

VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

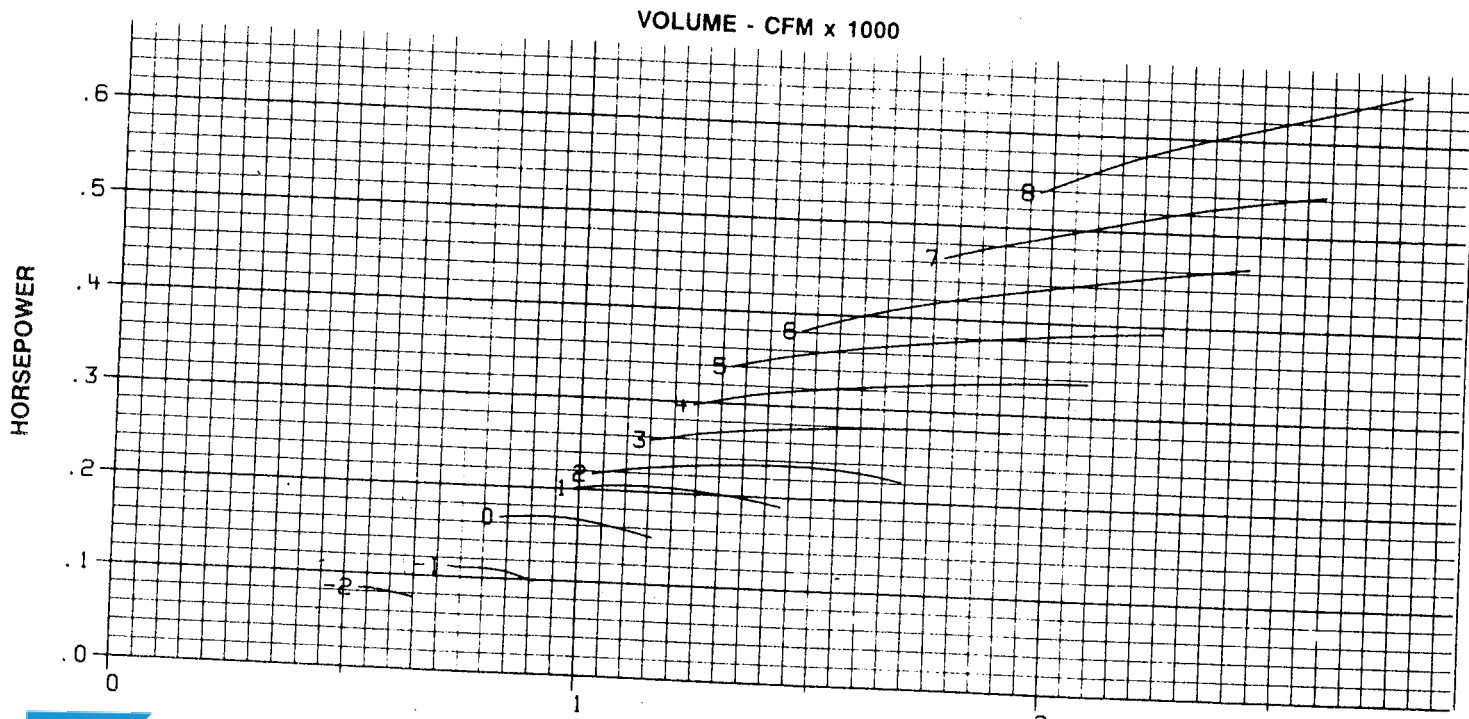
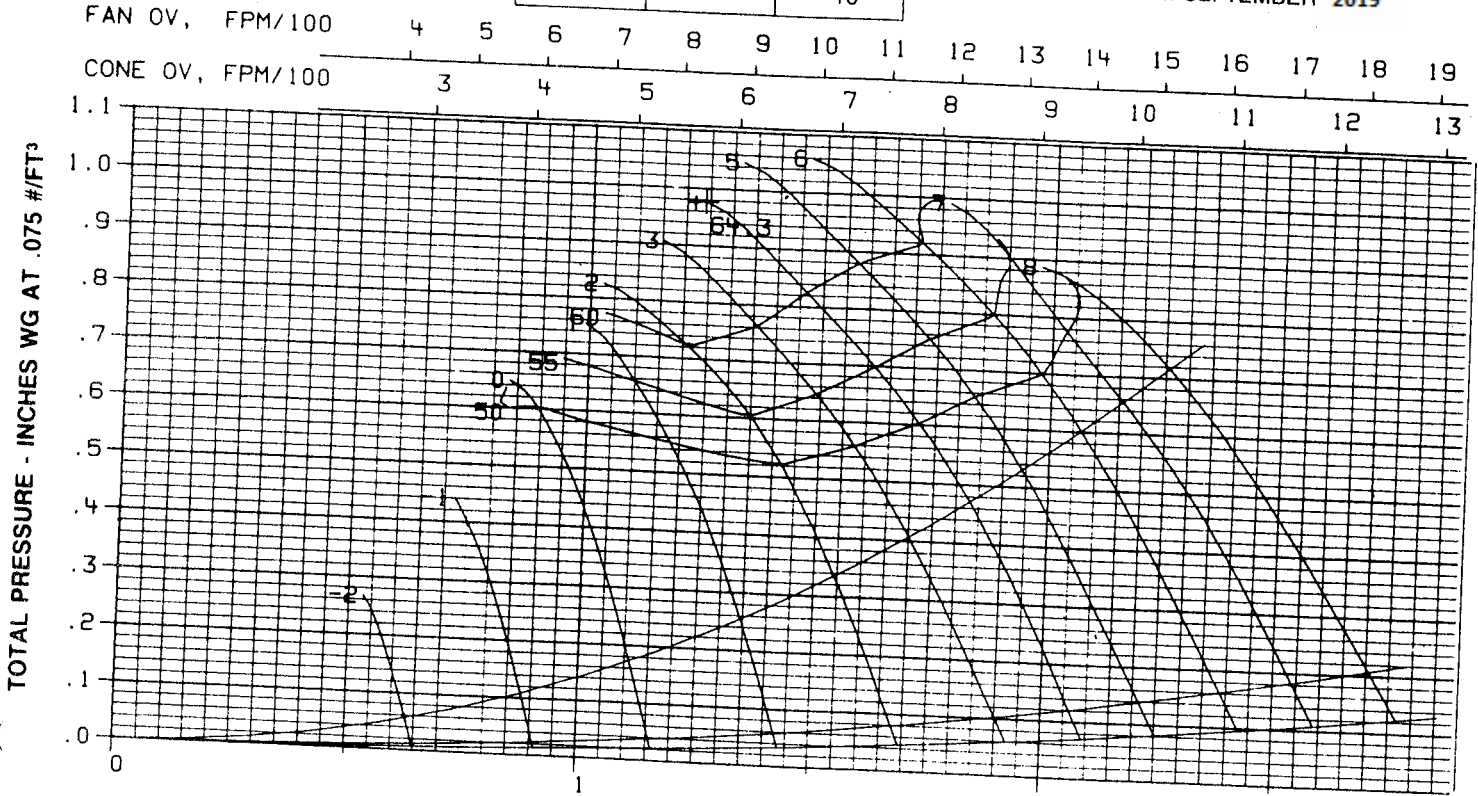
SIZE 1650-A12-1160

RPM 1160

MOTOR HP	MIN.	A/4 MAX.
	1	10

PAGE 1

EFFECTIVE: SEPTEMBER 2019



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.



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EFFECTIVE: SEPTEMBER 2019

PAGE 1S

FAN MODEL: 1650-A12-1160

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	61	65	71	72	69	62	56	52	-2	62
	66	67	70	72	67	62	55	49	-1	61
	71	69	72	72	67	61	54	48	0	61
	70	69	71	73	68	62	54	48	1	62
	68	69	71	73	70	62	54	47	2	63
	69	71	72	76	71	63	55	49	3	65
	70	73	74	78	73	64	56	50	4	66
	70	74	75	78	75	66	58	52	5	68
	70	74	76	79	77	68	59	54	6	69
	70	75	77	79	78	70	61	55	7	70
70	76	78	80	80	72	63	57	8	71	
MEDIUM Medium point is read at average TP/VP of low and high points	62	65	72	73	70	63	57	52	-2	63
	65	67	71	72	69	64	57	51	-1	63
	68	69	72	74	69	64	57	51	0	63
	69	69	72	74	69	63	56	50	1	63
	70	69	72	74	69	63	55	49	2	63
	69	71	72	74	71	64	56	50	3	64
	68	72	72	75	72	65	57	50	4	65
	69	73	72	77	74	66	58	52	5	66
	70	73	73	78	75	68	60	53	6	68
	71	74	74	80	78	69	61	55	7	70
72	74	75	82	80	71	62	56	8	72	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	62	66	72	73	71	65	59	53	-2	64
	65	67	71	73	69	64	57	51	-1	63
	67	69	72	73	68	63	56	49	0	63
	70	69	72	74	69	64	57	50	1	63
	72	69	72	74	70	65	58	51	2	64
	71	70	72	75	71	65	58	51	3	64
	70	71	72	75	72	66	58	51	4	65
	71	73	74	77	74	67	60	53	5	67
	72	74	75	78	76	69	61	54	6	69
	73	75	77	80	78	70	63	56	7	70
75	77	79	81	81	72	64	57	8	72	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

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VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4

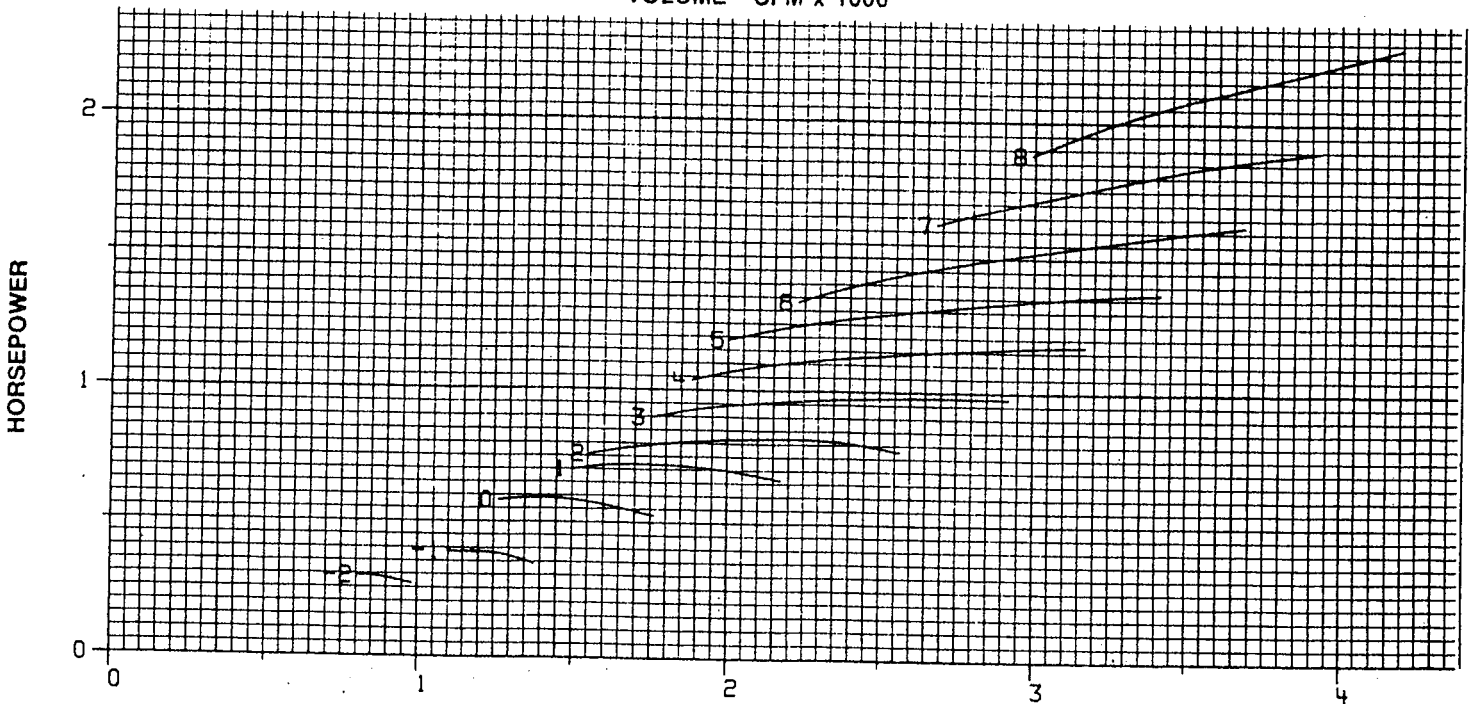
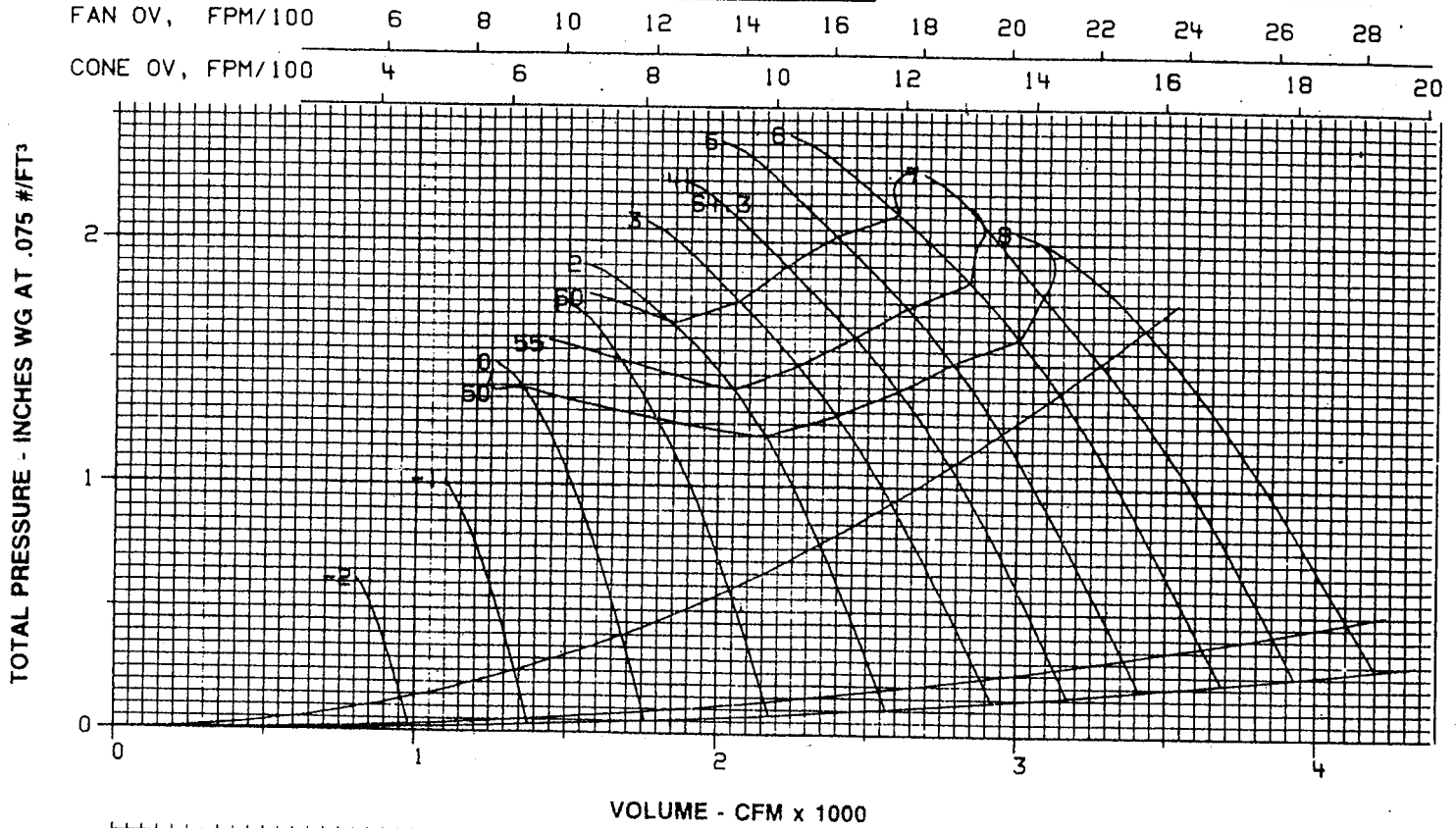


1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 1650-A12-1760 RPM 1760

MOTOR HP	MIN.	A/4 MAX.
		1

PAGE 2
EFFECTIVE: SEPTEMBER 2019



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 1650-A12-1760

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	73	73	77	84	79	77	68	63	-2	73
	76	78	79	82	79	74	68	62	-1	72
	80	82	81	82	79	73	67	60	0	72
	77	82	81	82	80	75	68	60	1	73
	75	80	80	82	81	76	68	60	2	73
	76	82	82	84	83	77	69	62	3	75
	77	83	84	86	85	78	70	63	4	77
	77	84	85	86	86	80	72	65	5	78
	77	84	86	87	87	82	74	66	6	79
	78	84	86	88	88	84	75	68	7	80
78	85	87	89	89	86	77	69	8	81	
MEDIUM Medium point is read at average TP/VP of low and high points	74	74	78	84	80	78	69	64	-2	74
	75	78	79	83	81	77	70	64	-1	73
	77	81	81	83	81	76	71	64	0	74
	77	82	81	83	81	76	70	63	1	74
	77	82	81	83	81	76	69	62	2	74
	76	82	82	83	82	77	70	63	3	74
	75	81	83	83	83	78	71	63	4	75
	76	82	83	84	85	80	72	65	5	77
	77	83	84	85	87	82	74	66	6	78
	78	84	85	87	88	84	75	67	7	80
79	85	85	88	90	85	76	69	8	81	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	73	75	78	85	81	79	71	66	-2	75
	74	78	80	83	80	77	70	64	-1	73
	75	80	81	83	80	75	69	62	0	73
	77	82	81	83	81	76	70	63	1	74
	80	83	81	83	82	77	71	64	2	74
	78	83	82	83	82	78	71	64	3	75
	77	82	82	84	83	79	72	65	4	76
	78	84	84	85	85	81	73	66	5	77
	79	85	85	87	87	82	75	68	6	79
	81	86	87	88	88	84	76	69	7	81
82	88	88	90	90	86	78	71	8	82	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

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VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



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GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 1650-A12-3500

RPM 3500

MOTOR HP	MIN.	A/4 MAX.
	5	20

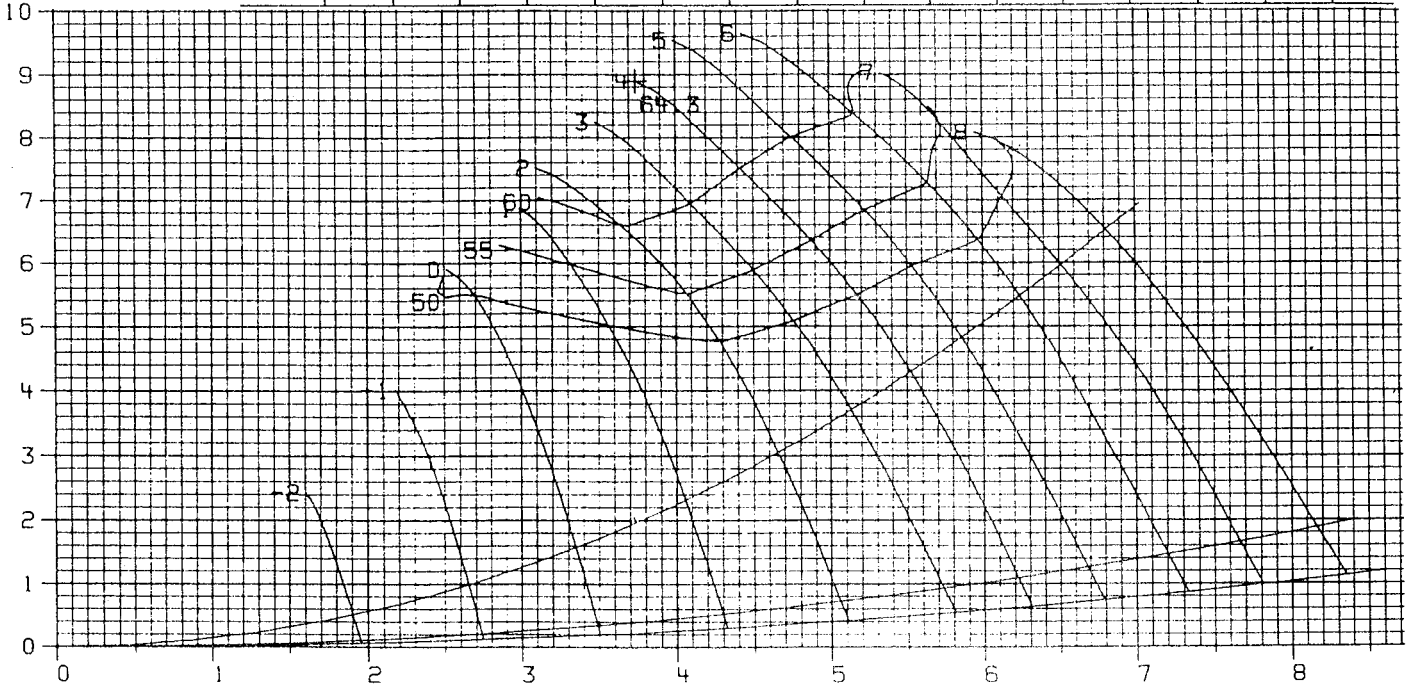
PAGE 3

EFFECTIVE: SEPTEMBER 2019

FAN OV, FPM/100 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58

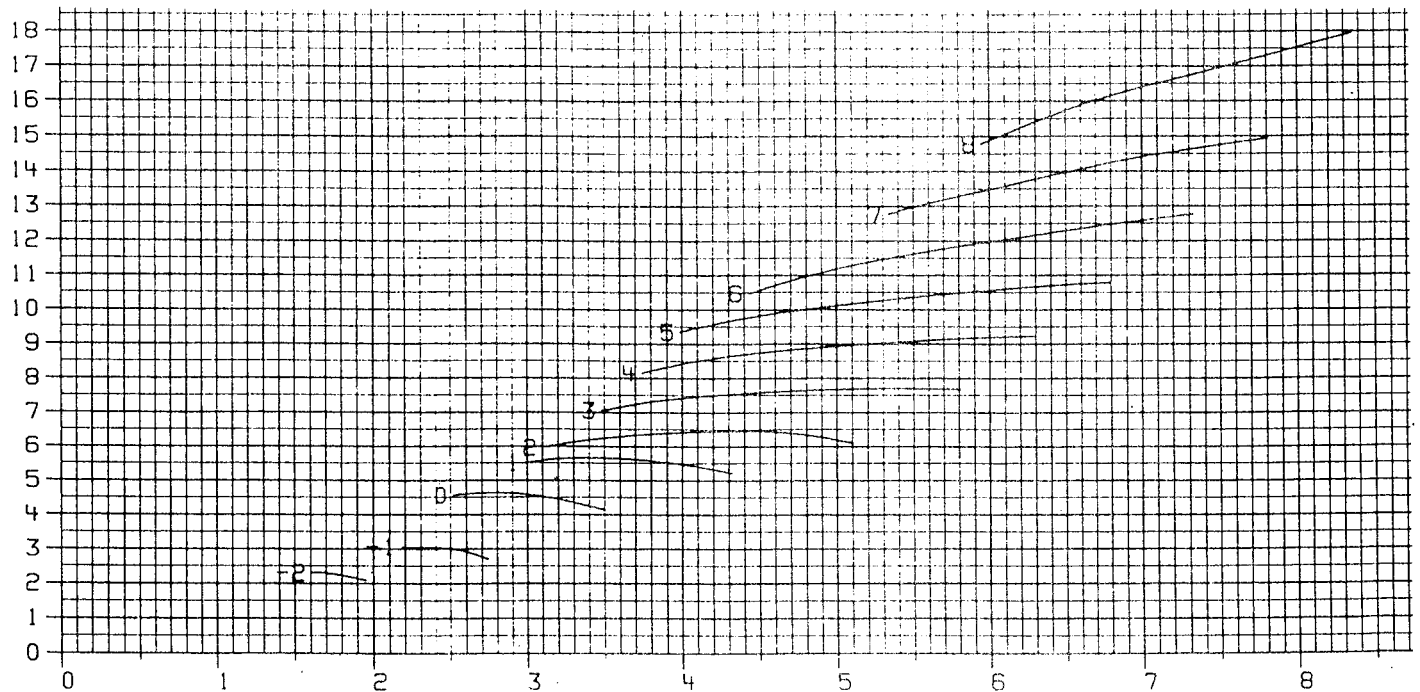
CONE OV, FPM/100 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



VOLUME - CFM x 1000

HORSEPOWER



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.

BULLETIN VAV-47

FAN MODEL: 1650-A12-3500

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	85	93	91	94	99	94	91	83	-2	90
	88	87	96	96	97	94	89	83	-1	89
	92	88	100	98	97	94	88	82	0	90
	89	88	100	98	97	95	89	82	1	90
	87	88	98	97	97	96	91	83	2	91
	88	90	100	99	99	98	92	84	3	92
	89	92	101	101	101	100	93	85	4	94
	89	93	102	102	101	101	95	87	5	95
	89	93	102	103	102	102	97	88	6	96
	90	94	102	103	103	103	99	90	7	97
90	95	103	104	104	104	101	92	8	98	
MEDIUM Medium point is read at average TP/VP of low and high points	86	94	92	95	99	95	92	84	-2	91
	87	87	96	96	98	95	91	85	-1	90
	89	88	99	98	98	96	91	85	0	91
	89	88	99	98	98	96	91	84	1	91
	89	89	100	98	98	96	91	84	2	91
	88	90	99	99	98	97	92	85	3	92
	87	91	99	99	98	98	93	86	4	92
	88	92	100	100	99	100	95	87	5	94
	89	92	101	101	100	101	97	88	6	95
	90	93	102	102	102	103	98	90	7	96
91	94	103	102	103	105	100	91	8	98	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	85	93	93	95	100	96	94	86	-2	92
	86	88	95	96	98	95	92	85	-1	90
	87	88	98	98	98	95	90	84	0	91
	89	88	100	98	98	96	91	85	1	91
	92	88	101	98	98	97	92	86	2	92
	90	89	101	99	98	97	93	86	3	92
	89	90	100	99	99	98	94	87	4	93
	90	92	102	101	100	100	95	88	5	94
	91	93	103	102	102	102	97	90	6	96
	92	95	104	104	103	103	99	91	7	97
94	96	106	105	105	105	101	93	8	99	

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VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



SIZE 1825-A12-1160

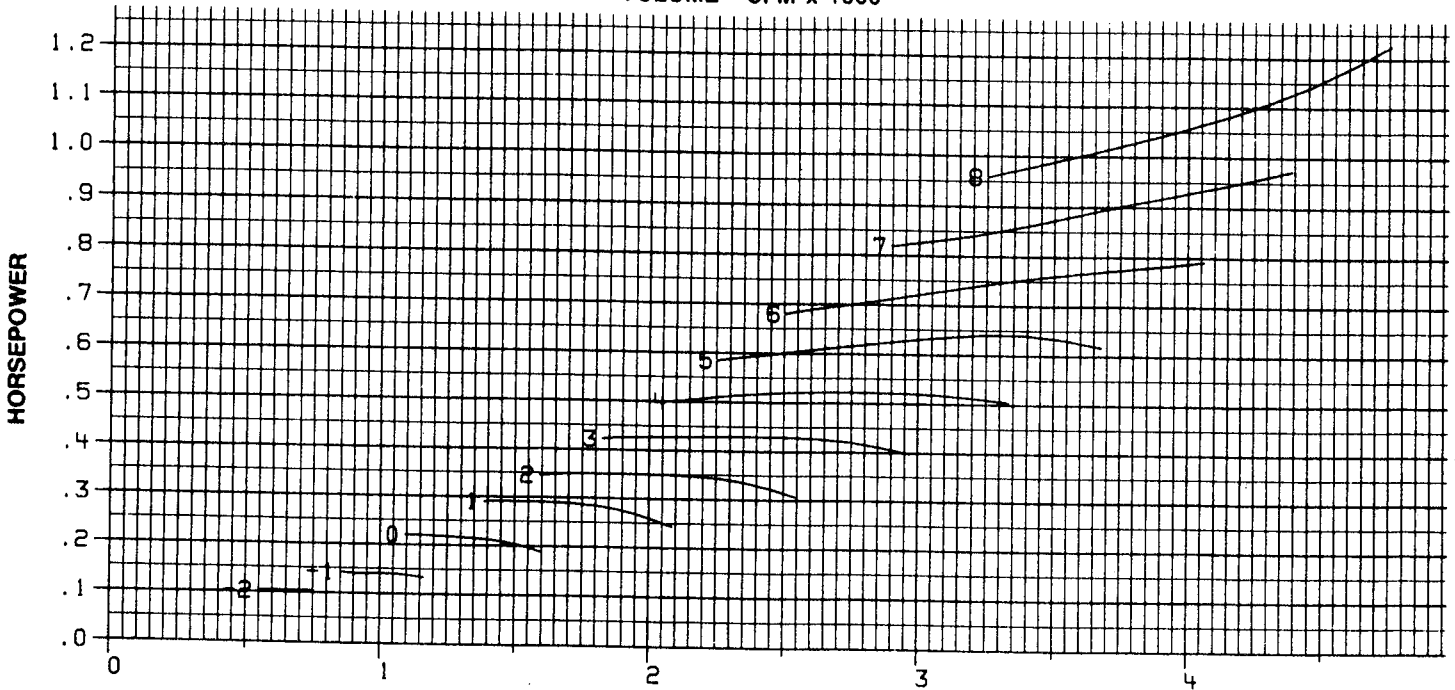
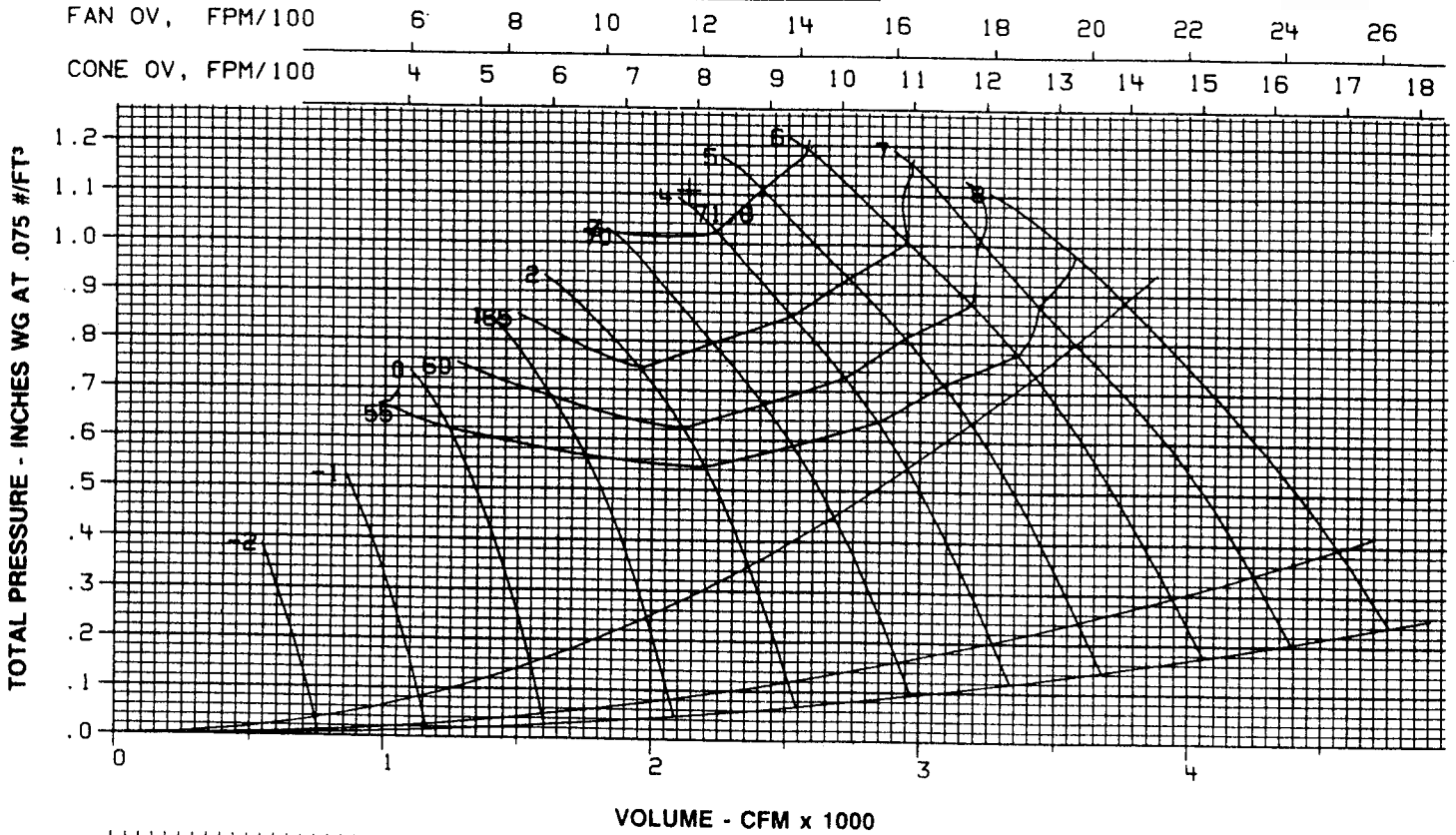
RPM 1160

1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

PAGE 4

MOTOR HP	MIN.	A/4 MAX.
	1	10

EFFECTIVE: SEPTEMBER 2019



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 1825-A12-1160

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	65	67	73	75	71	65	58	53	-2	64
	69	69	73	75	70	65	57	51	-1	64
	73	71	74	75	70	64	57	50	0	64
	72	71	74	75	71	65	57	50	1	65
	71	70	75	76	72	66	57	51	2	65
	71	72	75	77	73	66	58	52	3	67
	72	73	76	79	74	66	59	53	4	68
	72	74	77	80	76	68	60	54	5	69
	72	75	78	81	79	70	62	56	6	71
	73	75	79	82	80	72	63	58	7	72
73	76	79	83	82	74	65	60	8	74	
MEDIUM Medium point is read at average TP/VP of low and high points	65	68	73	75	72	66	59	53	-2	65
	68	69	73	76	72	67	59	53	-1	65
	70	70	73	76	72	67	60	53	0	65
	71	70	74	75	72	66	59	52	1	65
	71	70	74	75	72	65	58	51	2	65
	71	71	74	76	72	66	59	52	3	66
	70	73	74	77	73	67	60	53	4	66
	71	73	75	78	75	68	61	54	5	68
	72	74	75	80	77	70	62	56	6	70
	73	74	76	82	80	72	63	58	7	72
75	75	77	85	82	73	65	59	8	74	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	66	69	74	76	73	68	61	54	-2	66
	68	70	73	76	72	67	60	53	-1	65
	69	70	73	75	71	67	59	52	0	65
	72	70	73	75	72	67	60	53	1	65
	74	70	74	76	72	67	60	54	2	66
	73	71	74	76	73	67	61	54	3	66
	72	72	74	77	74	68	61	54	4	67
	73	73	76	78	76	69	62	55	5	68
	74	74	77	80	78	71	63	57	6	70
	75	76	79	81	80	72	65	58	7	72
76	77	81	83	82	74	66	60	8	74	

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ARRANGEMENT
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Phone 708-858-2600

SIZE 1825-A12-1760

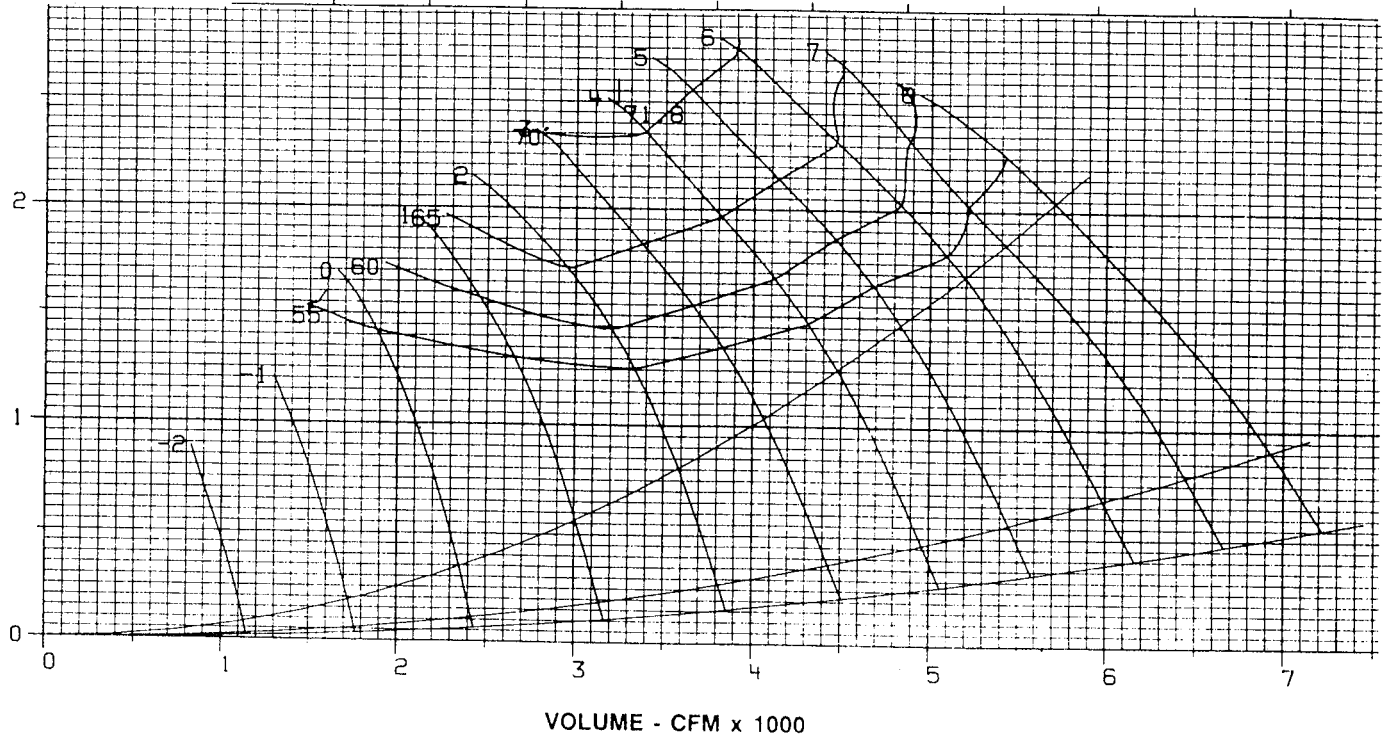
RPM 1760

MOTOR HP	MIN.	A/4 MAX.
	1	20

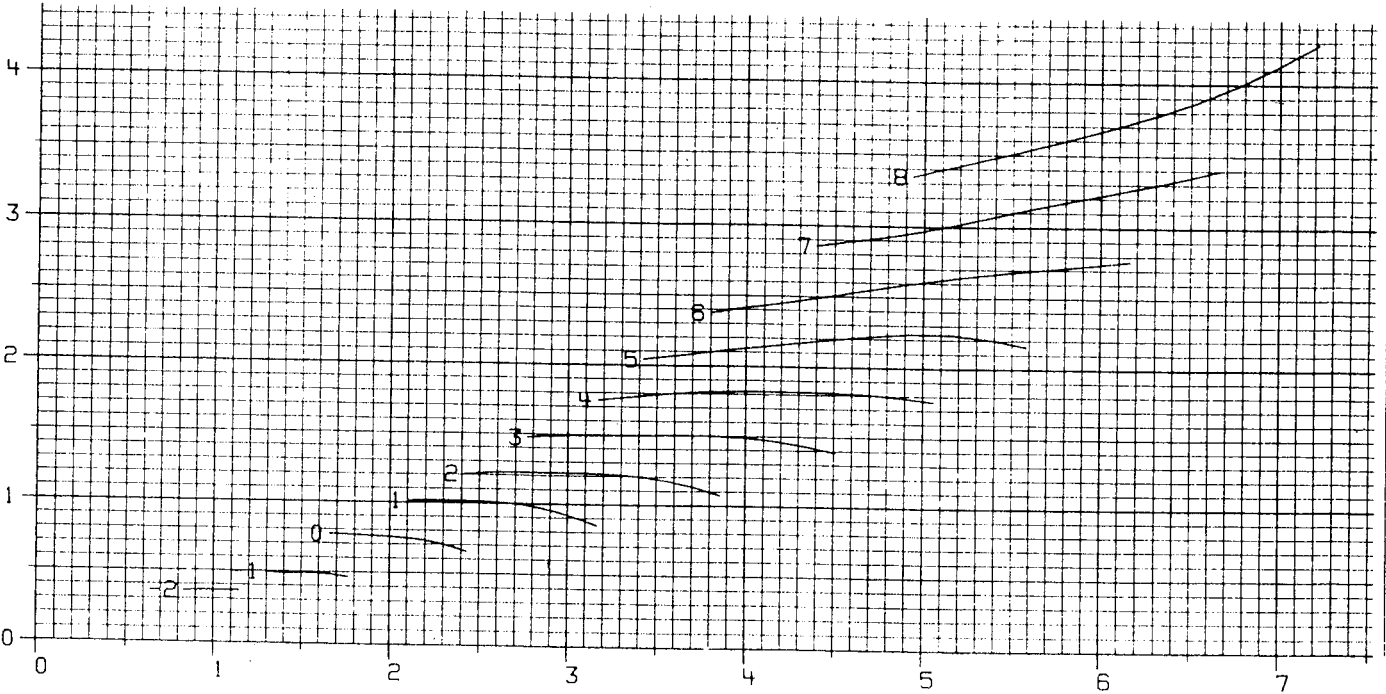
PAGE 5
EFFECTIVE: SEPTEMBER 2019

FAN OV, FPM/100 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40
CONE OV, FPM/100 6 8 10 12 14 16 18 20 22 24 26

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



HORSEPOWER



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Performance shown is for vaneaxial fans with inlet bell and outlet duct



CHICAGO BLOWER CORPORATION

an ISO 9001 Company

1675 Glen Ellyn Road • Glendale Heights, IL 60139
Phone: 630-858-2600 • Fax: 630-858-7172
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www.chicagoblower.com



FAN MODEL: 1825-A12-1760

EFFECTIVE: SEPTEMBER 2019, Page 5S

LW- Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	76	76	80	85	82	79	71	65	-2	75
	79	80	81	84	82	77	71	64	-1	75
	81	84	83	84	82	77	70	63	0	75
	80	83	83	85	83	78	71	63	1	76
	78	82	83	85	83	79	71	64	2	76
	79	83	84	86	85	79	72	65	3	77
	79	84	85	87	86	80	72	65	4	78
	79	84	86	88	88	82	74	67	5	80
	80	85	89	91	89	84	76	68	6	81
	80	85	87	90	90	86	78	70	7	82
80	83	88	91	92	88	80	72	8	84	
MEDIUM Medium point is read at average TP/VP of low and high points	76	77	80	86	83	80	72	66	-2	76
	77	79	81	85	83	79	73	66	-1	76
	78	82	82	84	83	79	73	66	0	76
	78	82	82	85	83	79	72	65	1	76
	79	82	83	85	83	78	72	65	2	76
	78	83	83	85	84	79	72	65	3	76
	77	83	84	85	84	80	73	66	4	77
	76	81	94	89	85	81	73	66	5	79
	80	82	94	93	89	82	76	69	6	81
	79	83	95	92	89	85	76	69	7	82
80	80	96	93	92	87	78	71	8	84	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	76	78	82	87	84	81	73	67	-2	77
	77	80	82	85	83	80	73	66	-1	76
	77	81	82	84	83	78	73	66	0	75
	79	82	82	84	83	79	73	66	1	76
	81	84	82	85	83	79	73	67	2	76
	80	84	83	85	84	80	74	67	3	77
	79	83	84	86	85	81	74	67	4	77
	76	81	94	91	85	81	73	66	5	80
	83	84	98	95	90	83	77	70	6	82
	79	83	95	94	89	85	76	69	7	83
80	80	96	95	92	87	78	71	8	85	

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GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 1825-A12-3500

RPM 3500

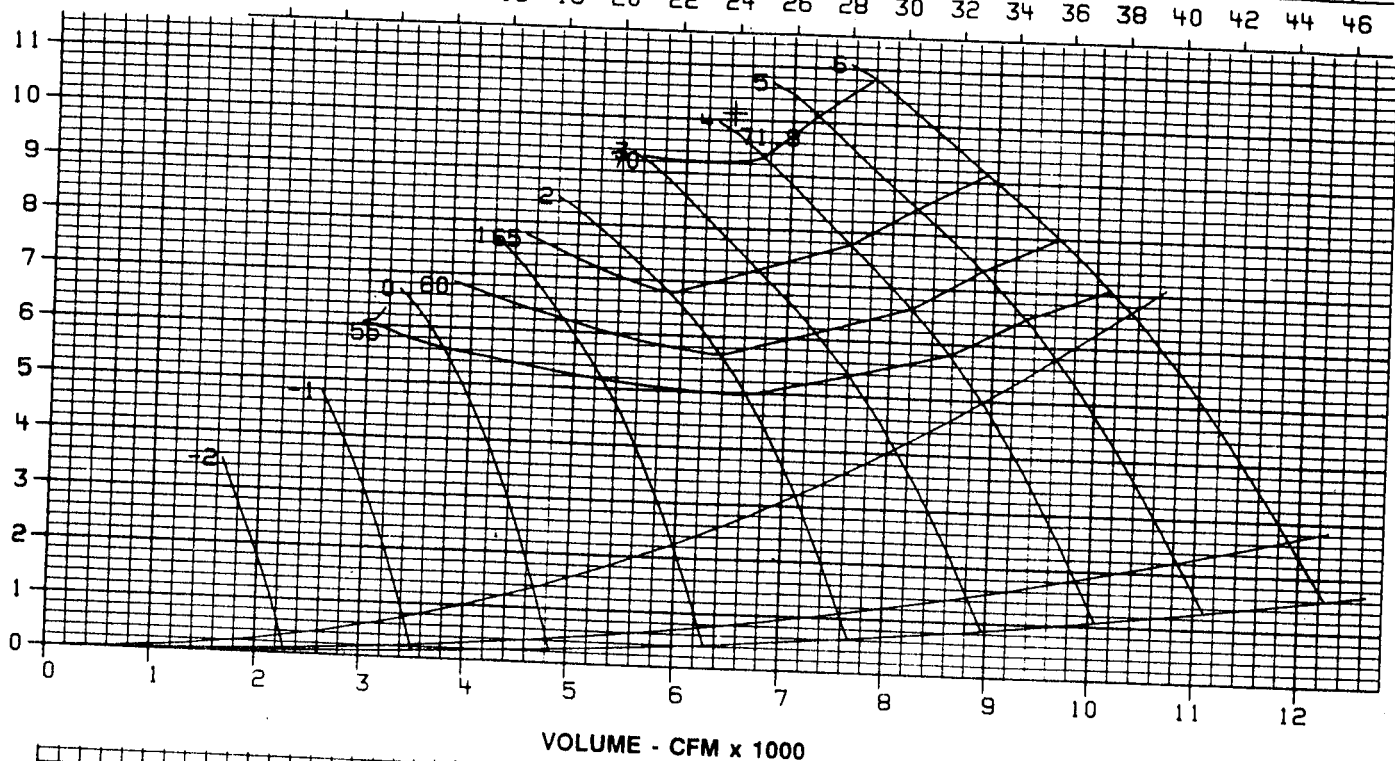
MOTOR HP	MIN.	A/4 MAX.
	5	20

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EFFECTIVE: SEPTEMBER 2019

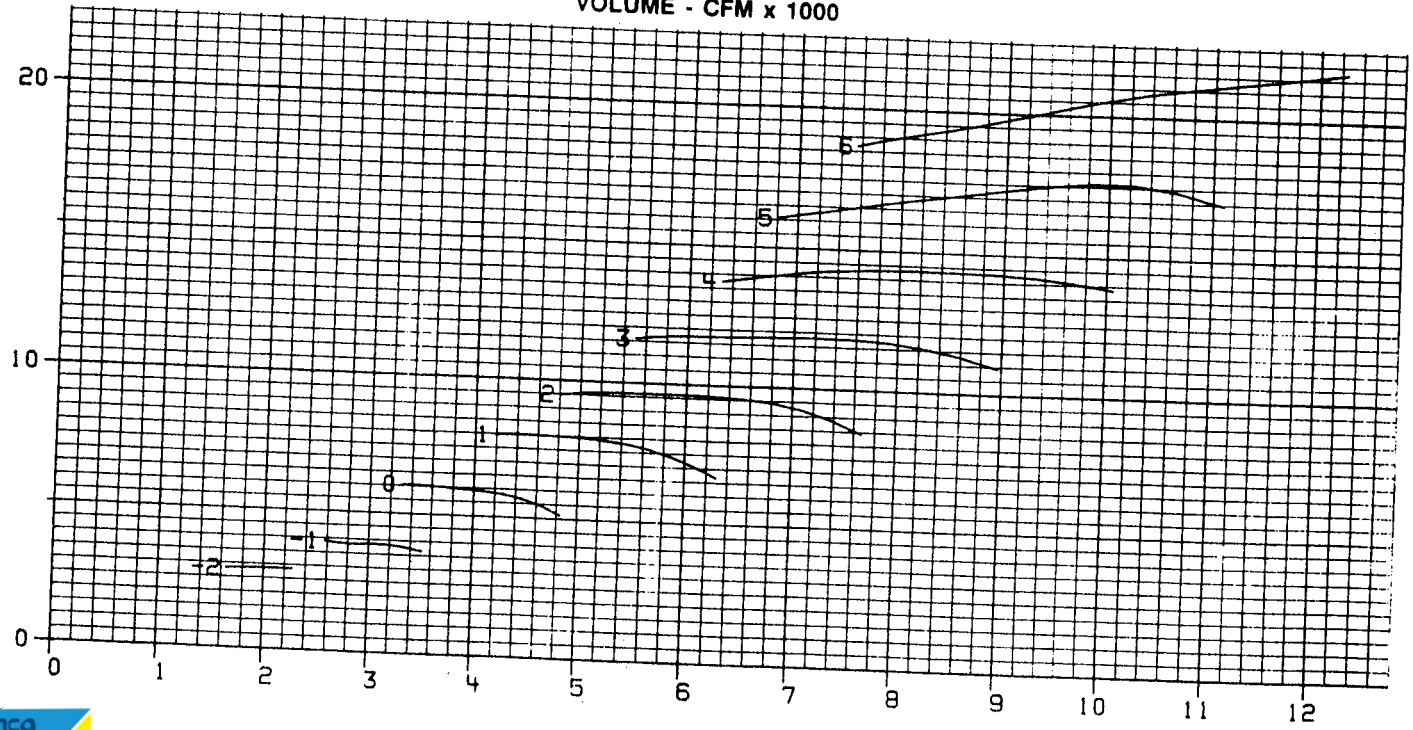
FAN OV, FPM/100 12 16 20 24 28 32 36 40 44 48 52 56 60 64 68
 CONE OV, FPM/100 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46

TOTAL PRESSURE - INCHES WG AT .975 #/FT³



VOLUME - CFM x 1000

HORSEPOWER



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FAN MODEL: 1825-A12-3500

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	88	87	94	97	100	97	94	86	-2	92
	90	89	98	98	99	97	92	86	-1	92
	93	90	101	100	99	97	91	85	0	93
	92	90	101	100	100	98	92	86	1	93
	90	89	100	100	100	98	94	86	2	93
	91	91	101	101	101	100	94	87	3	94
	91	93	102	102	102	101	95	87	4	95
	91	93	102	103	103	102	97	89	5	97
	91	94	103	104	104	104	99	90	6	98
									7	
								8		
MEDIUM Medium point is read at average TP/VP of low and high points	88	88	95	97	101	98	95	86	-2	93
	89	89	97	98	100	98	94	87	-1	93
	90	89	99	99	99	98	94	88	0	93
	90	89	100	99	100	98	94	87	1	93
	91	89	100	100	100	98	93	86	2	93
	90	90	100	100	100	98	94	87	3	93
	89	92	100	101	100	99	95	88	4	94
	90	92	101	101	101	101	96	89	5	95
	91	93	102	102	102	103	98	90	6	97
									7	
								8		
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	88	90	96	99	102	99	96	88	-2	94
	89	89	98	99	100	98	94	88	-1	93
	89	89	99	99	99	97	93	88	0	92
	91	89	100	99	99	98	94	88	1	93
	93	89	102	99	100	98	94	88	2	93
	92	90	102	100	100	99	95	89	3	94
	91	91	101	101	101	100	95	89	4	94
	92	92	102	102	102	101	97	90	5	96
	93	93	104	103	103	103	99	92	6	97
									7	
								8		

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 2000-A12-1160

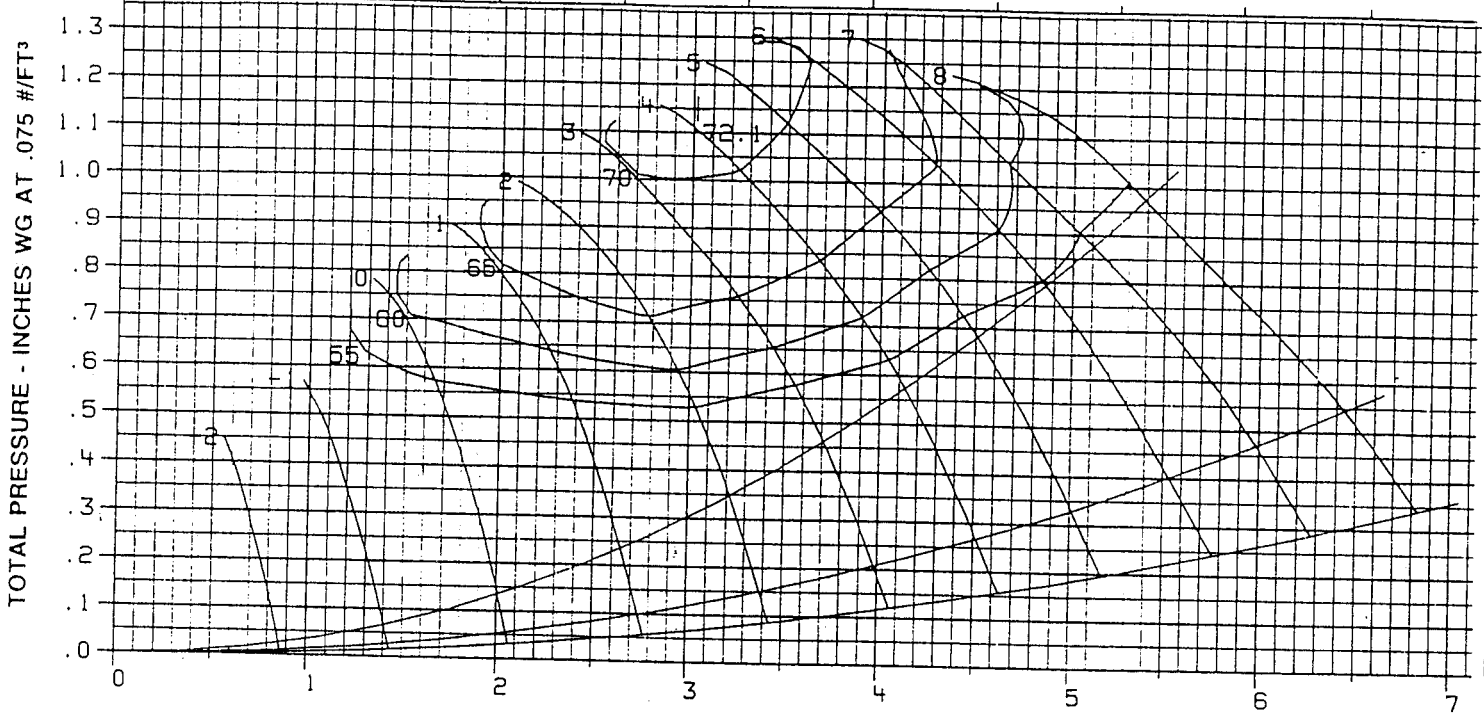
RPM 1160

MOTOR HP	MIN.	A/4 MAX.
	1	10

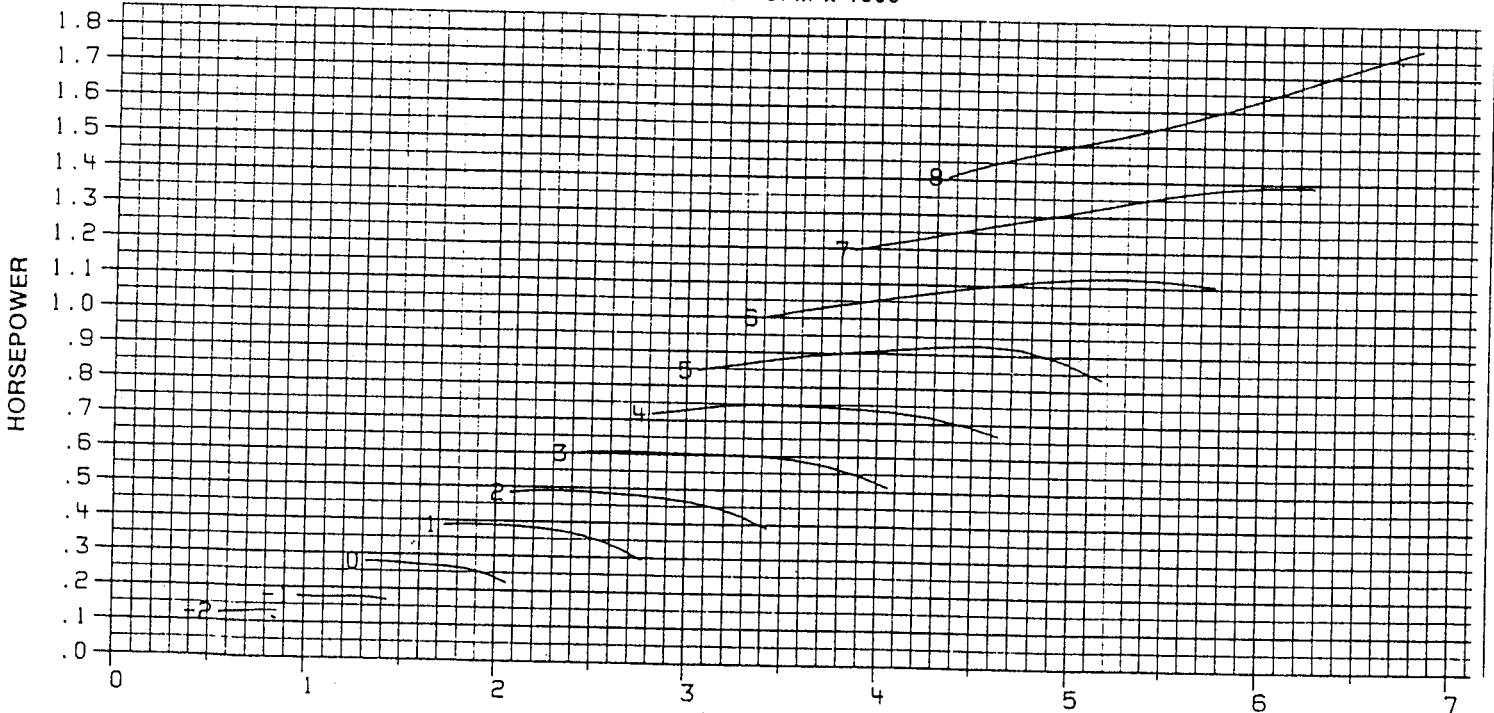
PAGE 7

EFFECTIVE: SEPTEMBER 2019

FAN OV, FPM/100	6	8	10	12	14	16	18	20	22	24	26	28	30	32
CONE OV, FPM/100	4	6	8	10	12	14	16	18	20					



VOLUME - CFM x 1000



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 2000-A12-1160

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	69	70	75	77	74	68	60	54	-2	67
	72	72	76	77	73	68	60	53	-1	67
	74	74	76	78	73	67	59	52	0	67
	74	73	78	78	74	68	60	53	1	67
	74	73	79	78	75	69	60	54	2	68
	73	74	79	79	75	68	61	54	3	68
	73	75	79	80	75	68	61	55	4	69
	74	75	79	82	77	70	62	57	5	71
	74	76	80	83	80	72	63	58	6	72
	75	76	81	84	82	74	65	60	7	74
76	78	82	86	84	76	67	62	8	76	
MEDIUM Medium point is read at average TP/VP of low and high points	69	71	75	77	74	69	61	54	-2	67
	70	71	75	77	74	69	61	54	-1	67
	71	72	75	77	75	70	62	54	0	67
	73	72	76	77	74	69	61	54	1	67
	73	72	77	76	73	68	61	54	2	67
	73	73	77	77	74	68	61	54	3	67
	72	74	77	78	74	69	62	55	4	68
	73	74	78	80	76	70	63	57	5	69
	74	75	78	82	79	71	64	58	6	71
	75	76	79	84	81	74	65	60	7	74
77	77	80	87	84	76	67	62	8	76	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	70	73	78	78	75	70	62	55	-2	68
	70	72	76	78	74	70	63	55	-1	68
	70	72	75	77	74	70	63	55	0	67
	73	72	76	77	74	70	63	55	1	67
	75	72	76	77	74	69	63	56	2	67
	74	73	77	77	75	69	63	56	3	68
	74	74	77	78	75	70	63	56	4	68
	75	75	78	79	77	71	64	57	5	69
	77	76	79	80	78	72	65	59	6	71
	77	77	81	83	81	74	67	61	7	73
78	79	85	85	83	76	68	63	8	75	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 2000-A12-1760

RPM 1760

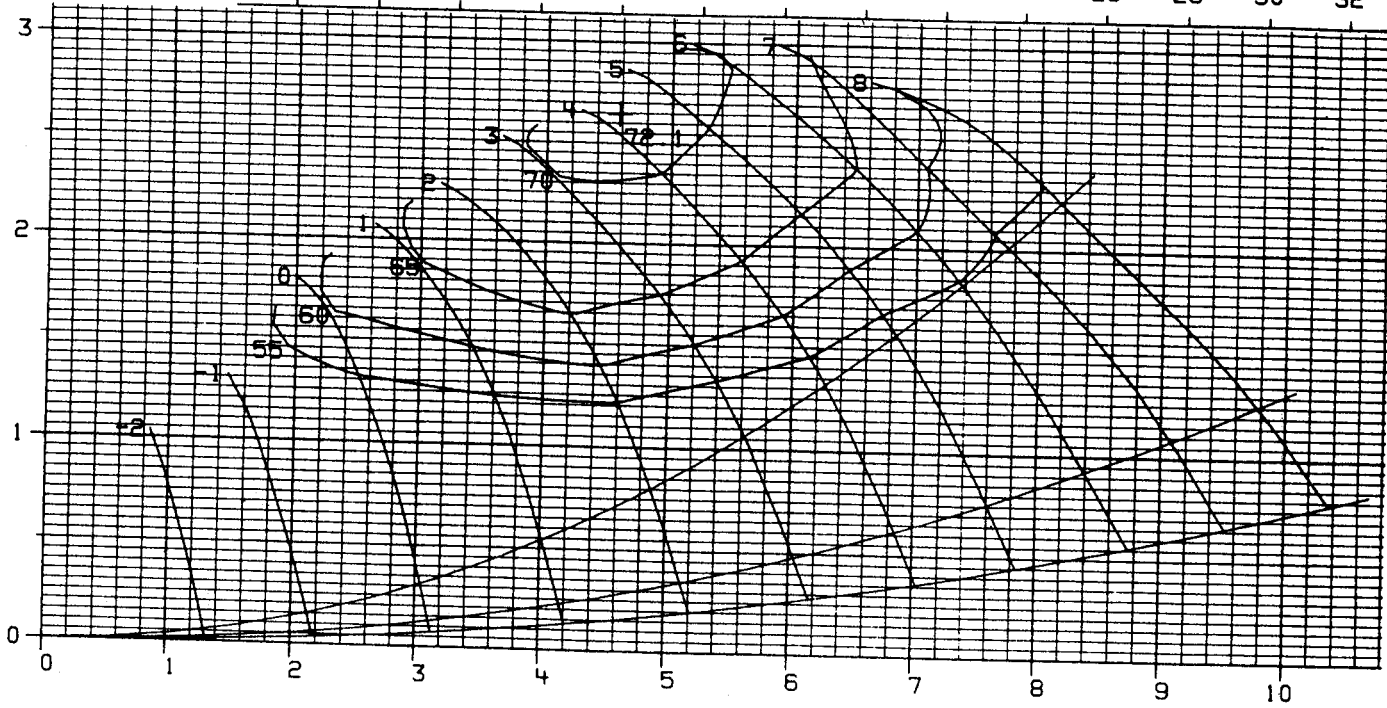
MOTOR HP	MIN.	A/4 MAX.
	1	20

PAGE 8

EFFECTIVE: SEPTEMBER 2019

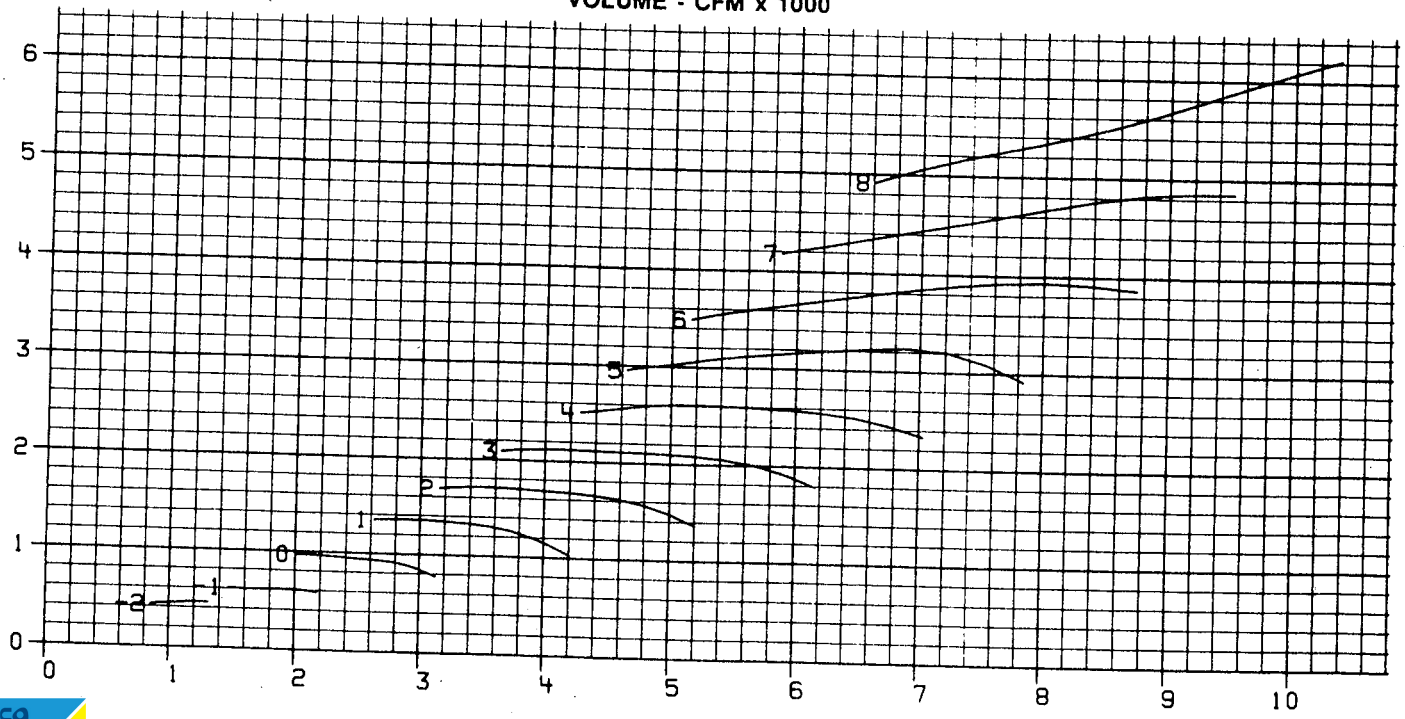
FAN OV, FPM/100 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48
 CONE OV, FPM/100 6 8 10 12 14 16 18 20 22 24 26 28 30 32

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



VOLUME - CFM x 1000

HORSEPOWER



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 2000-A12-1760

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	78	80	83	87	85	81	74	67	-2	77
	80	83	84	86	85	80	76	66	-1	77
	82	85	86	86	85	80	73	65	0	77
	81	85	86	87	85	80	74	66	1	78
	81	85	86	88	85	81	74	67	2	79
	81	85	87	89	86	81	74	67	3	79
	81	85	87	89	87	81	74	68	4	80
	81	86	88	90	89	83	76	69	5	81
	81	86	88	91	91	86	77	70	6	82
	82	87	89	92	92	88	79	72	7	84
83	84	90	93	94	90	82	74	8	86	
MEDIUM Medium point is read at average TP/VP of low and high points	78	80	83	87	85	82	74	67	-2	78
	79	82	83	86	85	82	75	67	-1	78
	79	83	84	86	85	82	76	68	0	78
	80	84	84	86	85	81	75	68	1	77
	80	84	85	86	84	80	74	67	2	77
	80	84	85	87	85	81	74	68	3	78
	79	84	86	87	85	81	75	68	4	78
	80	85	87	88	88	83	76	69	5	80
	81	86	87	89	90	85	77	70	6	81
	83	87	88	91	92	87	79	72	7	84
84	83	89	93	95	90	81	74	8	86	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	80	82	86	88	86	83	76	69	-2	79
	79	82	85	87	85	82	76	69	-1	78
	78	82	84	85	85	81	76	69	0	77
	80	84	84	86	85	81	76	69	1	77
	82	85	84	86	85	81	76	69	2	78
	82	85	85	87	85	82	76	69	3	78
	81	85	86	87	86	82	76	69	4	79
	82	86	87	88	87	84	77	71	5	80
	83	87	88	89	89	85	78	72	6	81
	84	88	90	92	91	87	80	73	7	83
85	86	91	94	93	90	82	75	8	85	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

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VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



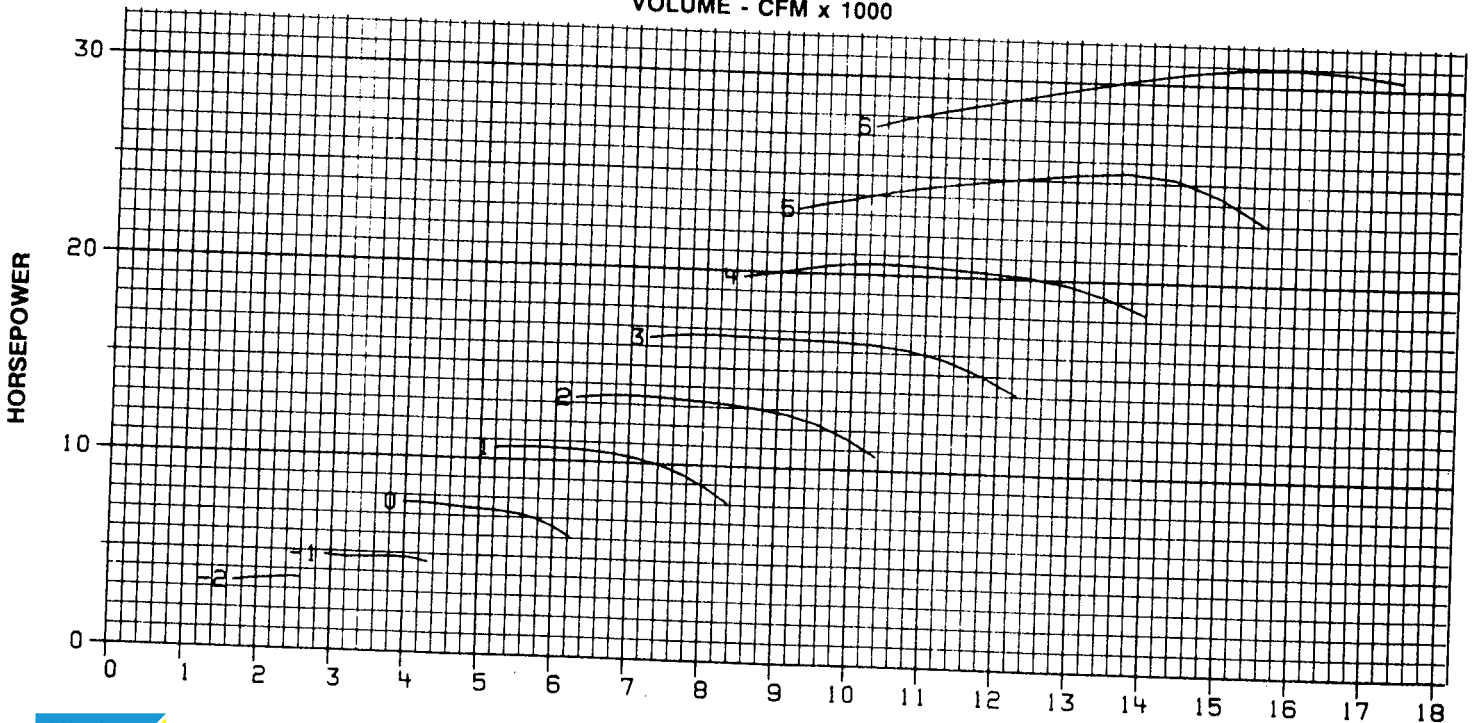
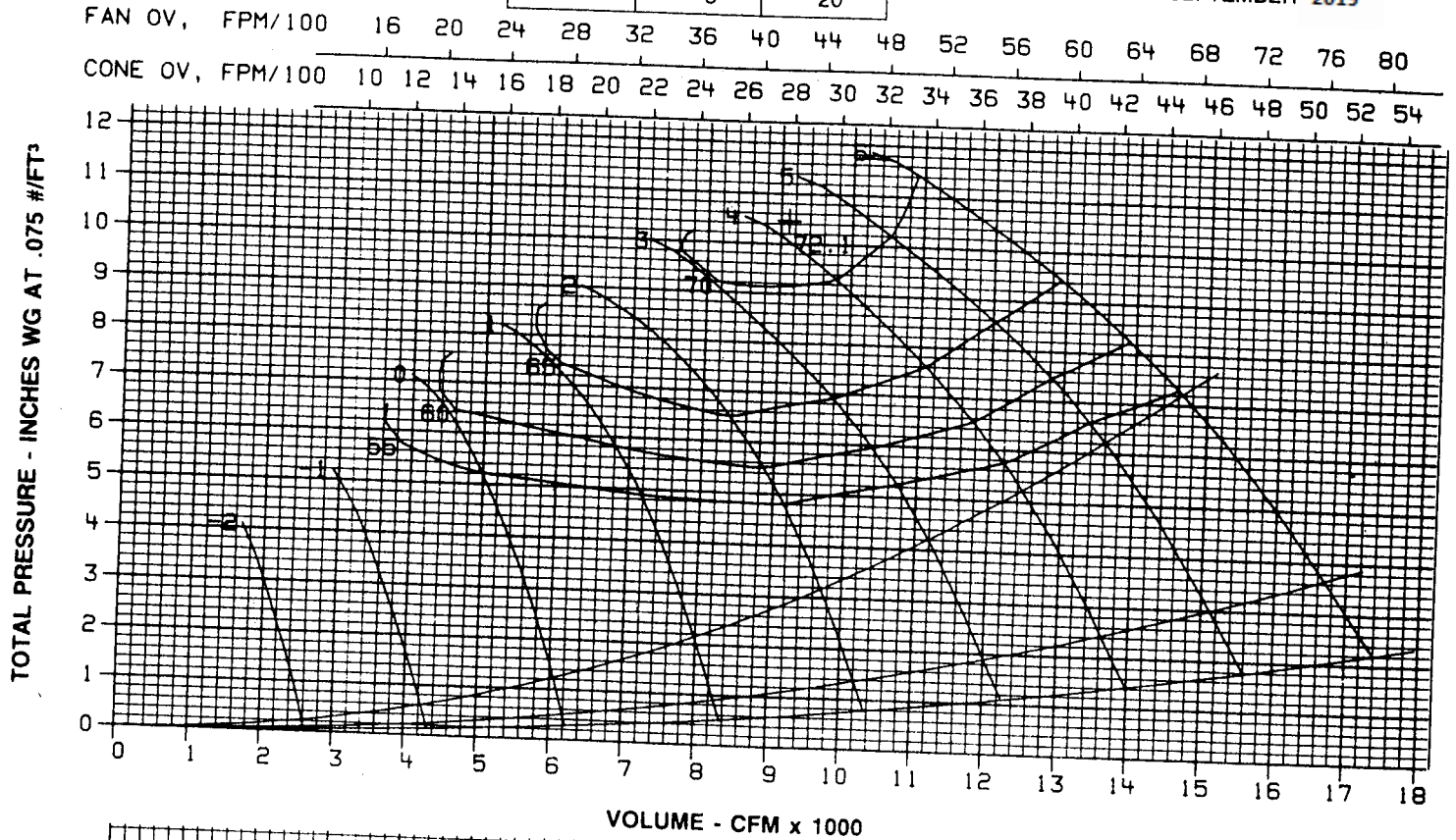
1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 2000-A12-3500 RPM 3500

MOTOR HP	MIN.	A/4 MAX.
	5	20

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EFFECTIVE: SEPTEMBER 2019



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet...

FAN MODEL: 2000-A12-3500

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	90	90	98	99	102	100	96	88	-2	94
	92	92	101	100	101	100	95	88	-1	94
	94	93	103	101	101	100	94	88	0	95
	93	92	103	102	102	100	95	88	1	95
	93	92	103	102	103	100	96	89	2	96
	93	93	103	102	104	101	96	89	3	96
	93	94	103	103	104	102	96	89	4	97
	93	94	104	104	105	104	98	91	5	98
	93	95	104	104	106	106	100	92	6	99
										7
									8	
MEDIUM Medium point is read at average TP/VP of low and high points	90	90	98	99	102	100	97	89	-2	94
	91	91	100	99	101	100	96	90	-1	94
	91	91	101	100	101	100	97	90	0	94
	92	91	102	100	101	100	96	90	1	94
	92	91	102	101	101	99	95	89	2	94
	92	92	102	101	102	100	95	89	3	95
	91	93	102	102	102	100	96	90	4	95
	92	94	103	102	103	102	98	91	5	97
	93	94	104	103	104	105	100	92	6	98
										7
									8	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	91	93	100	102	103	101	98	91	-2	96
	91	92	100	101	102	100	97	91	-1	95
	90	91	100	100	100	99	96	91	0	94
	92	91	102	100	101	100	96	91	1	94
	94	91	103	100	101	100	96	91	2	94
	93	92	103	101	102	100	96	91	3	95
	93	93	103	102	102	101	97	91	4	96
	94	94	104	103	103	102	98	92	5	97
	95	95	105	104	104	104	100	93	6	98
										7
									8	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 2225-A12-1160

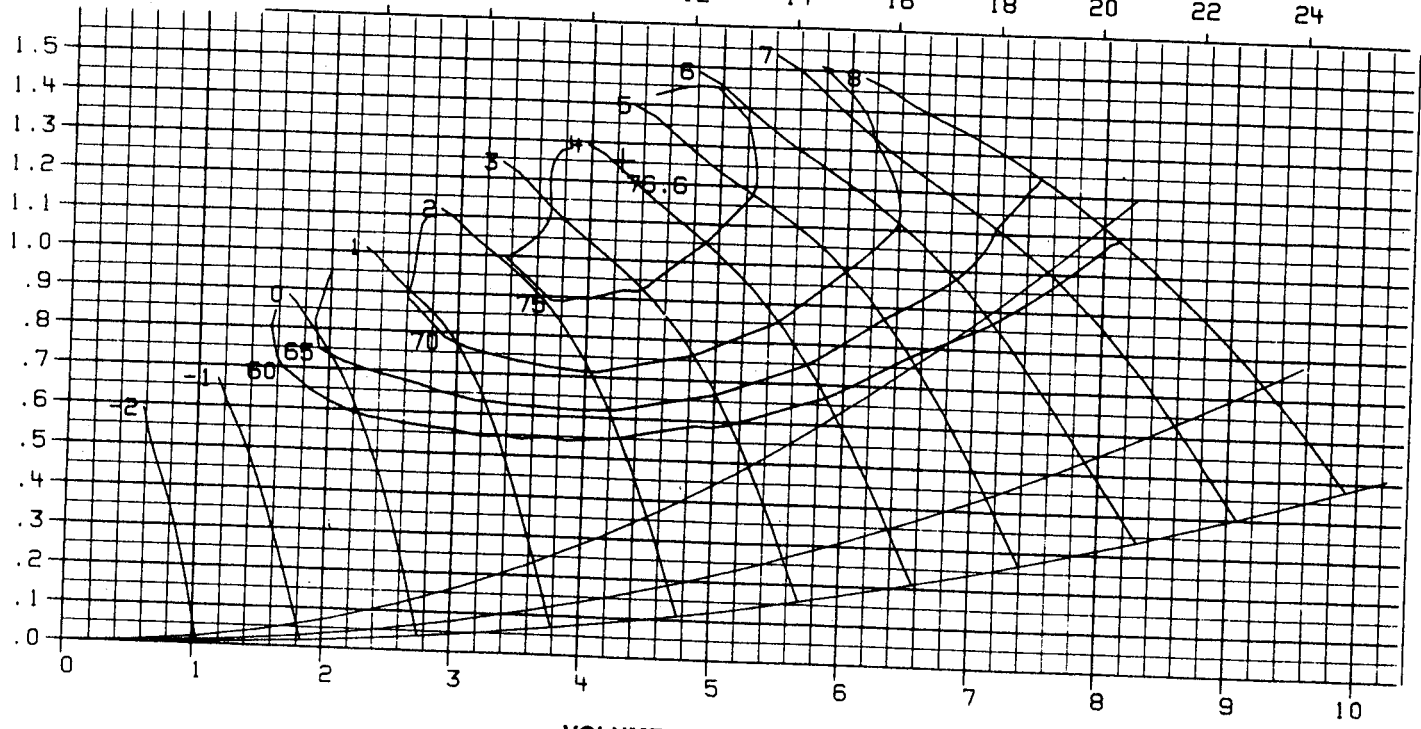
RPM 1160

MOTOR HP	MIN.	A/4 MAX.
	1	10

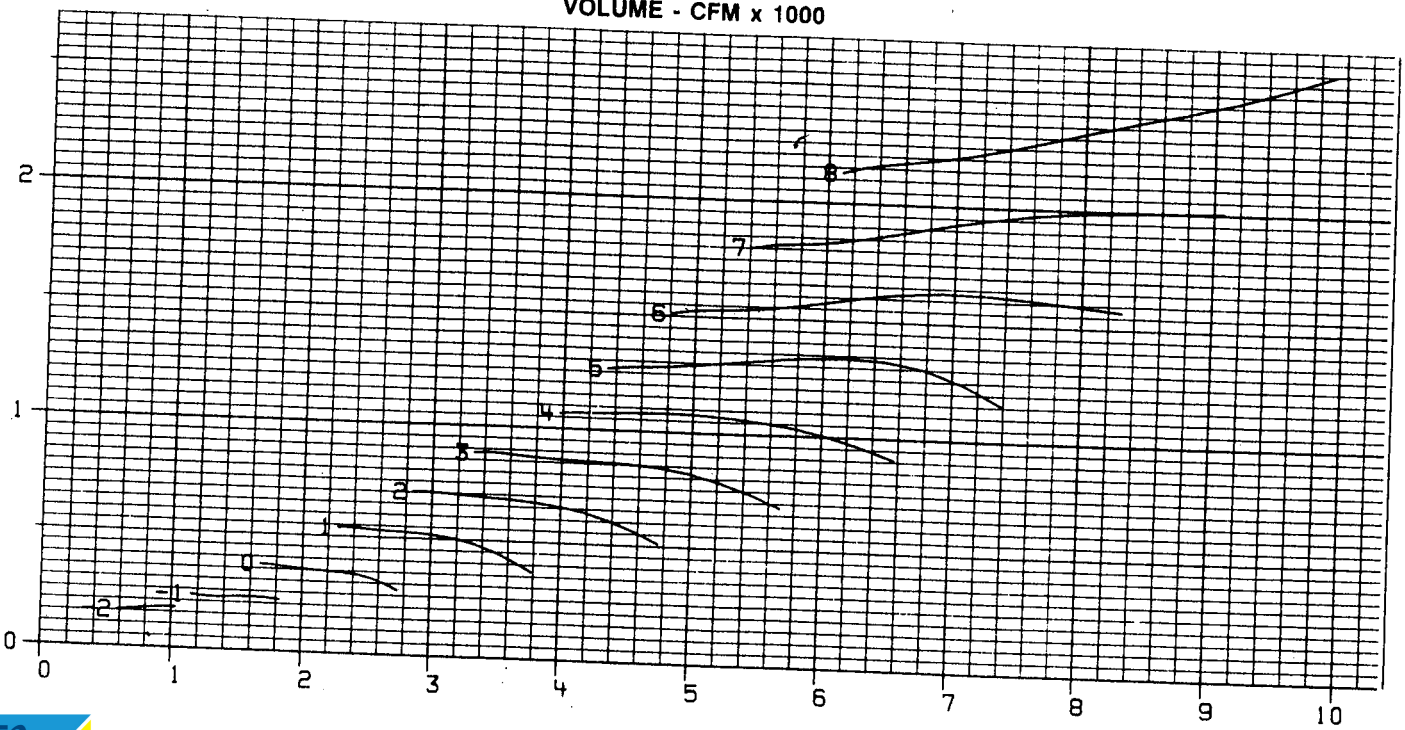
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EFFECTIVE: SEPTEMBER 2019

FAN OV, FPM/100 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38
CONE OV, FPM/100 6 8 10 12 14 16 18 20 22 24

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



HORSEPOWER



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 2225-A12-1160

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	71	73	78	79	76	72	63	55	-2	69
	73	74	78	80	76	71	62	55	-1	70
	74	76	78	81	77	70	62	55	0	70
	75	75	81	80	77	71	63	56	1	70
	75	74	84	88	78	72	64	57	2	71
	75	74	82	81	77	71	64	57	3	70
	74	74	80	82	76	70	64	57	4	70
	74	75	81	83	78	72	64	59	5	72
	75	76	82	85	81	73	65	61	6	74
	76	76	83	87	84	76	67	63	7	76
	77	77	84	90	86	79	70	65	8	79
MEDIUM Medium point is read at average TP/VP of low and high points	71	72	77	79	76	72	63	56	-2	69
	72	72	76	79	77	72	63	56	-1	70
	72	72	76	79	78	72	64	56	0	70
	73	72	78	78	76	71	64	56	1	69
	73	72	79	77	75	70	64	57	2	68
	73	73	80	78	75	70	64	57	3	69
	73	74	79	79	75	70	64	57	4	69
	74	75	80	81	78	72	65	59	5	71
	75	75	81	83	80	73	65	61	6	73
	76	76	82	87	83	76	68	63	7	76
	78	76	83	90	86	78	70	65	8	79
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	74	76	81	83	78	73	65	57	-2	71
	72	74	78	80	77	74	66	57	-1	70
	70	72	76	78	77	74	67	58	0	70
	72	72	77	78	77	73	66	58	1	69
	74	72	78	78	76	72	66	58	2	69
	75	73	79	79	76	72	66	58	3	69
	75	74	79	79	76	72	66	58	4	70
	75	75	80	80	78	73	67	60	5	71
	76	75	81	81	79	74	67	61	6	72
	77	77	83	84	82	76	69	63	7	74
	78	78	86	86	84	78	70	65	8	77

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

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VAV

VANEAXIAL FAN
ADJUSTABLE PITCH
CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 2225-A12-1760

RPM 1760

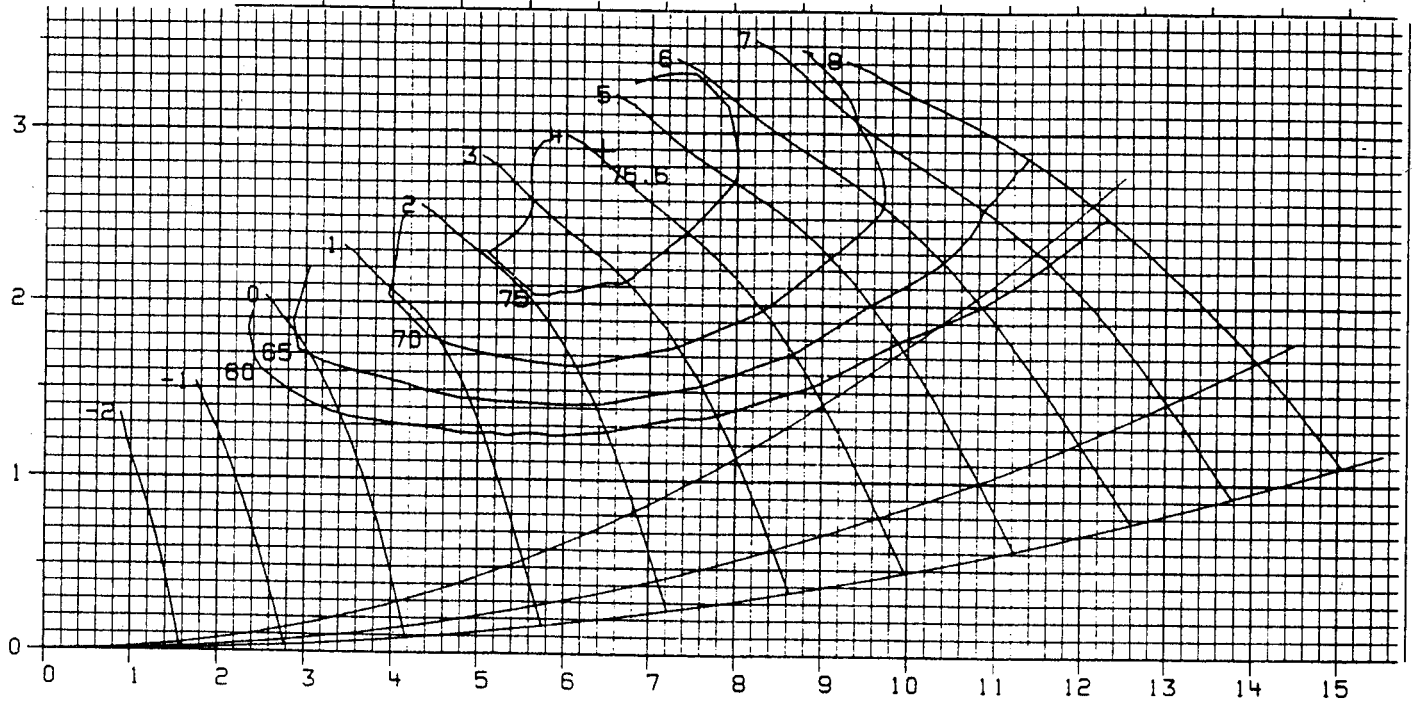
MOTOR HP	MIN.	A/4 MAX.
	1½	20

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EFFECTIVE: SEPTEMBER 2019

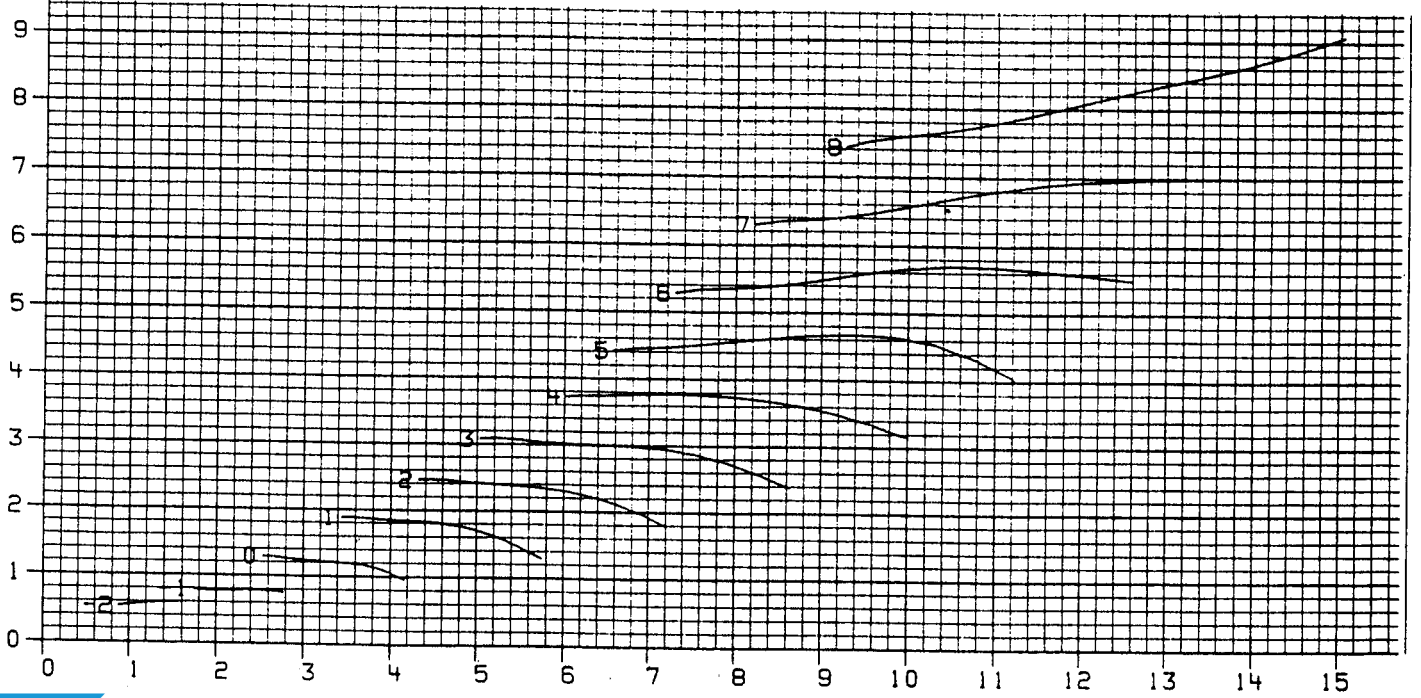
FAN OV, FPM/100 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56
CONE OV, FPM/100 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



VOLUME - CFM x 1000

HORSEPOWER



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 2225-A12-1760

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	80	83	86	88	87	84	77	69	-2	80
	81	85	86	89	88	83	76	68	-1	80
	82	86	87	89	88	83	76	68	0	80
	82	86	88	90	88	84	77	69	1	81
	83	86	89	92	88	84	78	70	2	81
	82	86	88	91	88	83	77	70	3	81
	81	86	88	90	88	82	77	70	4	81
	81	86	88	92	90	85	78	71	5	82
	82	87	89	93	92	87	79	73	6	84
	83	88	90	94	95	90	82	75	7	86
84	84	91	96	97	92	84	77	8	88	
MEDIUM Medium point is read at average TP/VP of low and high points	80	83	85	88	87	84	77	69	-2	80
	80	83	85	87	88	84	78	69	-1	80
	79	83	85	87	88	85	78	70	0	80
	80	84	85	87	87	83	78	70	1	79
	81	84	86	88	86	82	77	70	2	79
	81	85	86	89	86	82	77	70	3	79
	80	85	87	89	87	82	77	71	4	80
	81	86	88	90	89	84	78	72	5	81
	82	86	88	91	91	86	79	73	6	83
	83	88	89	93	94	89	82	75	7	86
85	83	90	95	97	92	84	77	8	88	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	82	86	89	91	89	85	79	71	-2	82
	80	84	87	89	88	85	80	71	-1	81
	78	83	85	87	89	85	80	72	0	80
	80	84	85	87	86	84	79	72	1	79
	82	85	85	88	86	83	78	72	2	79
	82	86	86	88	87	83	79	72	3	80
	82	86	87	89	87	84	79	72	4	80
	82	87	88	90	88	85	79	73	5	81
	83	87	88	91	89	86	80	74	6	82
	84	88	90	93	92	89	82	76	7	85
85	85	93	96	95	91	84	77	8	87	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

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VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

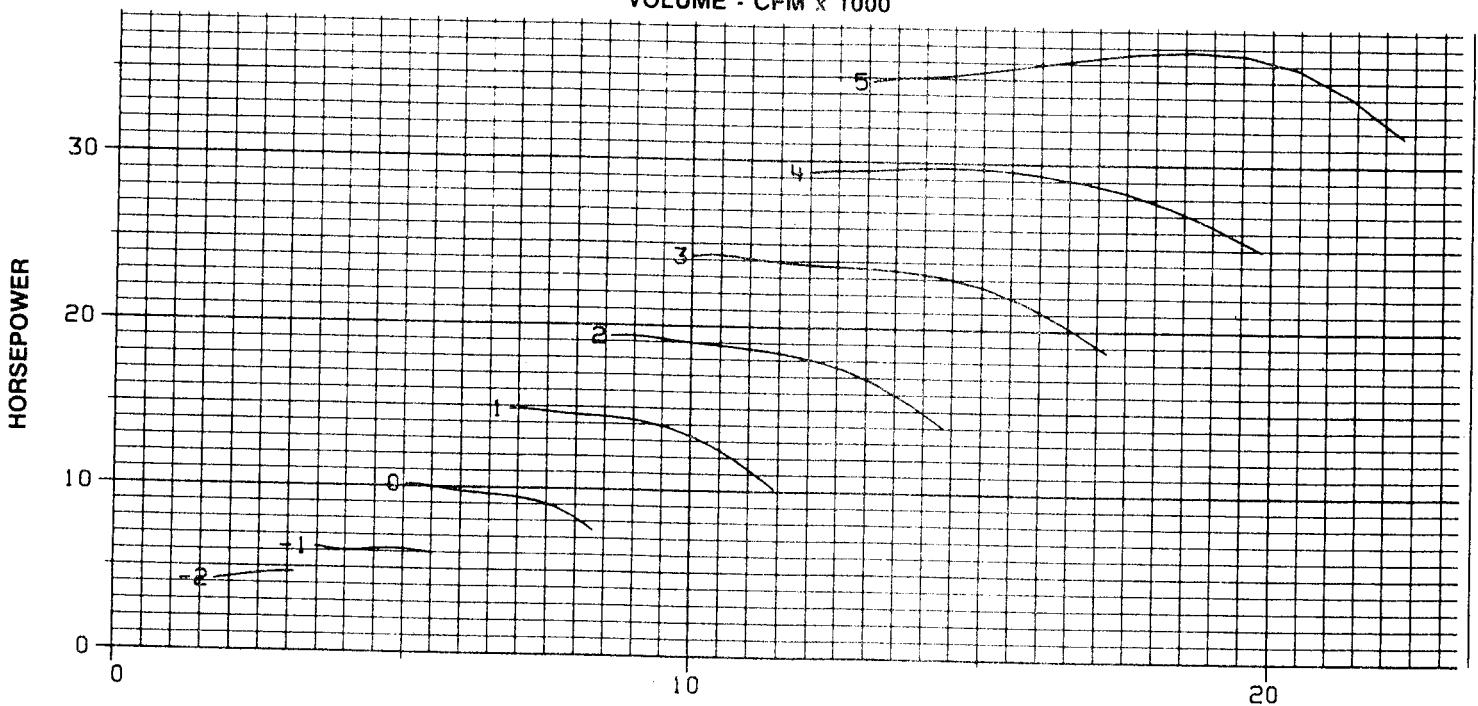
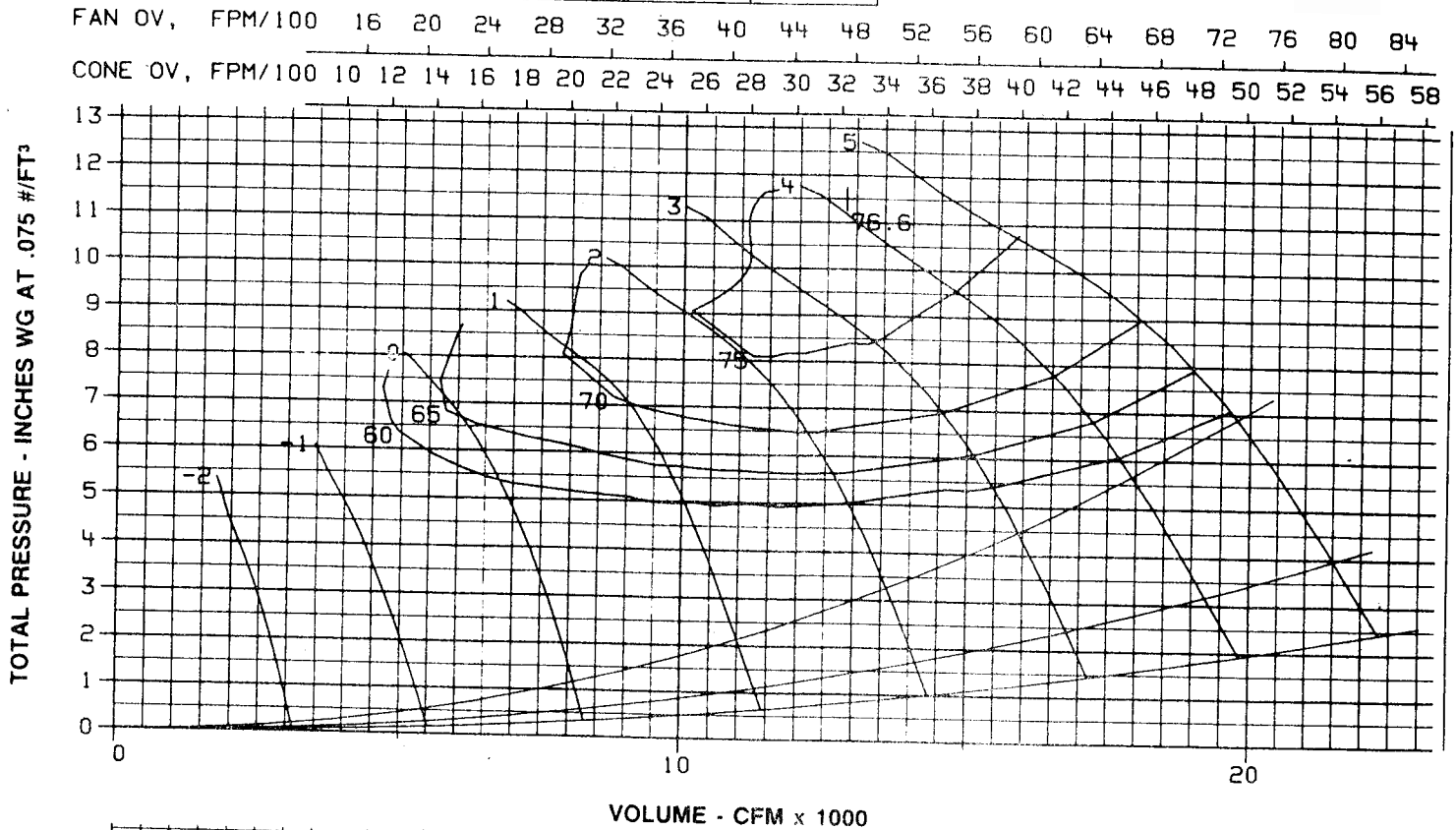
SIZE 2225-A12-3500

RPM 3500

MOTOR HP	MIN.	A/4 MAX.
	1	10

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EFFECTIVE: SEPTEMBER 2019



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 2225-A12-3500

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	92	92	101	102	103	102	99	92	-2	96
	93	94	103	102	103	103	98	91	-1	97
	94	95	104	103	104	103	98	91	0	97
	94	94	104	104	105	103	99	92	1	98
	94	93	104	105	106	103	99	93	2	99
	94	93	104	104	106	103	98	92	3	98
	93	94	103	104	105	103	97	91	4	98
	93	94	104	104	107	105	100	93	5	99
									6	
								7		
								8		
MEDIUM Medium point is read at average TP/VP of low and high points	92	92	101	101	103	102	99	92	-2	96
	91	92	101	101	102	102	99	92	-1	96
	91	92	101	100	102	103	100	93	0	96
	92	91	102	101	102	101	98	92	1	96
	93	91	102	102	103	100	97	92	2	96
	93	92	103	102	104	101	97	92	3	96
	92	93	103	103	104	101	97	92	4	97
	93	94	104	103	105	104	99	93	5	98
									6	
								7		
								8		
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	94	96	104	105	106	104	100	94	-2	99
	92	94	102	103	104	103	100	94	-1	97
	90	91	100	101	101	102	100	95	0	96
	92	91	102	101	102	101	99	94	1	96
	94	92	103	101	102	101	98	93	2	96
	94	93	103	102	103	102	98	93	3	96
	94	94	104	103	104	102	99	94	4	97
	94	94	105	104	105	103	100	94	5	98
									6	
								7		
								8		

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

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VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4

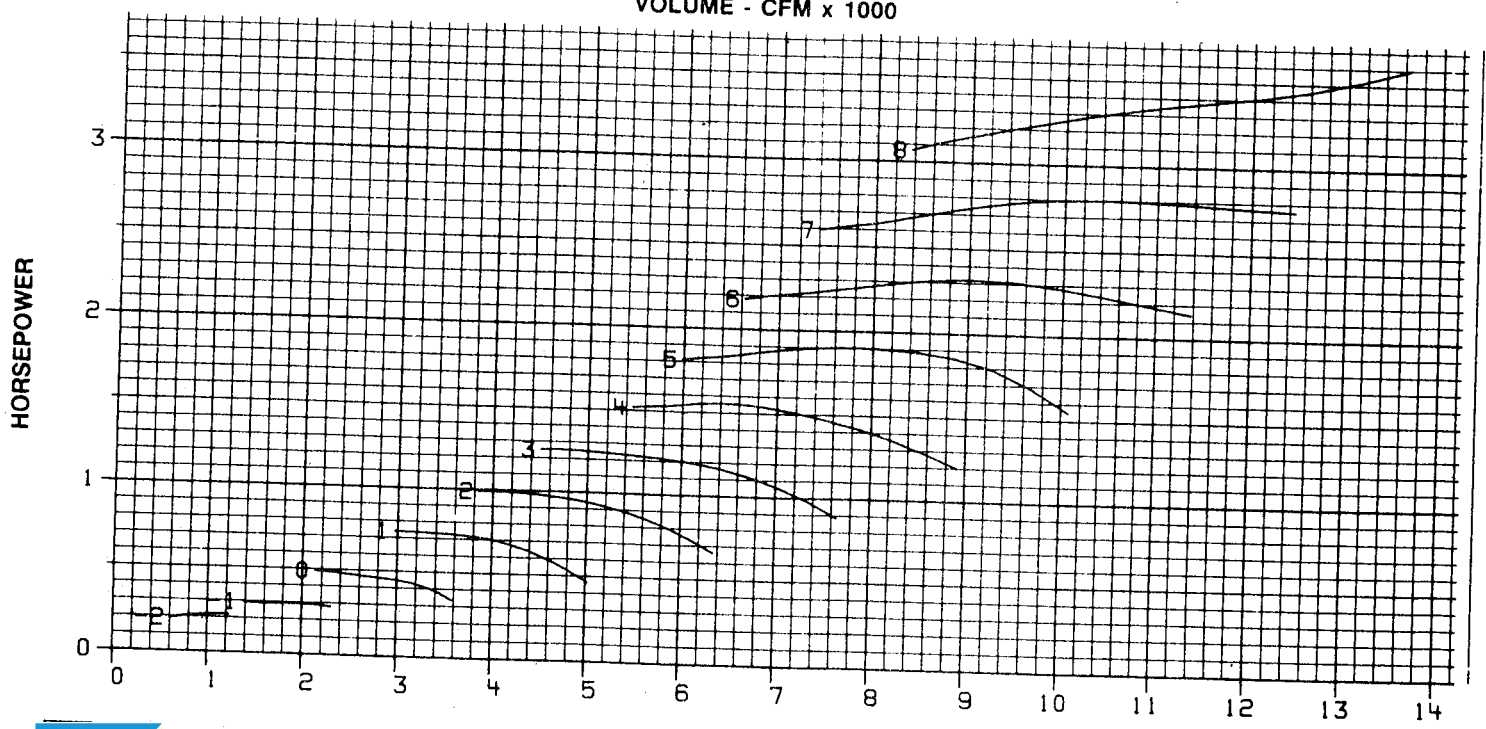
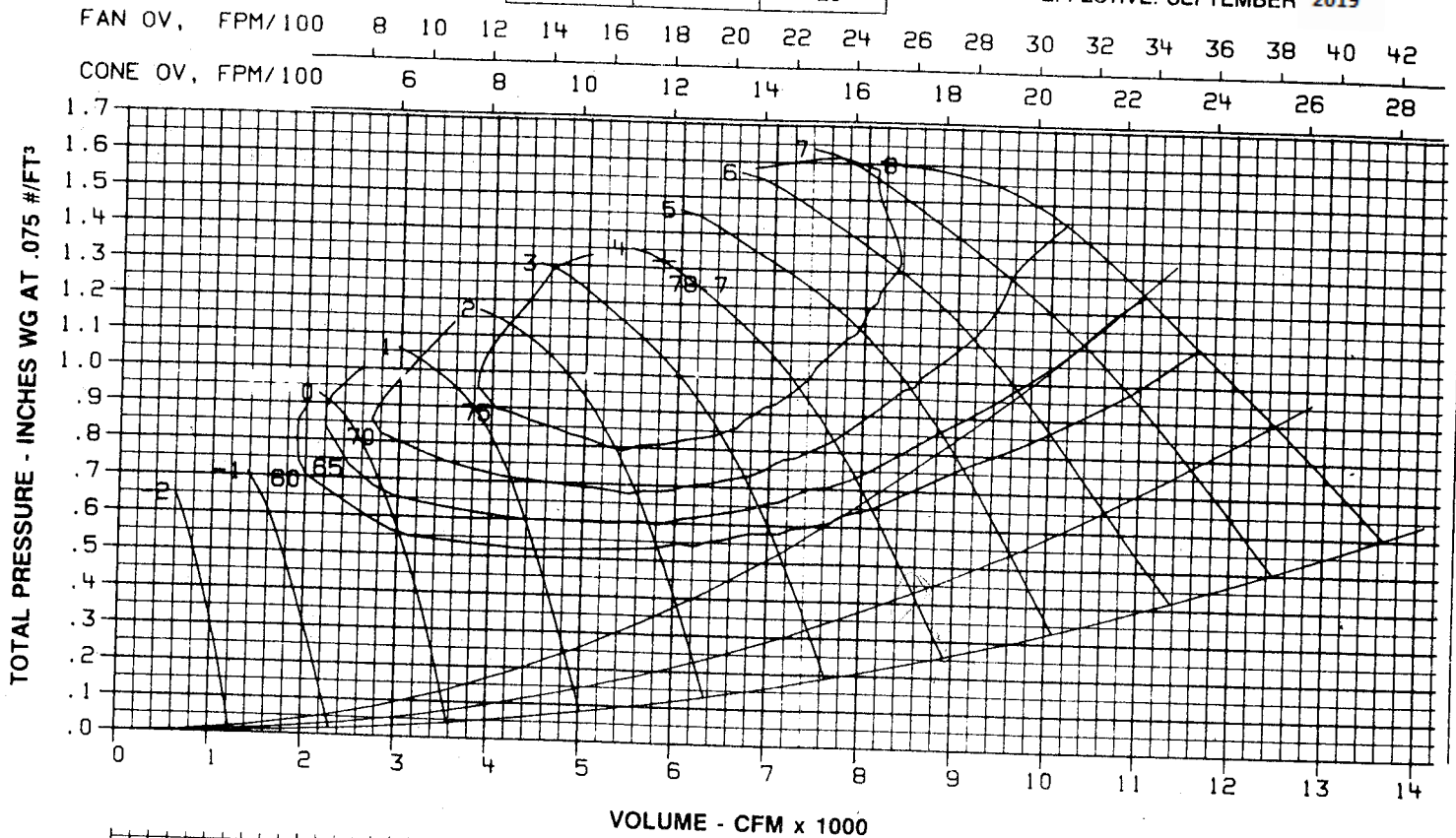


1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600
PAGE 13

SIZE 2450-A12-1160 RPM 1160

MOTOR HP	MIN.	A/4 MAX.
	7½	20

EFFECTIVE: SEPTEMBER 2019



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 2450-A12-1160

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	75	76	80	81	79	75	65	57	-2	72
	75	77	79	82	79	74	65	57	-1	72
	75	78	79	84	80	73	65	57	0	73
	76	77	83	83	80	74	66	58	1	73
	78	77	87	81	80	75	68	60	2	74
	76	76	85	82	78	77	67	60	3	72
	75	75	82	82	76	72	66	60	4	71
	75	76	83	84	79	73	66	62	5	73
	76	76	83	87	82	75	67	63	6	75
	78	77	84	90	85	78	69	66	7	78
79	77	85	93	88	81	72	68	8	81	
MEDIUM Medium point is read at average TP/VP of low and high points	74	75	79	81	79	74	65	57	-2	71
	73	74	78	81	80	75	65	57	-1	72
	72	74	76	81	80	75	66	58	0	72
	73	73	79	79	79	74	67	58	1	71
	74	73	81	78	77	73	67	59	2	70
	75	74	82	79	76	72	67	59	3	70
	75	75	82	80	76	72	66	60	4	70
	76	75	82	82	78	73	67	61	5	72
	76	76	82	85	81	75	67	63	6	74
	78	76	84	89	84	78	70	66	7	77
79	77	85	92	88	81	73	68	8	81	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	78	80	84	84	80	76	67	58	-2	74
	74	77	81	81	80	77	69	59	-1	73
	71	73	77	79	80	78	70	60	0	72
	73	74	78	79	79	76	69	60	1	71
	75	74	79	79	77	74	69	60	2	70
	76	75	80	79	77	74	69	60	3	71
	76	76	81	80	77	74	69	61	4	71
	77	76	81	81	78	75	69	62	5	72
	77	76	82	81	79	75	69	64	6	72
	78	77	85	85	82	78	70	66	7	75
79	79	87	88	85	80	72	68	8	78	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4

CHICAGO BLOWER CORPORATION

1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 2450-A12-1760

RPM 1760

MOTOR HP	MIN.	A/4 MAX.
	1½	20

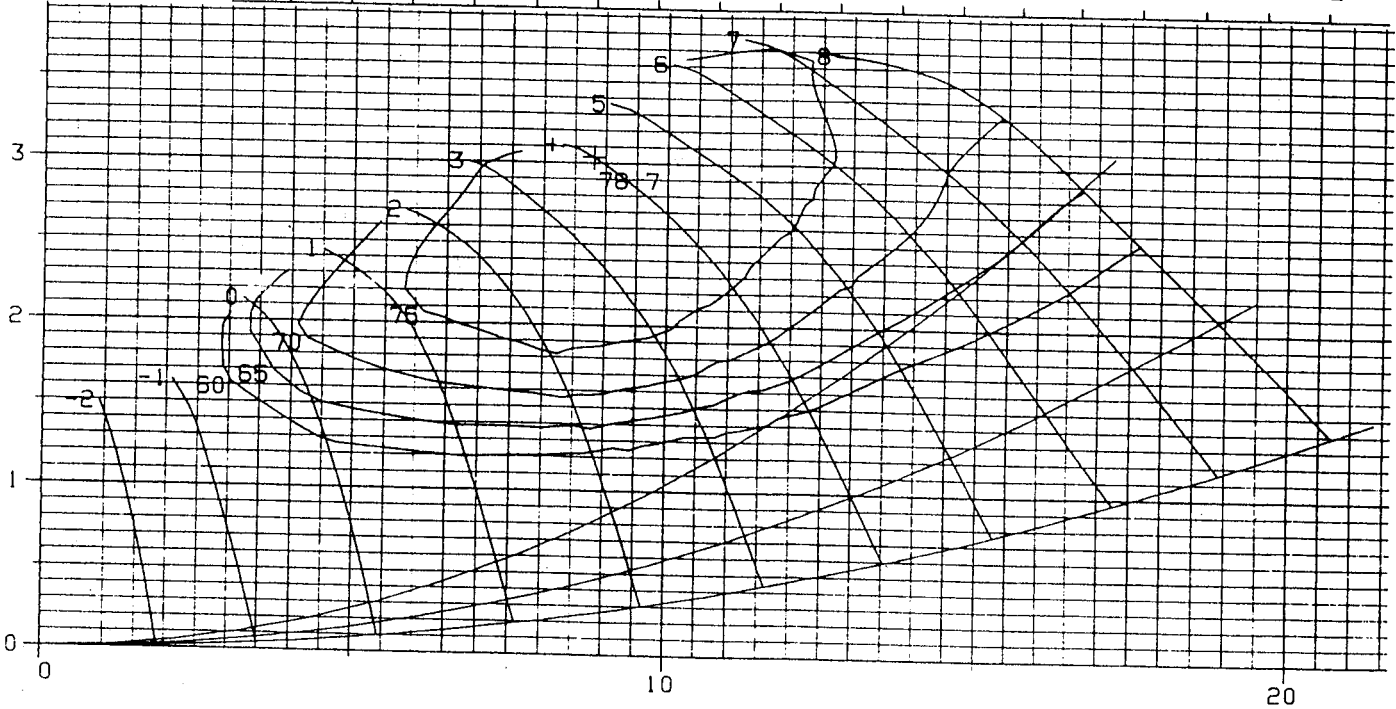
PAGE 14

EFFECTIVE: SEPTEMBER 2019

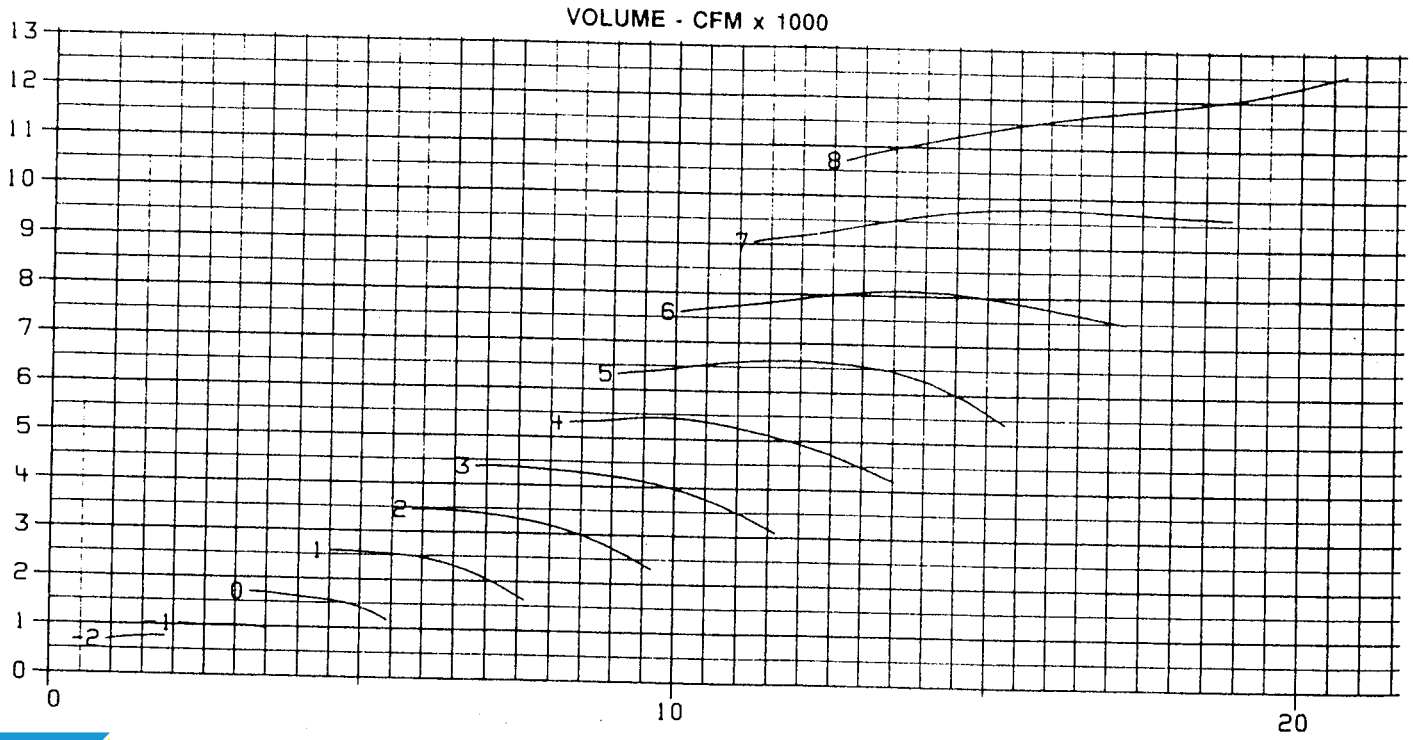
FAN OV, FPM/100 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64

CONE OV, FPM/100 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



HORSEPOWER



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 2450-A12-1760

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
HIGH High point is read at peak of curve at maximum total pressure	82	87	88	90	89	87	80	71	-2	82
	82	87	88	90	90	86	79	71	-1	82
	82	88	89	91	91	86	79	70	0	83
	84	88	90	93	91	87	80	72	1	83
	85	89	91	95	90	87	81	74	2	84
	84	87	90	93	89	85	80	73	3	83
	82	86	88	92	89	83	79	72	4	82
	83	87	89	93	91	86	80	73	5	84
	83	88	89	94	94	88	81	75	6	86
	85	89	90	96	97	91	83	77	7	88
	87	84	92	98	100	94	86	79	8	91
MEDIUM Medium point is read at average TP/VP of low and high points	82	86	87	89	89	86	80	70	-2	82
	81	85	86	89	89	87	80	71	-1	82
	80	84	85	88	90	87	81	72	0	82
	81	85	86	89	88	86	80	72	1	81
	82	85	87	90	87	84	79	73	2	80
	82	86	87	90	87	84	79	73	3	80
	82	86	88	91	87	83	79	73	4	81
	83	87	88	92	90	86	80	74	5	82
	83	88	89	93	92	88	81	74	6	84
	85	89	90	95	96	91	84	77	7	87
	87	84	92	98	100	94	86	80	8	91
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	85	90	92	94	91	88	82	73	-2	84
	82	87	89	91	90	88	83	74	-1	83
	79	84	85	87	89	88	84	75	0	82
	80	85	86	88	88	87	82	75	1	81
	82	86	86	89	87	85	81	74	2	81
	83	87	87	89	88	85	81	74	3	81
	84	88	88	90	88	85	81	74	4	81
	84	88	88	91	89	86	81	75	5	82
	84	88	89	91	90	87	82	76	6	83
	85	89	90	94	93	90	84	77	7	86
	86	86	95	97	96	92	86	79	8	88

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

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VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600
PAGE 15

SIZE 2450-A12-3500

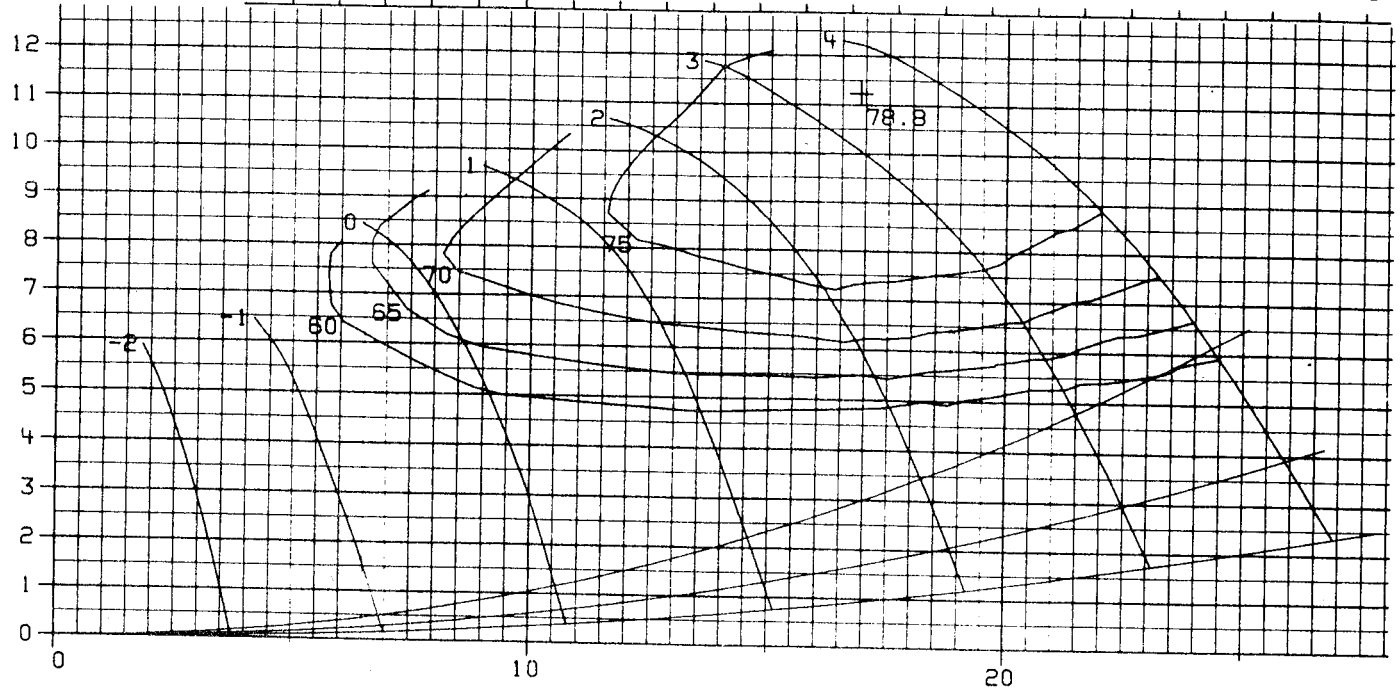
RPM 3500

MOTOR HP	MIN.	A/4 MAX.
	7½	20

EFFECTIVE: SEPTEMBER 2019

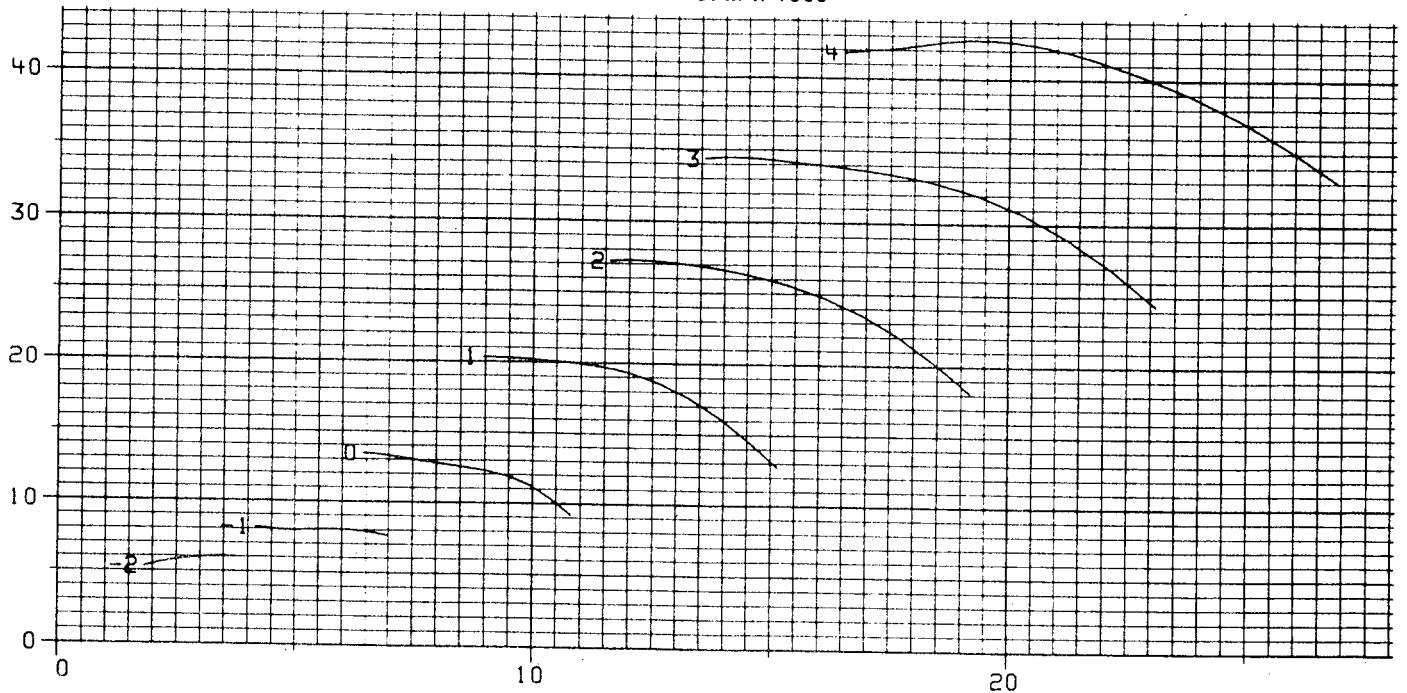
FAN OV, FPM/100 16 20 24 28 32 36 40 44 48 52 56 60 64 68 72 76 80 84
 CONE OV, FPM/100 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



VOLUME - CFM x 1000

HORSEPOWER



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.



1675 GLEN ELLYN ROAD
 GLENDALE HEIGHTS, ILLINOIS 60139
 Phone 708-858-2600

EFFECTIVE: SEPTEMBER 2019

PAGE 15S

FAN MODEL: 2450-A12-3500

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	94	95	103	104	105	104	101	95	-2	99
	94	96	104	104	105	105	101	94	-1	99
	94	97	104	104	106	106	101	94	0	100
	95	96	105	106	107	106	102	95	1	100
	97	96	105	107	109	105	102	96	2	101
	96	95	104	106	108	104	100	95	3	100
	94	94	103	104	107	104	98	93	4	99
									5	
									6	
								7		
								8		
MEDIUM Medium point is read at average TP/VP of low and high points	94	94	103	103	104	104	101	94	-2	98
	93	94	102	102	103	104	102	95	-1	98
	92	93	101	101	103	105	102	95	0	98
	93	93	102	102	104	103	101	95	1	97
	94	92	102	103	105	102	99	94	2	97
	94	93	103	103	105	102	99	94	3	97
	94	94	103	104	105	102	98	94	4	98
									5	
									6	
								7		
								8		
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	97	99	107	108	109	106	102	96	-2	101
	94	96	104	105	105	105	103	98	-1	99
	91	93	101	101	102	104	103	99	0	98
	92	93	102	102	103	103	101	97	1	97
	94	93	103	102	104	102	100	96	2	97
	95	94	105	103	104	103	100	96	3	98
	96	95	105	104	105	103	100	96	4	98
									5	
									6	
								7		
								8		

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet LwI sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

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VAV

VANEAXIAL FAN
ADJUSTABLE PITCH
CONTROLLABLE PITCH

ARRANGEMENT
4

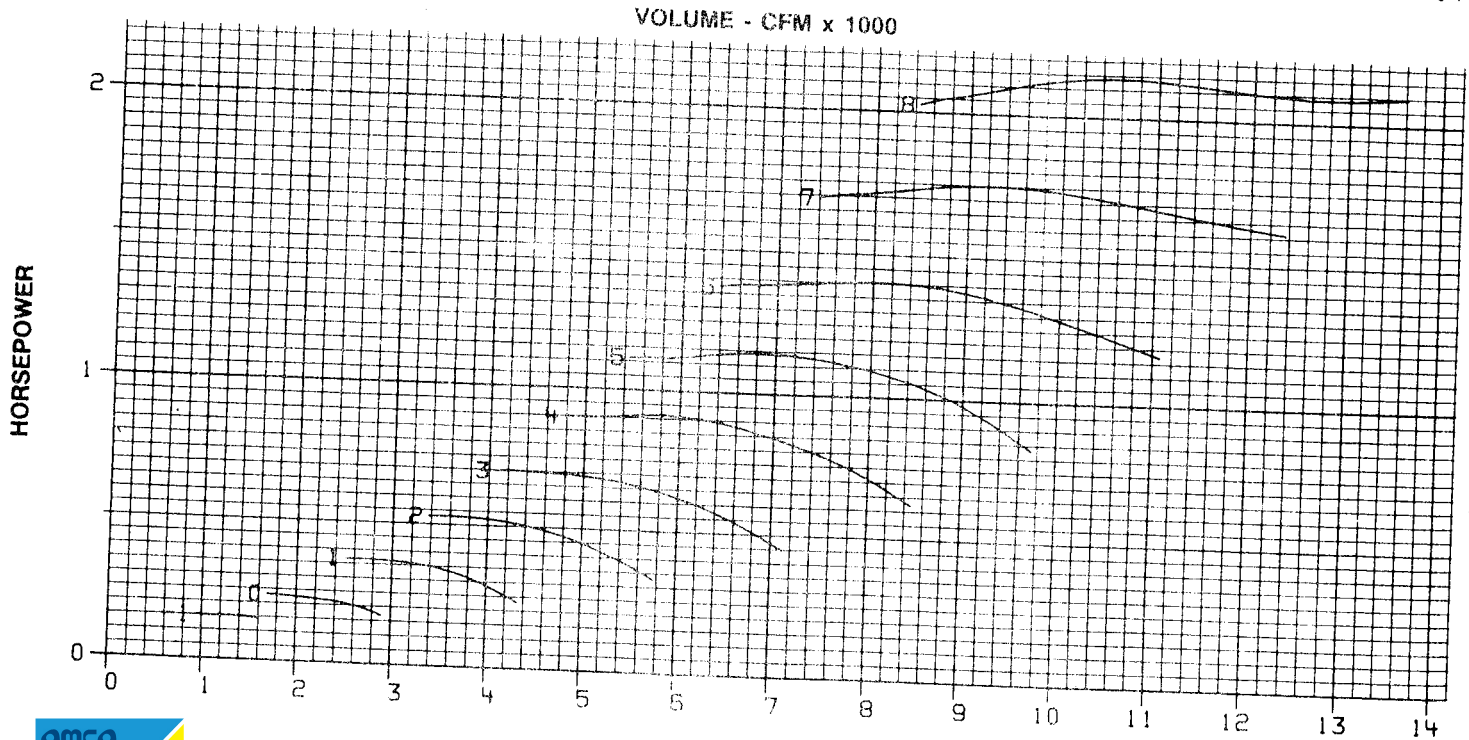
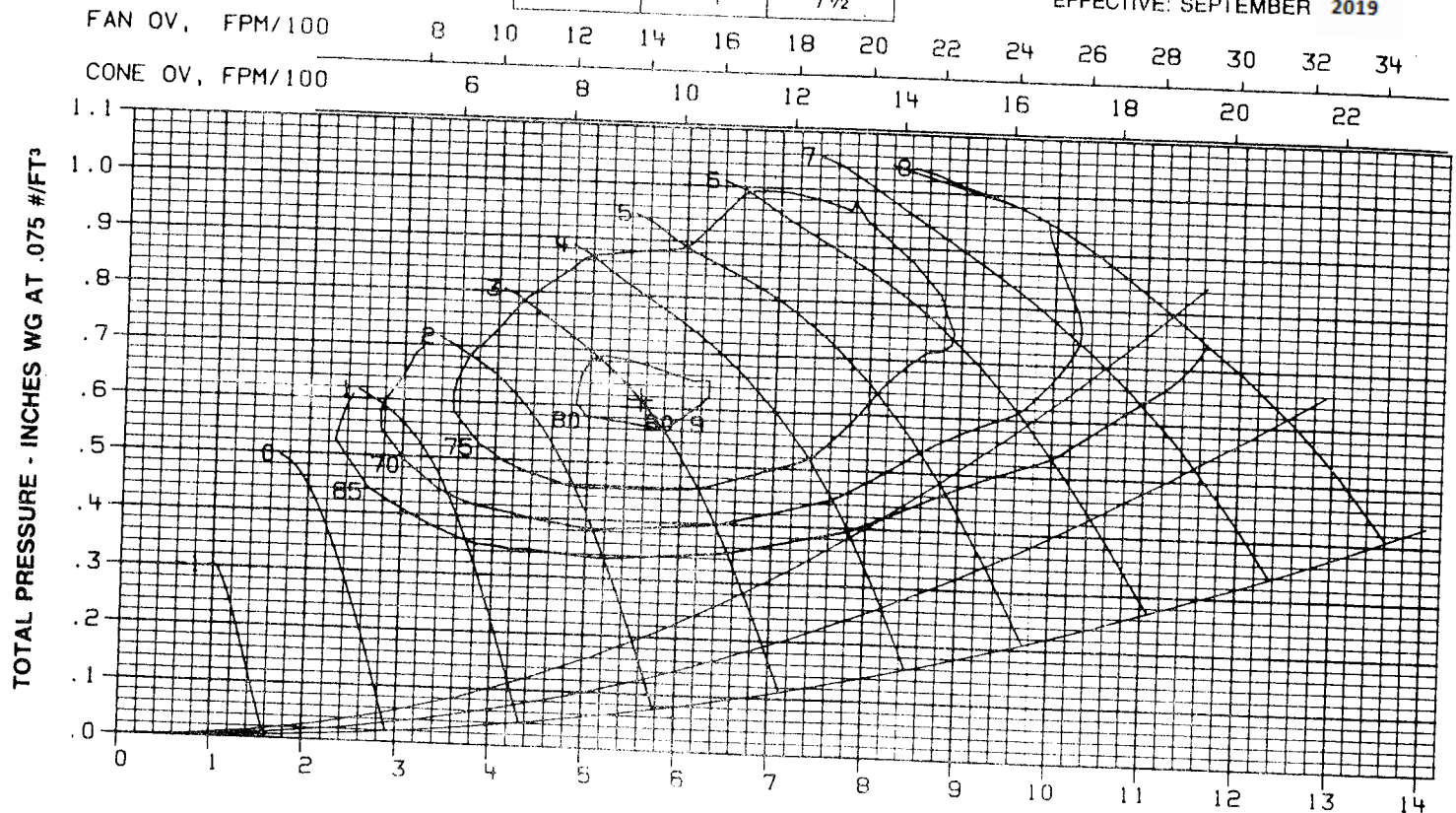


SIZE 2700-A12- 890 RPM 890

1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600
PAGE 16

MOTOR HP	MIN	A/4 MAX.
	1	7½

EFFECTIVE: SEPTEMBER 2019



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 2700-A12-890

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	69	74	77	78	74	68	60	51	-1	67
	69	73	77	78	74	68	60	51	0	67
	70	74	78	79	75	69	61	53	1	68
	71	75	80	78	76	70	62	54	2	69
	70	74	79	77	74	69	62	55	3	68
	70	73	78	77	72	67	61	55	4	68
	71	74	80	79	75	68	62	57	5	69
	72	75	81	82	77	69	63	59	6	71
	74	77	83	85	79	72	65	62	7	73
79	77	85	90	86	79	70	67	8	79	
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	68	72	76	77	75	69	60	52	-1	67
	67	71	75	76	75	69	61	62	0	67
	68	71	75	76	74	69	61	53	1	66
	69	72	76	75	73	69	62	53	2	66
	69	72	77	75	73	68	62	54	3	66
	69	73	78	75	72	68	62	55	4	66
	71	74	79	78	74	69	62	57	5	68
	72	75	80	81	76	70	63	59	6	70
	74	77	83	84	79	72	66	61	7	73
80	78	85	91	86	79	71	67	8	79	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	69	74	78	79	76	71	63	53	-1	68
	66	71	75	76	76	72	64	54	0	68
	68	71	75	75	74	71	64	54	1	67
	67	71	75	74	73	69	63	54	2	66
	70	72	76	75	73	69	63	55	3	66
	71	74	77	75	73	69	63	55	4	66
	72	74	78	77	74	70	64	57	5	68
	73	75	78	78	76	70	64	59	6	69
	75	78	82	82	79	73	66	62	7	72
80	80	87	87	85	79	71	67	8	77	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet LwI sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

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VAV

VANEAXIAL FAN
ADJUSTABLE PITCH
CONTROLLABLE PITCH

ARRANGEMENT
4

CHICAGO BLOWER CORPORATION

SIZE 2700-A12-1160

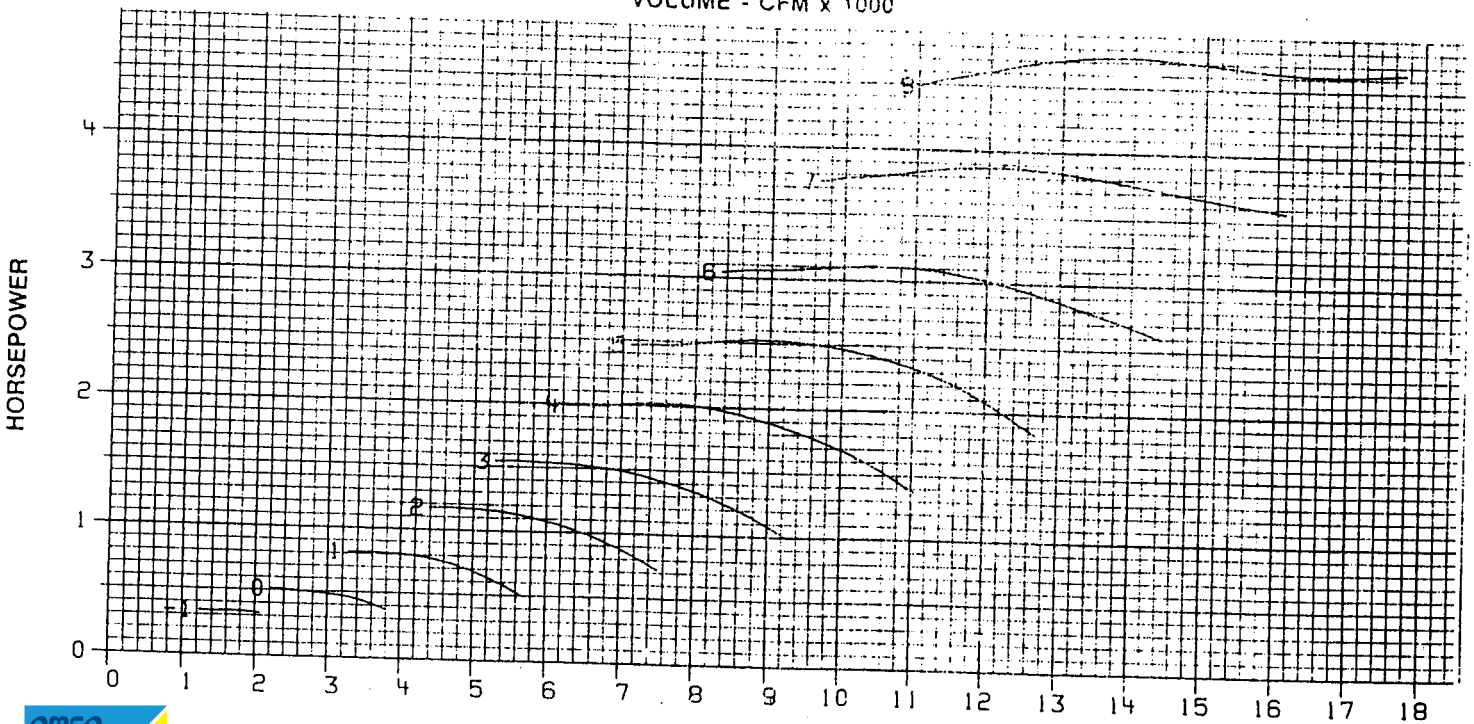
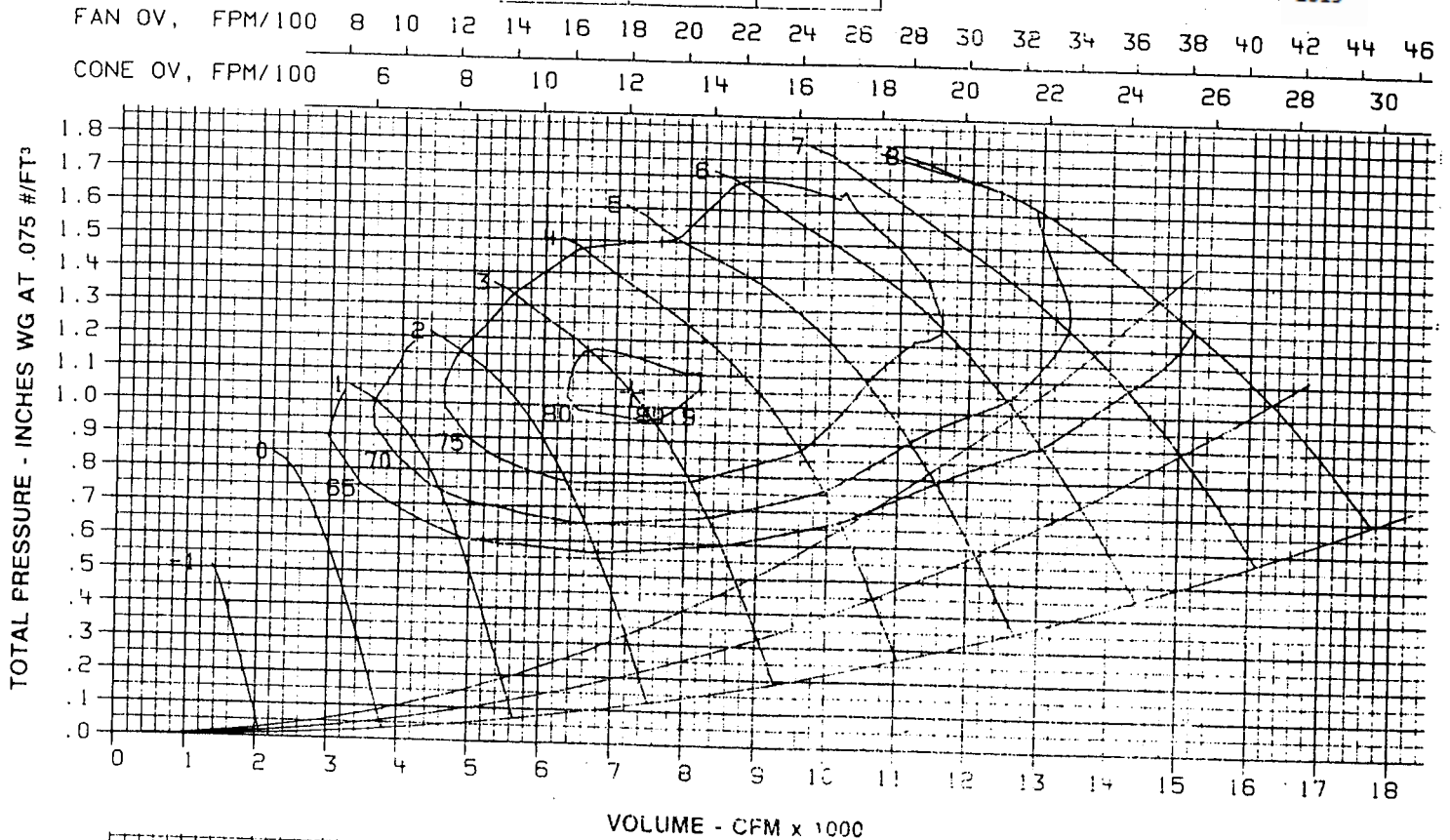
RPM 1:60

1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

PAGE 17

MOTOR HP	MIN.	A/4 MAX.
	1	10

EFFECTIVE: SEPTEMBER 2019



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.



1675 GLEN ELLYN ROAD
 GLENDALE HEIGHTS, ILLINOIS 60139
 Phone 708-858-2600

EFFECTIVE: SEPTEMBER 2019

PAGE 17S

FAN MODEL: 2700-A12-1160

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	75	79	83	84	82	77	69	60	-1	75
	75	79	82	85	82	76	69	60	0	74
	77	78	85	84	82	77	70	62	1	75
	79	78	88	83	83	78	71	63	2	76
	78	77	86	84	81	77	70	63	3	75
	77	77	85	84	79	75	69	63	4	74
	78	78	85	87	82	77	70	65	5	76
	79	79	86	89	86	78	70	67	6	78
81	80	88	92	88	81	72	69	7	81	
84	82	89	95	90	83	75	71	8	83	
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	74	77	81	83	82	78	69	61	-1	74
	73	75	80	82	82	78	70	61	0	74
	75	75	81	81	81	77	71	62	1	73
	77	75	83	80	80	76	71	62	2	73
	77	76	84	81	80	76	70	63	3	73
	77	76	84	82	79	75	70	63	4	73
	78	78	85	85	82	77	70	65	5	75
	80	79	85	87	84	78	70	66	6	77
82	81	88	91	88	81	73	69	7	80	
84	83	90	95	91	84	76	72	8	84	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	75	79	84	84	83	79	72	63	-1	75
	73	76	81	81	82	80	73	63	0	75
	75	76	81	81	81	78	73	63	1	74
	77	75	81	81	80	76	72	63	2	73
	78	77	82	81	80	76	72	64	3	73
	79	78	84	82	80	76	72	64	4	73
	80	79	84	83	81	78	72	65	5	75
	81	80	85	84	83	79	72	67	6	76
82	82	88	88	86	81	74	69	7	79	
84	84	92	92	89	84	75	72	8	82	

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VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 2700-A12-1760

RPM 1760

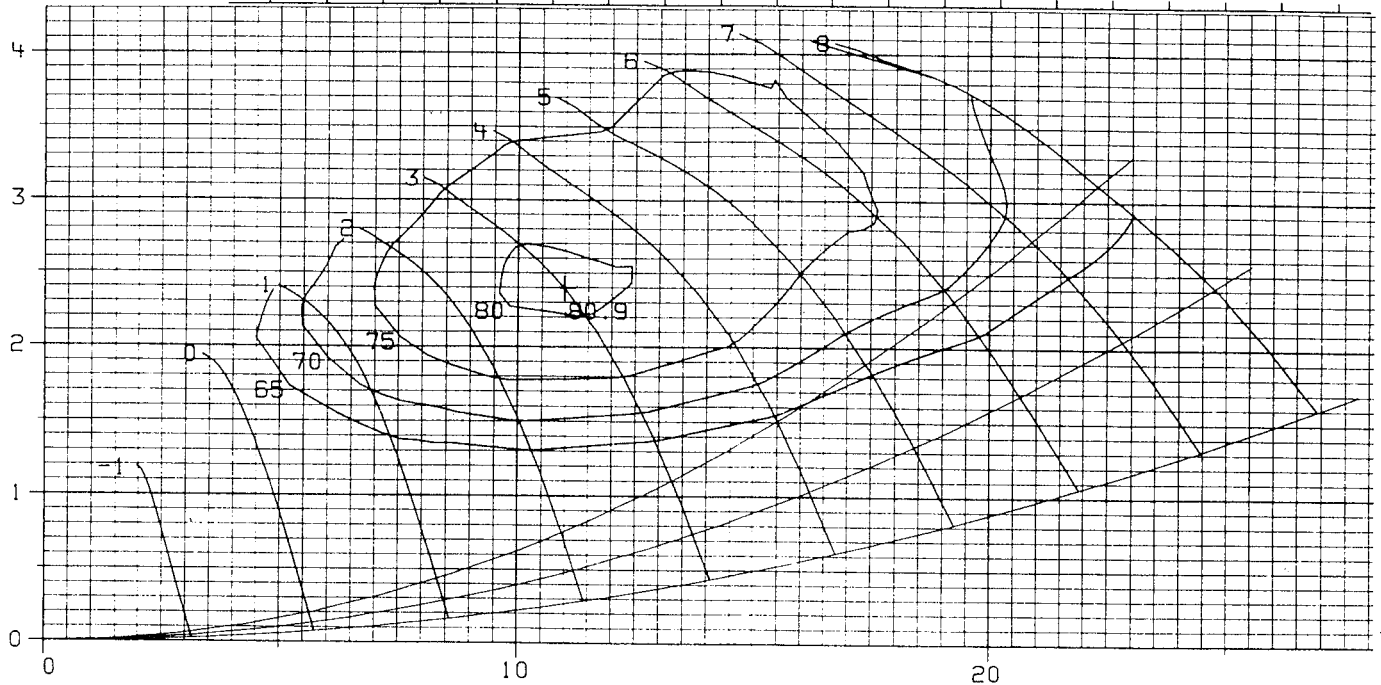
MOTOR HP	MIN.	A/4 MAX.
	2	20

PAGE 18

EFFECTIVE: SEPTEMBER 2019

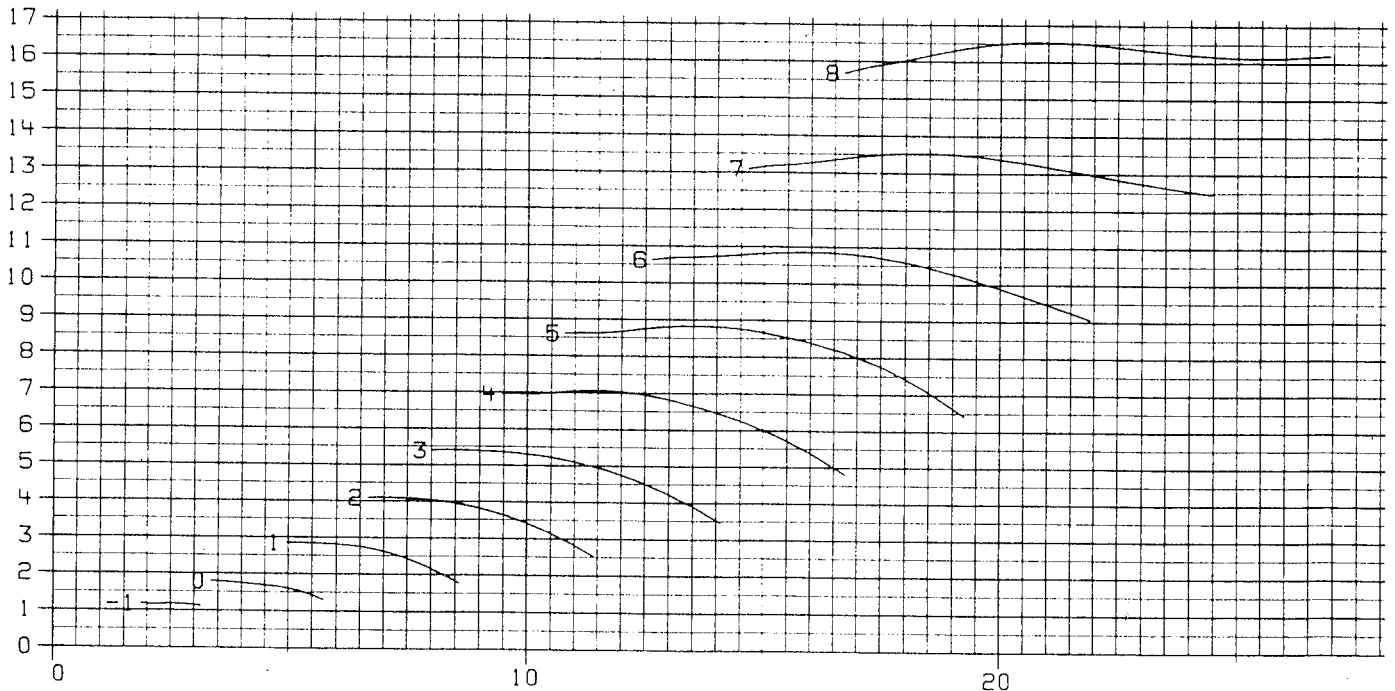
FAN OV, FPM/100 12 16 20 24 28 32 36 40 44 48 52 56 60 64 68
 CONE OV, FPM/100 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



VOLUME - CFM x 1000

HORSEPOWER



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

BULLETIN VAV-47

FAN MODEL: 2700-A12-1760

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	82	88	91	93	93	89	83	74	-1	85
	82	88	90	93	93	89	82	75	0	85
	84	89	91	94	93	90	84	76	1	85
	87	90	92	96	92	90	85	77	2	86
	85	89	91	95	92	89	83	77	3	85
	84	88	90	94	91	87	82	76	4	84
	85	89	91	96	94	89	83	77	5	86
	86	91	92	97	97	92	84	78	6	89
	89	93	93	99	100	94	86	80	7	91
91	89	97	102	97	90	82	78	8	91	
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	81	86	89	92	92	89	83	75	-1	84
	80	85	87	90	91	89	84	76	0	84
	82	86	88	91	90	89	84	76	1	83
	84	87	88	91	89	88	83	77	2	83
	84	88	89	92	90	87	83	76	3	83
	84	88	90	93	90	87	82	76	4	84
	86	90	91	95	93	89	83	77	5	85
	87	91	92	96	95	91	84	78	6	87
	89	93	94	99	99	94	87	80	7	91
91	90	97	102	98	91	83	79	8	91	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	82	88	91	93	92	90	86	77	-1	85
	80	85	88	91	91	90	87	78	0	85
	82	86	88	91	90	89	85	78	1	84
	84	88	88	91	89	87	84	78	2	83
	85	89	89	92	90	87	84	78	3	83
	86	90	91	93	90	88	84	78	4	84
	87	91	91	94	92	89	84	78	5	85
	88	92	92	94	93	90	85	79	6	86
	90	94	95	98	96	93	87	81	7	89
91	91	99	99	97	91	83	79	8	89	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4

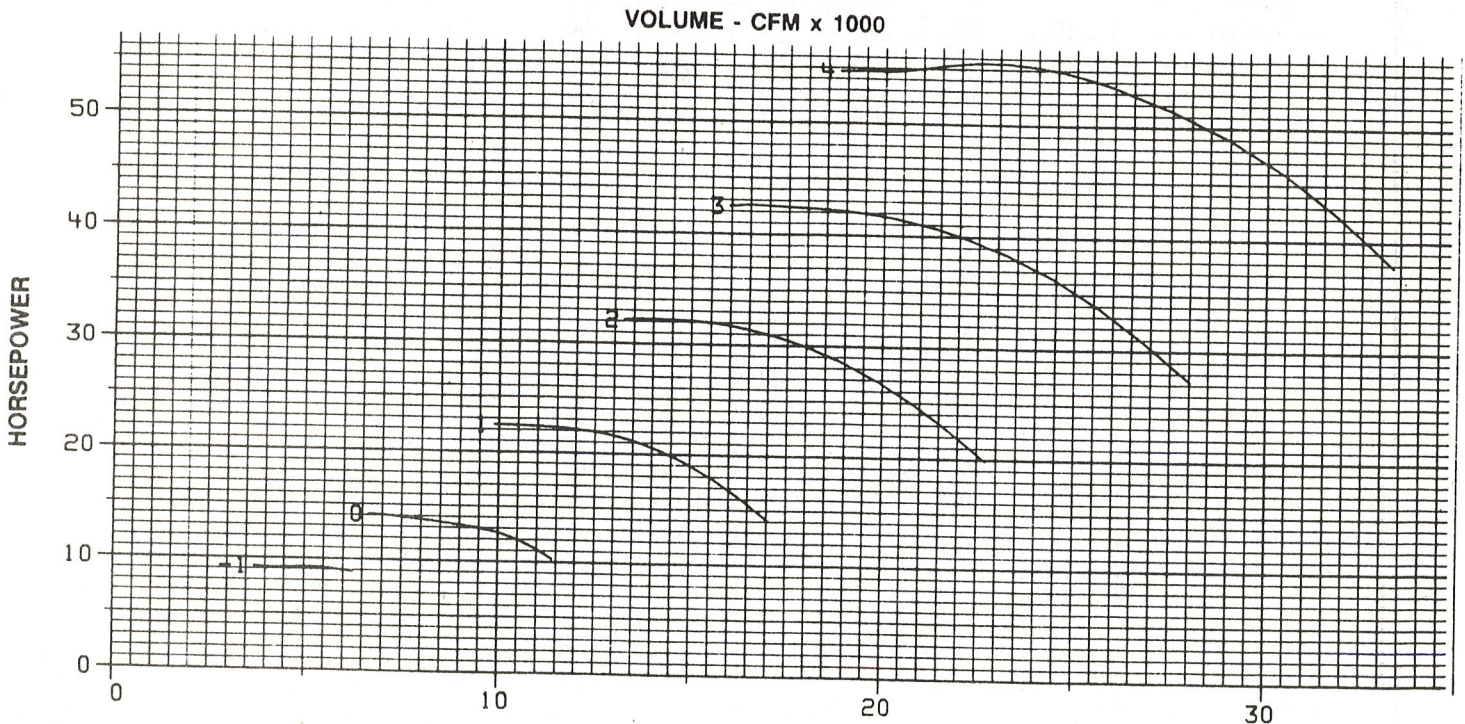
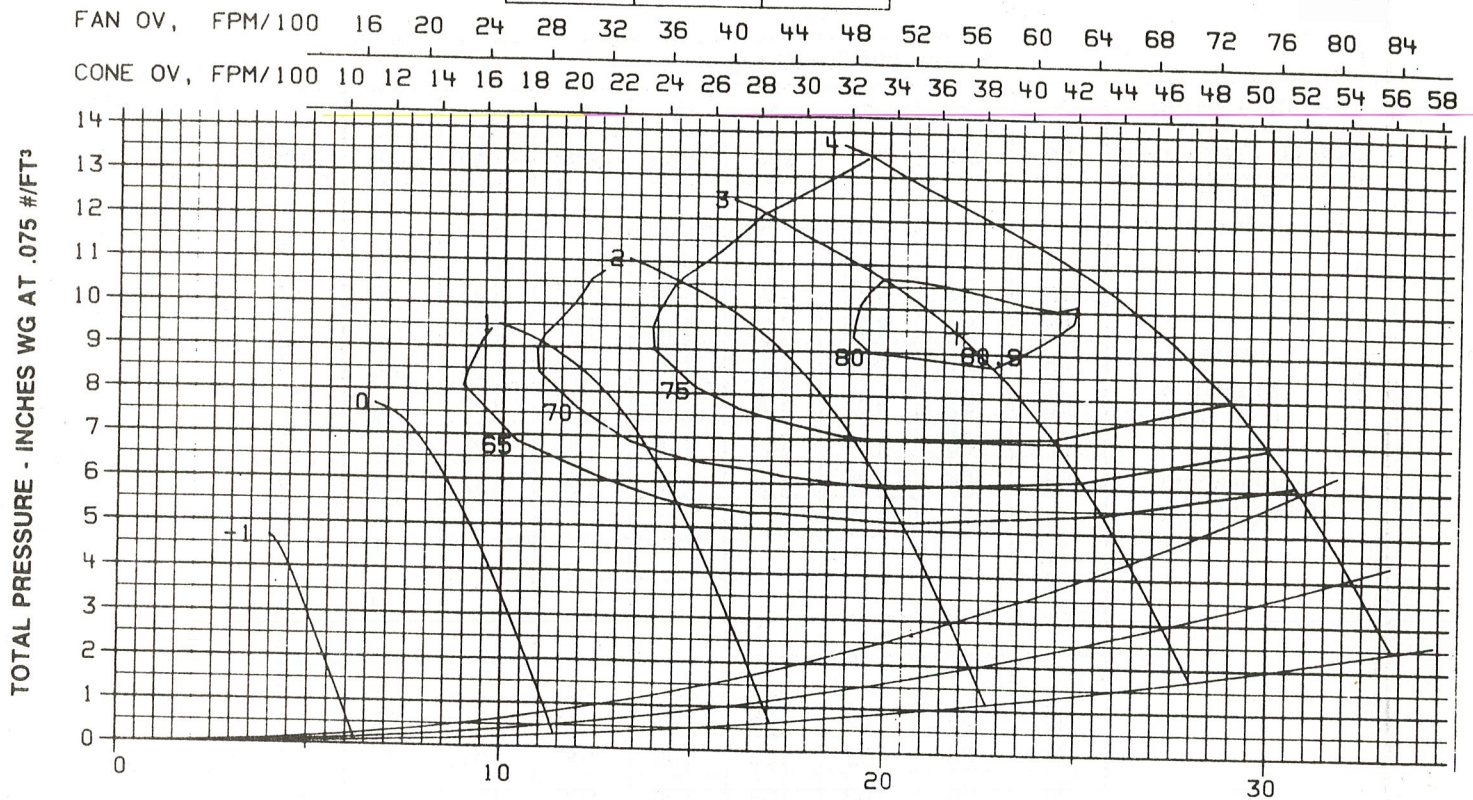
CHICAGO BLOWER CORPORATION

SIZE 2700-A12-3500 RPM 3500

1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600
PAGE 19

MOTOR HP	MIN.	A/4 MAX.
	7½	20

EFFECTIVE: SEPTEMBER 2019



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 2700-A12-3500

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	94	98	105	107	108	107	104	98	-1	101
	94	98	105	106	108	107	103	97	0	101
	96	97	106	107	109	107	104	98	1	102
	99	97	107	108	111	107	105	100	2	103
	97	96	106	107	110	107	103	98	3	102
	96	96	105	106	109	106	102	97	4	101
									5	
									6	
								7		
								8		
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	93	96	103	105	107	107	104	98	-1	101
	92	95	102	103	105	106	104	99	0	100
	94	94	103	104	106	105	103	98	1	100
	96	94	104	104	106	104	103	98	2	99
	96	95	105	105	107	105	102	98	3	100
	96	95	105	106	108	105	102	97	4	100
									5	
									6	
								7		
								8		
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	94	98	105	107	108	107	105	100	-1	102
	92	95	102	104	106	106	105	101	0	100
	94	95	103	104	106	105	104	100	1	100
	96	95	104	104	105	104	102	99	2	99
	97	96	106	105	107	105	102	99	3	100
	98	97	107	107	108	105	102	99	4	101
									5	
									6	
								7		
								8		

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



SIZE 3000-A12- 890

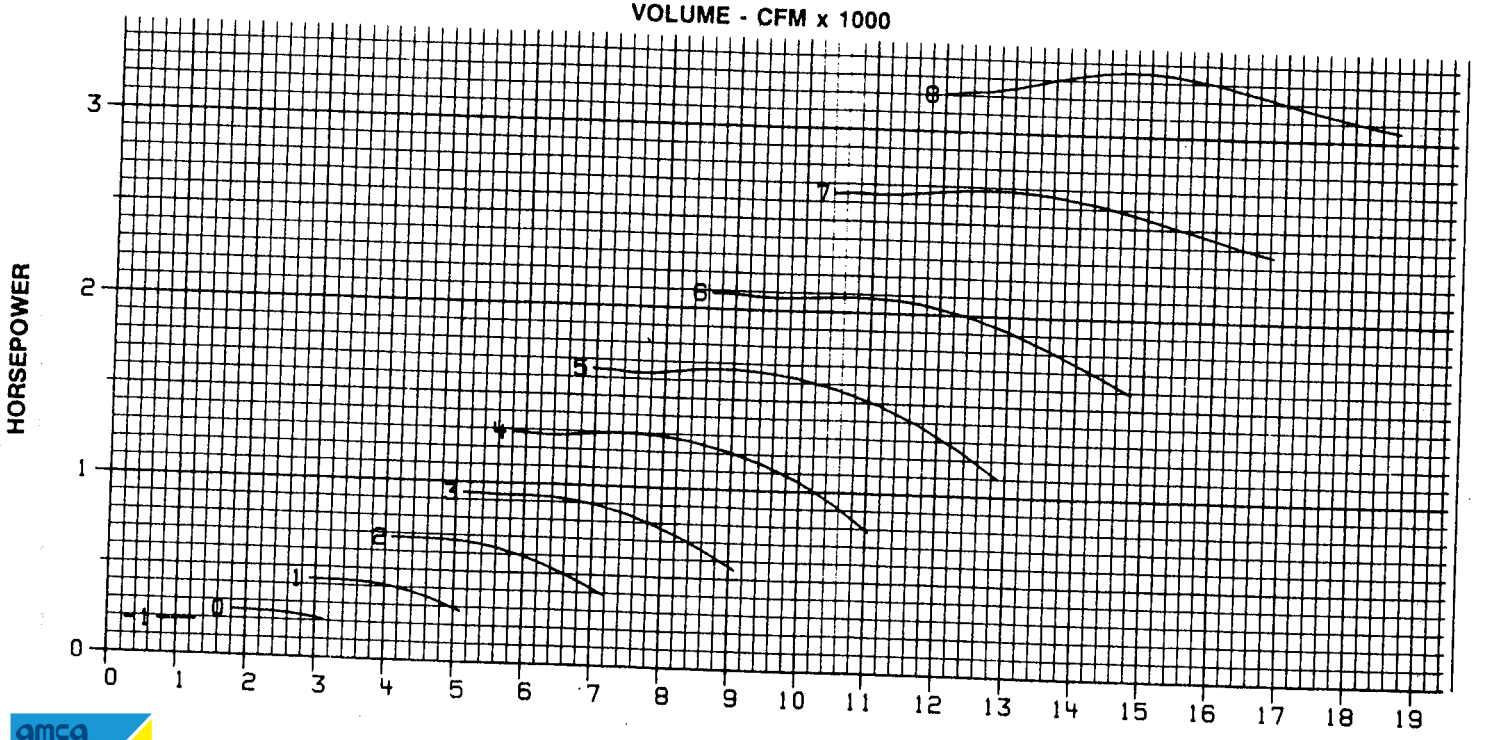
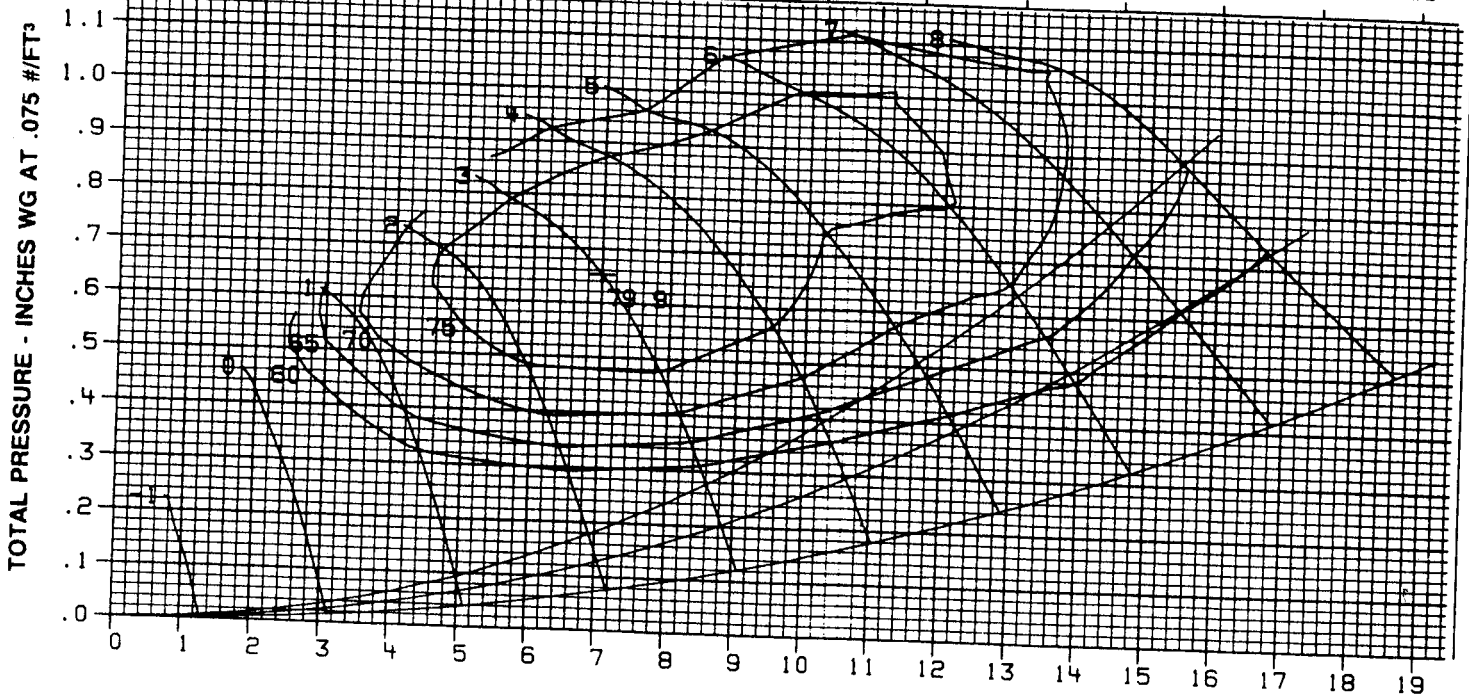
RPM 890

1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600
PAGE 20

MOTOR HP	MIN.	A/4 MAX.
	1	7½

EFFECTIVE: SEPTEMBER 2019

FAN OV, FPM/100 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38
 CONE OV, FPM/100 6 8 10 12 14 16 18 20 22 24 26



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 3000-A12-890

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	70	77	81	80	77	72	64	55	-1	70
	70	76	79	79	76	72	64	55	0	69
	72	77	80	80	78	73	65	56	1	70
	74	77	81	80	79	74	66	57	2	72
	73	77	81	80	77	72	66	58	3	70
	73	76	81	79	76	71	65	58	4	69
	74	78	83	82	78	72	66	61	5	72
	76	79	84	85	81	73	67	63	6	74
	79	82	87	88	83	75	69	65	7	76
85	83	90	93	88	81	73	70	8	82	
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	70	76	80	80	78	72	64	56	-1	70
	68	74	78	78	77	73	65	56	0	69
	70	74	78	78	77	73	66	56	1	69
	72	74	78	78	77	73	66	57	2	69
	72	75	79	78	76	72	66	58	3	69
	72	76	81	78	78	71	66	59	4	69
	75	77	82	81	78	72	66	60	5	71
	77	79	83	84	80	73	66	62	6	73
	80	82	86	87	83	76	69	65	7	77
86	85	91	94	90	83	75	71	8	83	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	71	78	81	80	78	84	66	57	-1	71
	69	76	79	78	78	75	67	57	0	71
	70	75	78	77	77	74	67	57	1	69
	72	74	77	76	75	73	67	58	2	68
	73	76	78	77	75	72	67	58	3	69
	75	78	80	78	75	72	67	59	4	69
	77	79	81	80	78	73	67	61	5	71
	78	80	82	82	80	74	67	62	6	72
	81	83	86	85	83	77	70	65	7	76
86	87	92	91	89	84	75	71	8	82	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lw sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV

VANEAXIAL FAN
ADJUSTABLE PITCH
CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 3000-A12-1160

RPM 1160

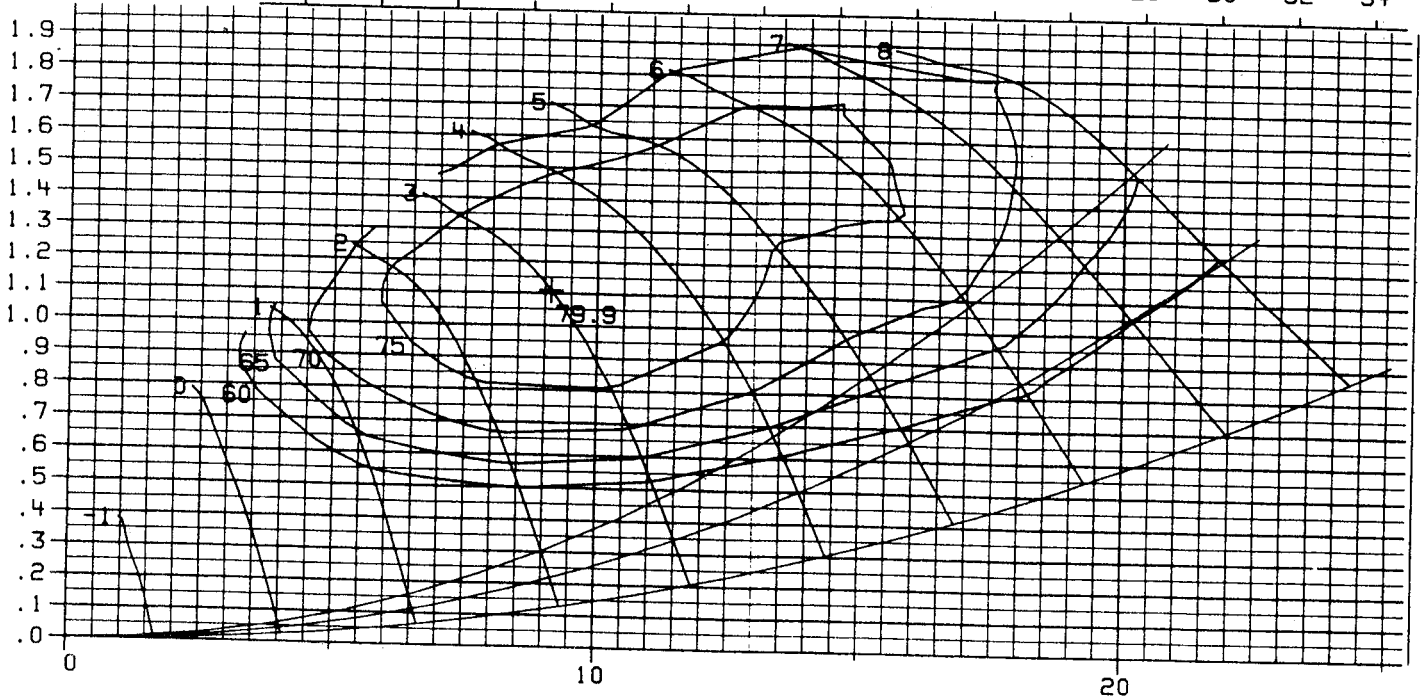
MOTOR HP	MIN.	A/4 MAX.
		1

PAGE 21

EFFECTIVE: SEPTEMBER 2019

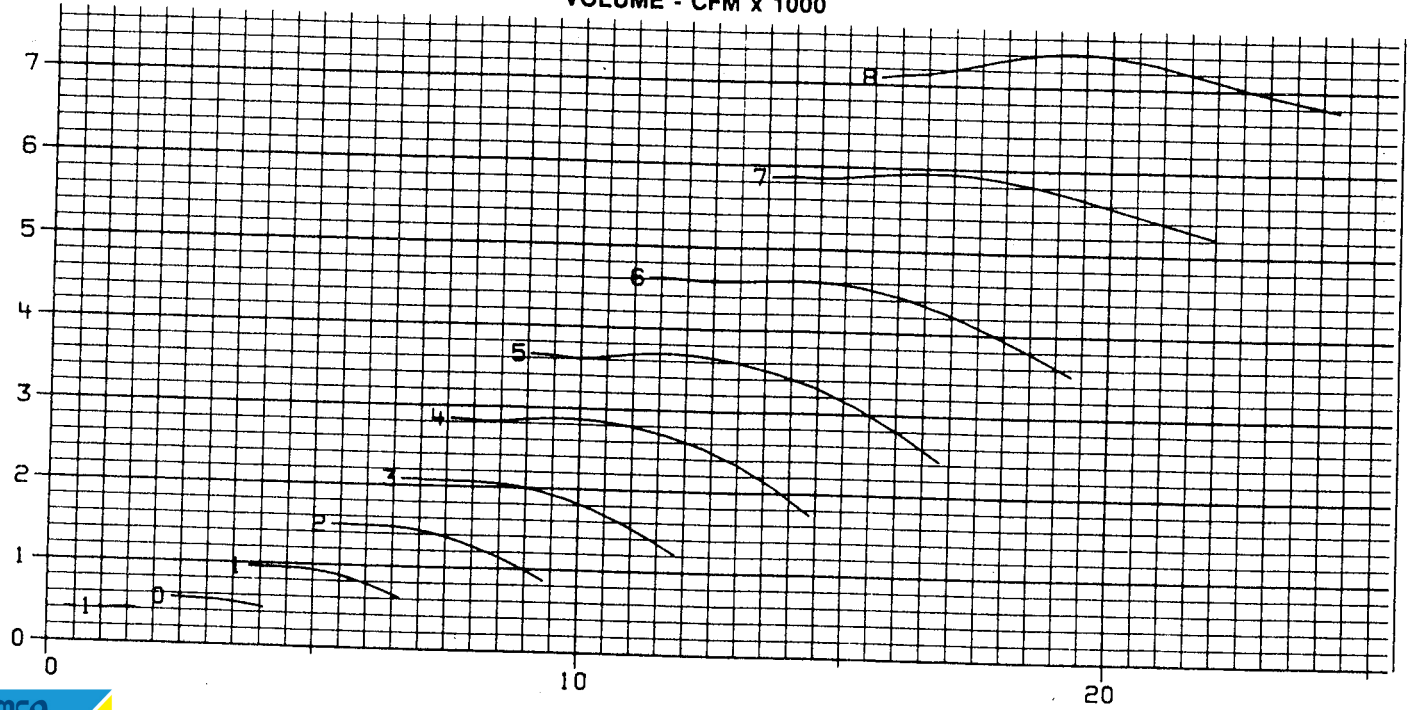
FAN OV, FPM/100 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50
 CONE OV, FPM/100 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



VOLUME - CFM x 1000

HORSEPOWER



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Performance shown is for vaneaxial fans with inlet bell and outlet duct

FAN MODEL: 3000-A12-1160

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP									-2	
HIGH High point is read at peak of curve at maximum total pressure									-1	77
	76	81	87	86	85	80	73	64	0	76
	75	80	85	85	83	80	74	64	1	77
	79	80	87	85	85	81	74	65	2	79
	82	80	88	86	87	82	75	66	3	78
	81	80	88	86	85	80	74	67	4	77
	80	79	87	86	83	79	73	67	5	79
	82	81	88	89	86	80	74	68	6	82
	83	83	89	92	89	82	74	70	7	84
	85	85	92	95	91	84	76	72	8	86
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	75	80	86	86	85	81	74	65	-1	77
	74	78	84	84	84	81	75	65	0	76
	77	78	84	83	84	81	75	66	1	76
	80	78	84	83	84	80	75	66	2	76
	80	78	86	84	84	80	75	67	3	76
	80	79	88	85	83	79	74	67	4	76
	82	87	88	88	86	81	74	68	5	78
	85	83	88	90	88	82	74	69	6	80
	88	87	92	94	91	85	77	72	7	84
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	76	82	87	86	85	82	76	66	-1	78
	75	79	86	84	84	83	77	67	0	77
	77	79	85	83	83	81	77	67	1	76
	80	78	83	82	82	79	77	67	2	75
	81	80	85	83	82	79	76	67	3	76
	83	82	87	84	82	79	75	68	4	76
	85	83	87	86	85	81	75	69	5	78
	86	85	88	87	87	83	75	70	6	79
	89	88	92	92	91	85	77	73	7	83
91	92	97	96	94	88	80	76	8	86	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

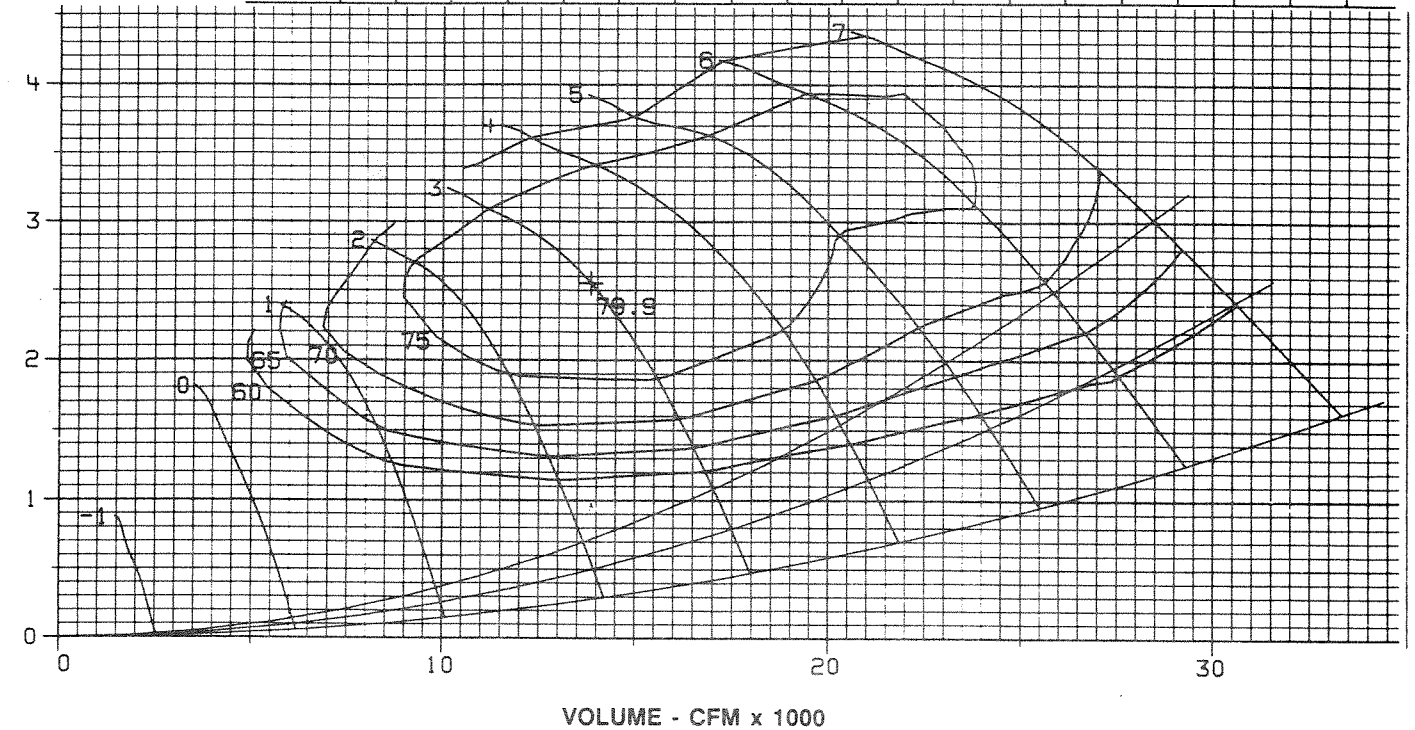
SIZE 3000-A12-1760 RPM 1760

MOTOR HP	MIN.	A/4 MAX.
		3

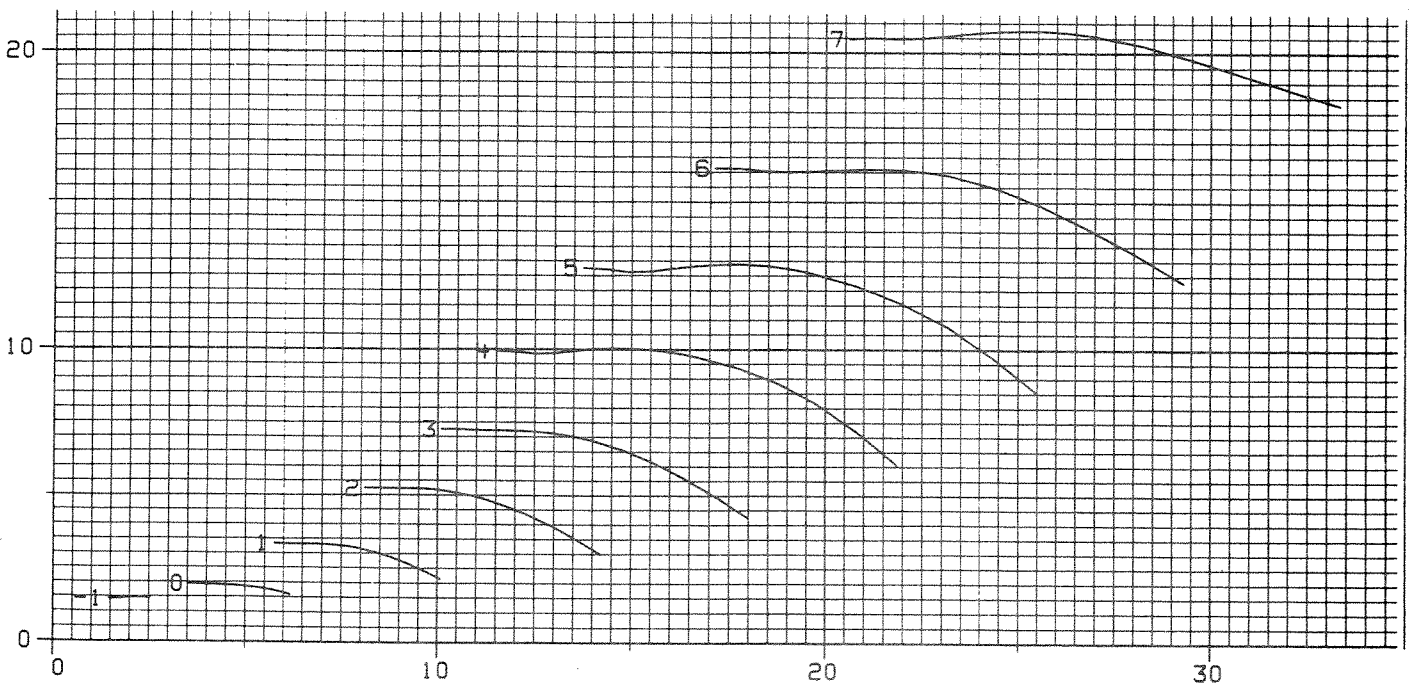
PAGE 22
EFFECTIVE: SEPTEMBER 2019

FAN OV, FPM/100 12 16 20 24 28 32 36 40 44 48 52 56 60 64 68
CONE OV, FPM/100 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



HORSEPOWER



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 3000-A12-1760

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	83	89	93	96	95	92	86	79	-1	88
	82	89	92	95	94	91	86	79	0	86
	86	91	92	96	94	92	87	80	1	88
	89	93	93	97	95	94	88	81	2	89
	88	92	93	97	95	92	87	80	3	88
	87	91	92	97	94	90	86	80	4	87
	89	93	94	98	97	93	87	81	5	89
	91	95	95	100	100	96	88	81	6	92
	94	98	98	103	102	97	90	83	7	94
								8		
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	83	89	92	95	94	92	87	79	-1	87
	82	87	90	93	93	92	87	80	0	86
	84	89	90	93	93	92	87	80	1	86
	87	91	90	93	92	92	87	81	2	86
	87	91	91	95	93	91	87	80	3	86
	87	91	92	96	93	90	86	80	4	87
	90	93	93	97	96	93	87	81	5	89
	92	96	95	99	98	95	88	81	6	91
	95	99	98	102	102	98	91	84	7	94
								8		
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	84	90	94	97	95	93	89	81	-1	88
	82	88	92	95	93	93	90	82	0	87
	84	89	91	94	92	91	89	82	1	86
	87	91	90	92	91	90	87	82	2	85
	89	92	92	94	92	90	87	82	3	86
	90	94	93	96	93	90	87	81	4	86
	92	96	94	96	95	92	88	82	5	88
	93	97	95	97	96	95	89	82	6	90
	96	100	99	102	100	98	91	85	7	93
								8		

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4

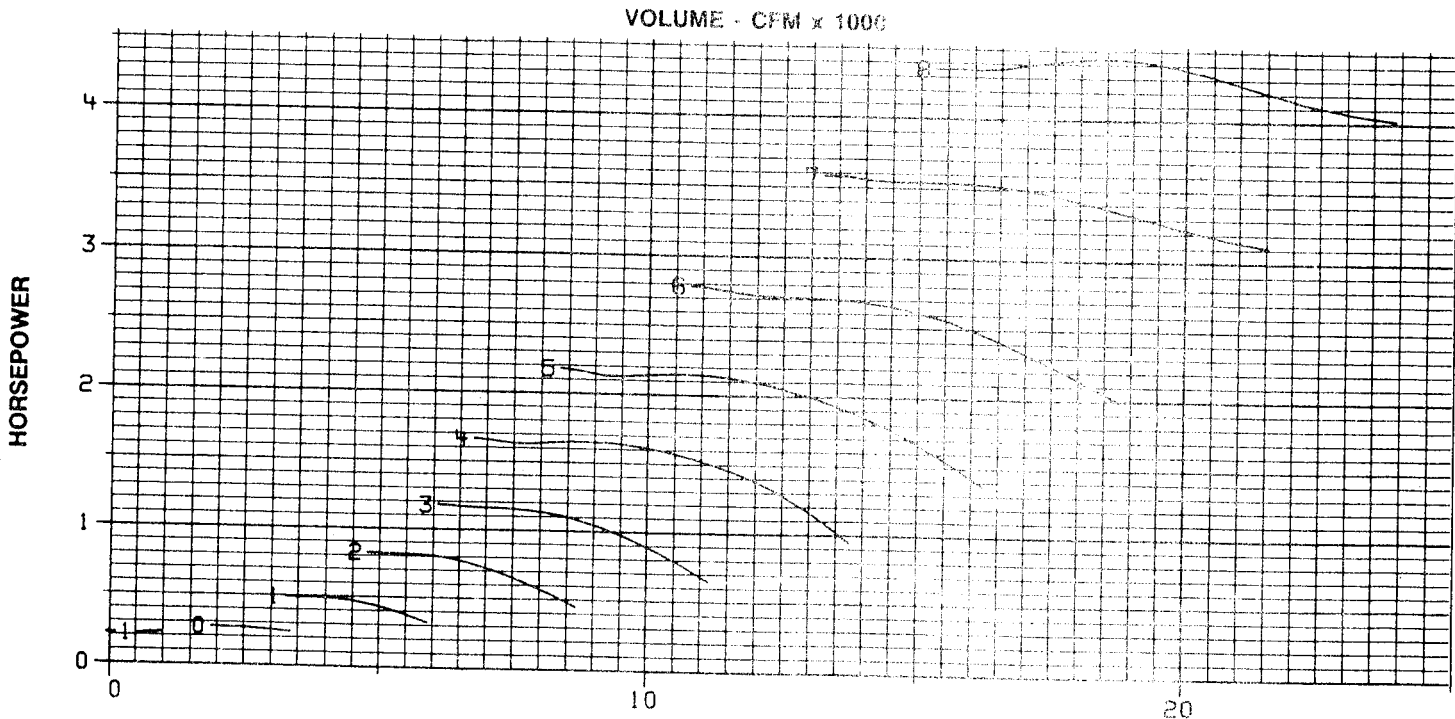
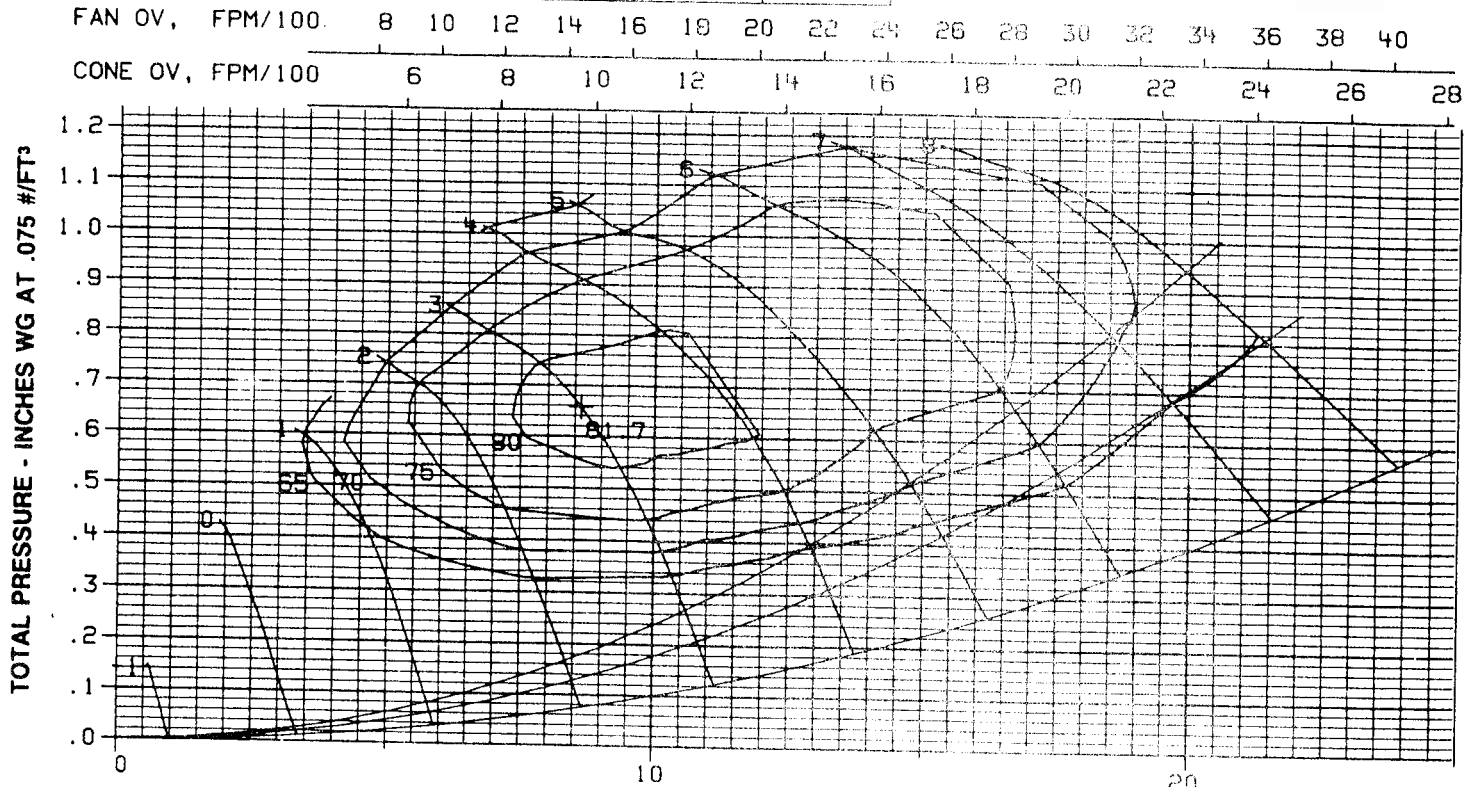


SIZE 3300-A12- 890 RPM 890

1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

MOTOR HP	MIN.	A/4 MAX.
		1

EFFECTIVE: SEPTEMBER 2019



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Performance shown is for vaneaxial fans with inlet bell and outlet duct

FAN MODEL: 3300-A12-890

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	72	79	84	82	80	75	68	59	-1	73
	70	77	82	79	78	75	69	59	0	71
	73	77	82	81	80	76	69	59	1	73
	76	78	83	83	82	77	69	60	2	74
	76	78	84	82	81	76	69	61	3	73
	75	78	84	81	79	75	69	62	4	72
	78	80	86	85	82	76	69	64	5	75
	80	82	88	88	84	77	70	66	6	77
	84	85	91	90	86	78	72	68	7	79
91	88	95	95	91	84	76	73	8	84	
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	72	79	84	82	80	76	68	59	-1	73
	70	76	81	79	79	76	69	59	0	72
	72	76	81	80	80	76	69	60	1	72
	75	76	80	80	81	77	70	60	2	73
	75	77	82	81	80	76	70	61	3	72
	75	78	84	81	79	75	69	62	4	72
	78	80	85	84	81	76	69	64	5	74
	81	82	86	87	86	77	69	65	6	76
	86	87	91	90	87	80	73	68	7	80
93	92	97	96	93	87	79	74	8	86	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	73	80	85	82	81	77	70	60	-1	74
	72	79	84	80	80	78	70	60	0	73
	73	77	82	79	79	77	71	61	1	72
	74	75	79	78	77	76	71	61	2	71
	77	78	81	79	77	75	71	62	3	71
	79	80	83	80	78	75	70	62	4	72
	81	81	84	82	81	76	70	64	5	74
	83	83	85	85	84	77	70	65	6	76
	87	88	90	89	87	80	73	69	7	79
93	93	98	95	93	87	79	75	8	86	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV ADJUSTABLE PITCH CONTROLLABLE PITCH

4

CHICAGO BLOWER CORPORATION

SIZE 3300-A12-1160 RPM 1150

1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139

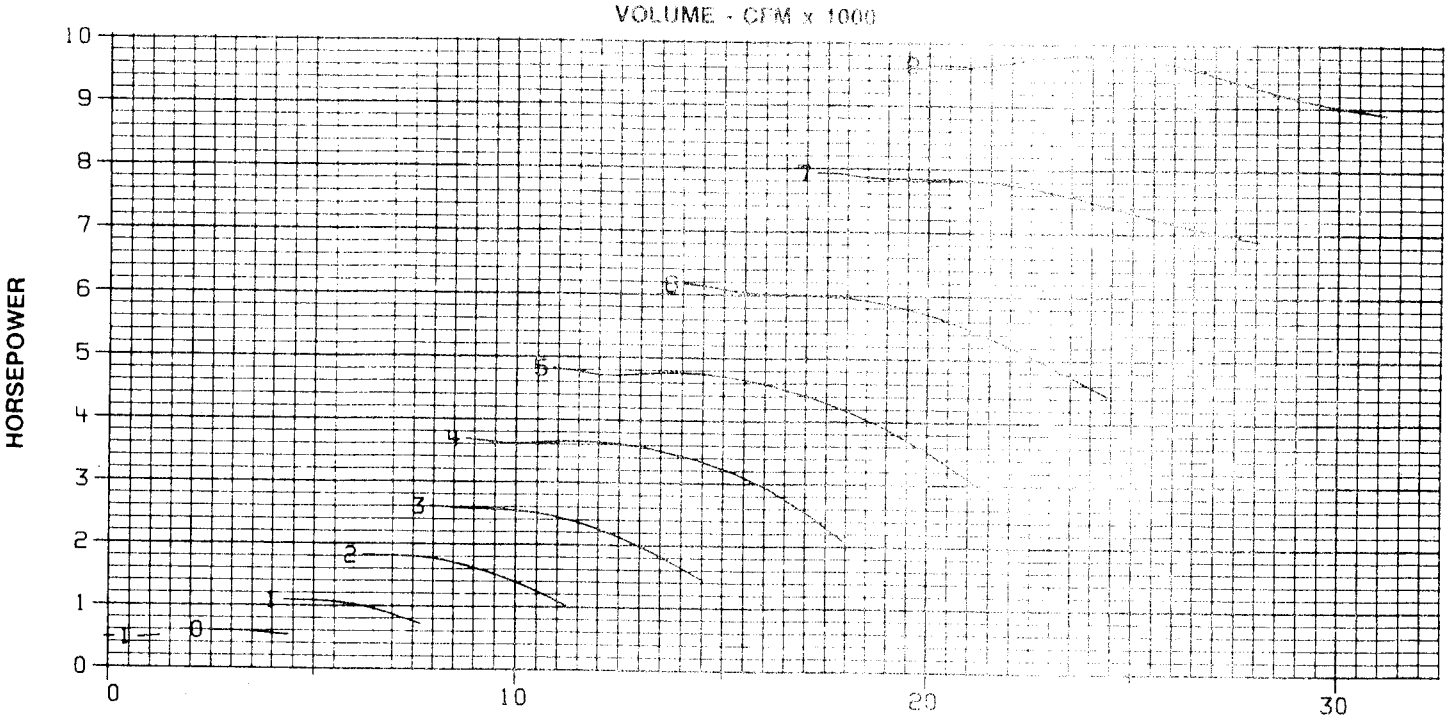
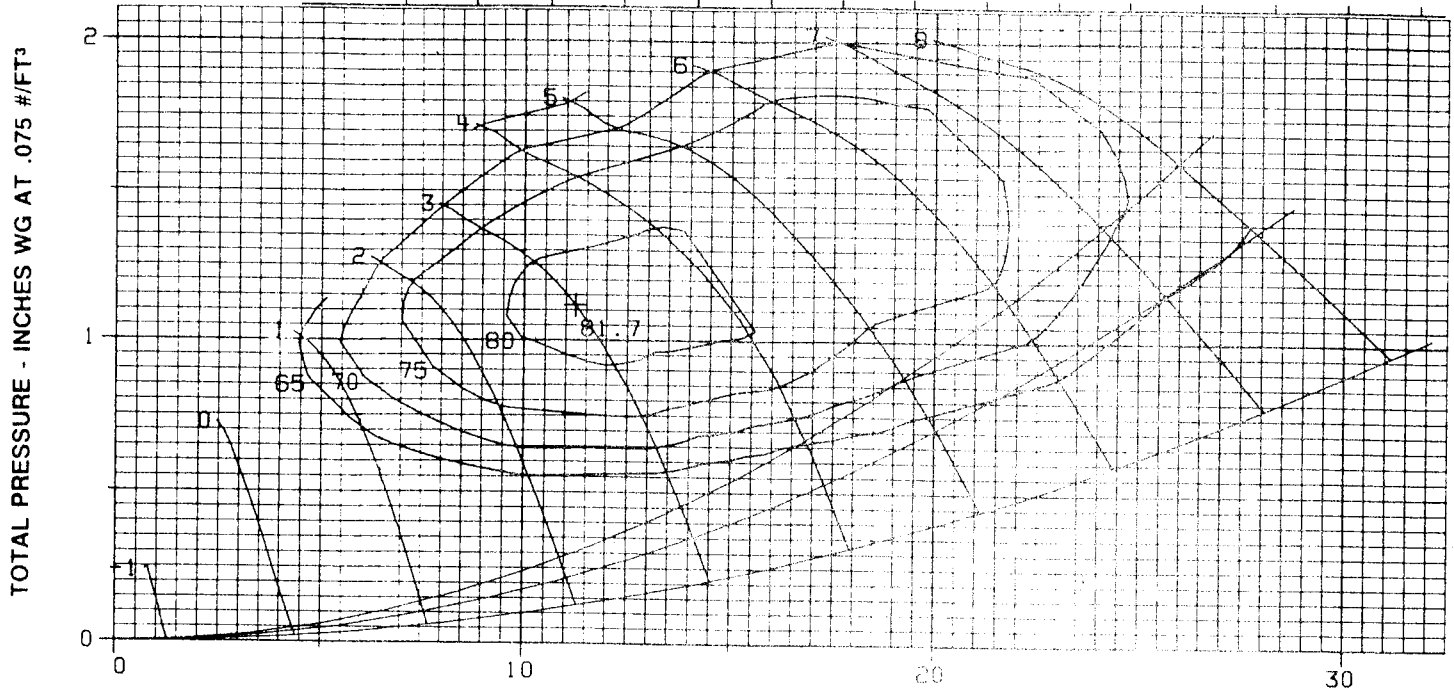
Phone 708-858-2600

PAGE 24

MOTOR HP	MIN.	A/4 MAX.
	1	10

EFFECTIVE: SEPTEMBER 2019

FAN OV, FPM/100 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54
 CONE OV, FPM/100 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.



1675 GLEN ELLYN ROAD
 GLENDALE HEIGHTS, ILLINOIS 60139
 Phone 708-858-2600

EFFECTIVE: SEPTEMBER 2019

PAGE 24S

FAN MODEL: 3300-A12-1160

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	76	83	92	88	87	83	77	68	-1	80
	75	80	89	86	85	83	78	68	0	78
	80	81	89	87	87	84	78	69	1	80
	85	81	89	87	90	85	78	69	2	81
	84	81	90	88	88	84	78	70	3	80
	83	81	91	88	86	82	77	70	4	79
	85	83	92	91	89	84	77	72	5	82
	88	85	93	94	93	86	77	73	6	85
	91	89	96	97	94	87	79	75	7	87
95	93	100	99	95	89	81	70	8	89	
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	76	82	91	88	87	84	78	68	-1	80
	75	79	88	85	85	84	79	69	0	78
	79	80	87	85	86	84	79	69	1	79
	83	80	86	85	88	84	79	70	2	80
	83	80	89	86	87	83	78	70	3	79
	83	80	92	87	86	83	78	71	4	79
	86	83	92	90	89	84	77	71	5	81
	89	86	92	93	92	86	77	72	6	84
	93	91	96	97	95	89	80	76	7	87
97	96	101	101	98	91	83	79	8	91	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	78	83	92	88	88	85	79	69	-1	81
	76	82	92	86	86	85	80	69	0	80
	79	81	89	85	85	84	81	70	1	79
	82	80	86	84	83	82	81	71	2	77
	84	82	88	85	84	82	80	71	3	78
	87	84	91	86	85	82	79	71	4	79
	89	86	91	88	88	84	78	72	5	81
	91	88	92	90	91	86	78	73	6	83
	94	93	97	95	94	89	81	76	7	87
98	98	102	100	98	92	83	79	8	91	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 3300-A12-1760

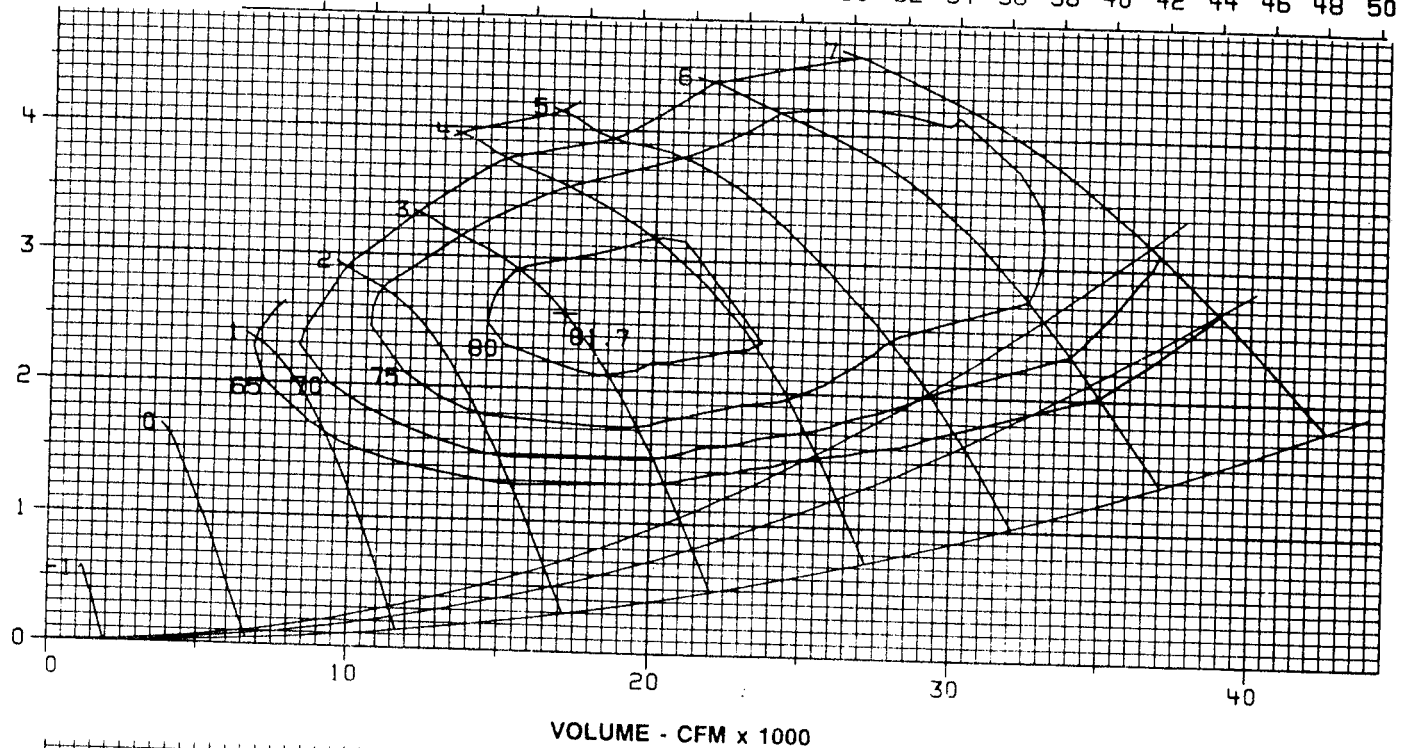
RPM 1760

MOTOR HP	MIN.	A/4 MAX.
	3	20

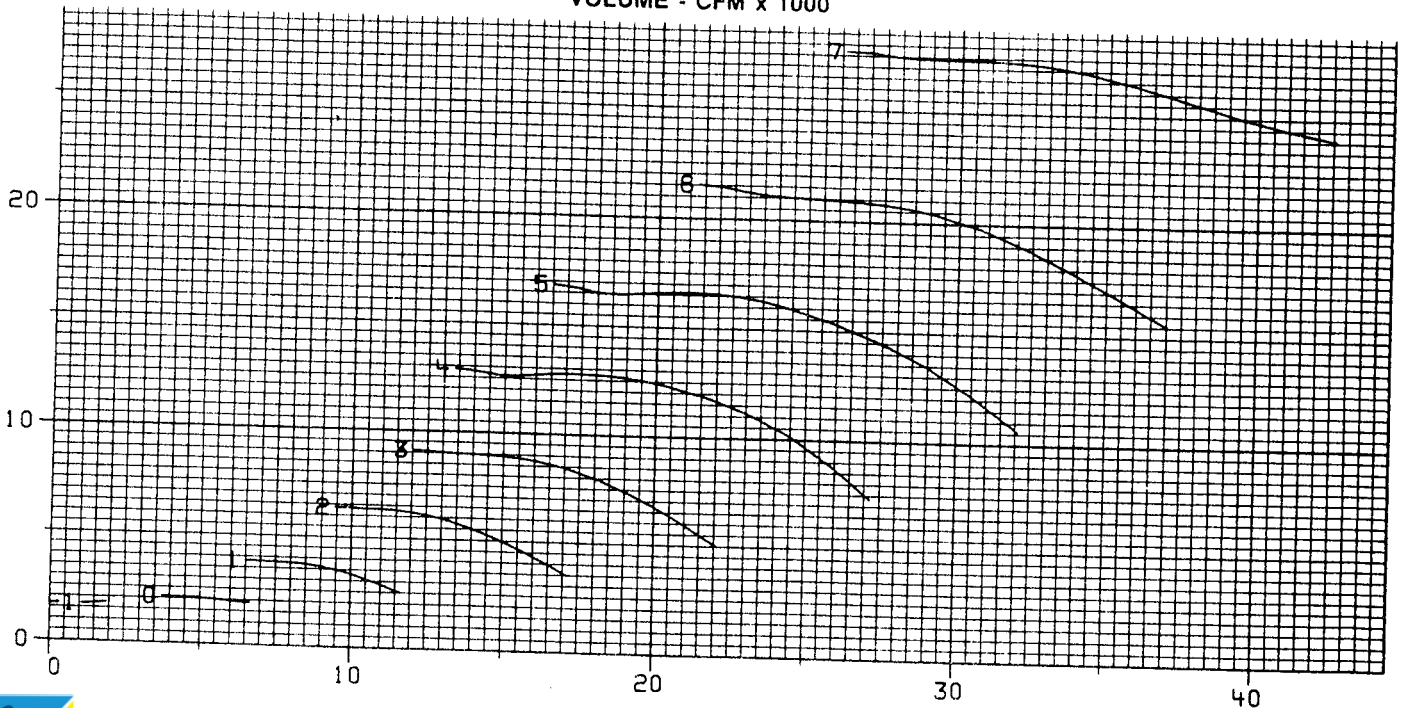
PAGE 25
EFFECTIVE: SEPTEMBER 2019

FAN OV, FPM/100 16 20 24 28 32 36 40 44 48 52 56 60 64 68 72
 CONE OV, FPM/100 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



HORSEPOWER



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 3300-A12-1760

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	83	89	96	99	97	94	90	83	-1	90
	83	88	94	96	94	93	90	83	0	88
	87	91	94	97	96	95	91	84	1	90
	92	94	95	98	98	97	91	84	2	91
	91	94	95	98	97	95	90	84	3	90
	90	93	95	99	96	94	89	84	4	90
	93	95	97	101	99	96	90	84	5	92
	95	98	99	103	103	99	91	85	6	95
	99	102	102	106	105	100	93	87	7	97
								8		
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	83	79	96	99	97	95	90	83	-1	90
	86	78	93	96	94	93	91	84	0	88
	86	90	93	96	95	94	91	84	1	89
	90	93	93	95	95	95	91	85	2	89
	90	93	94	97	96	95	91	84	3	89
	90	93	95	99	96	94	90	84	4	90
	93	96	97	100	99	96	91	84	5	92
	96	99	99	101	101	99	91	84	6	94
	100	103	104	106	105	101	94	87	7	97
								8		
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	85	91	97	99	97	96	92	84	-1	91
	84	89	96	98	95	95	92	85	0	90
	87	91	94	96	94	93	91	85	1	88
	90	92	92	94	93	92	91	86	2	87
	92	94	95	96	94	92	90	85	3	88
	94	97	97	98	95	93	90	85	4	89
	96	99	98	99	97	95	91	85	5	91
	98	101	100	100	100	98	92	85	6	93
	102	105	105	105	104	101	95	88	7	97
								8		

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



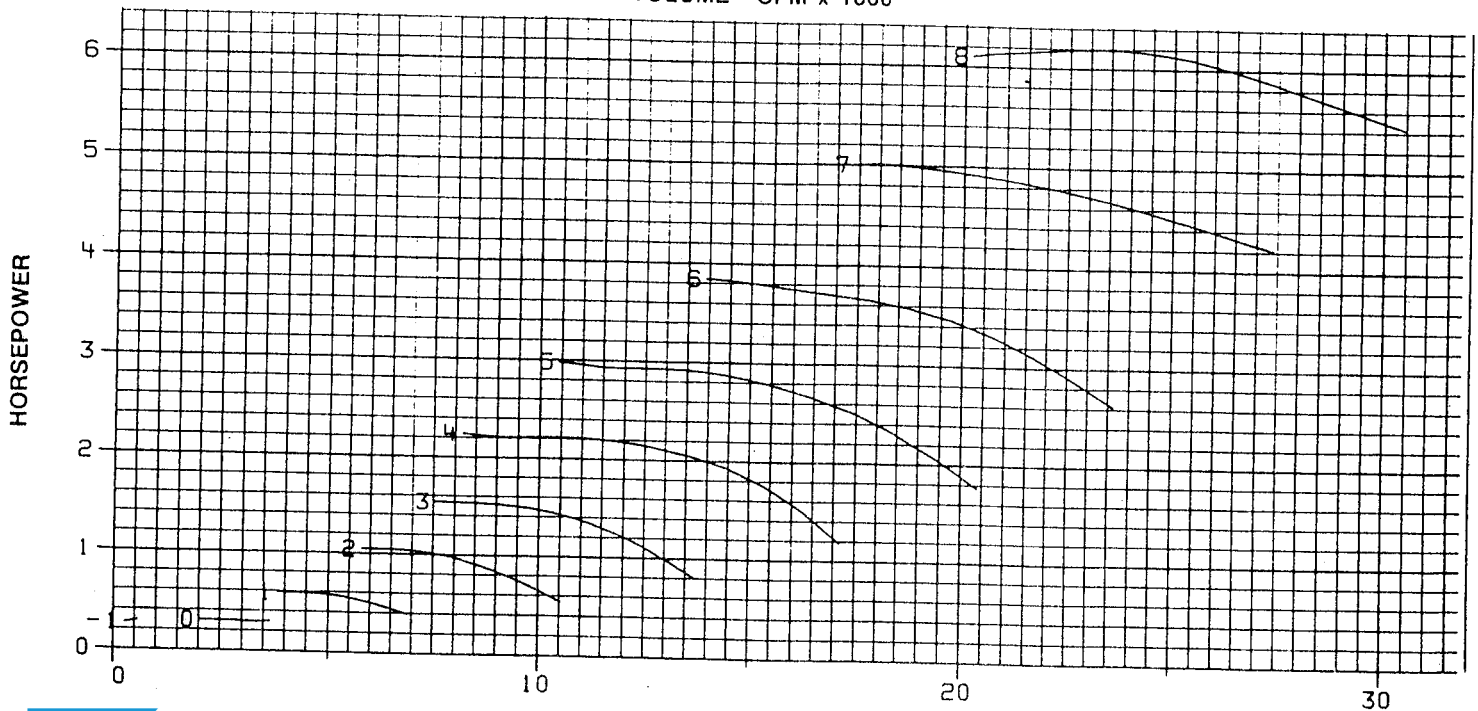
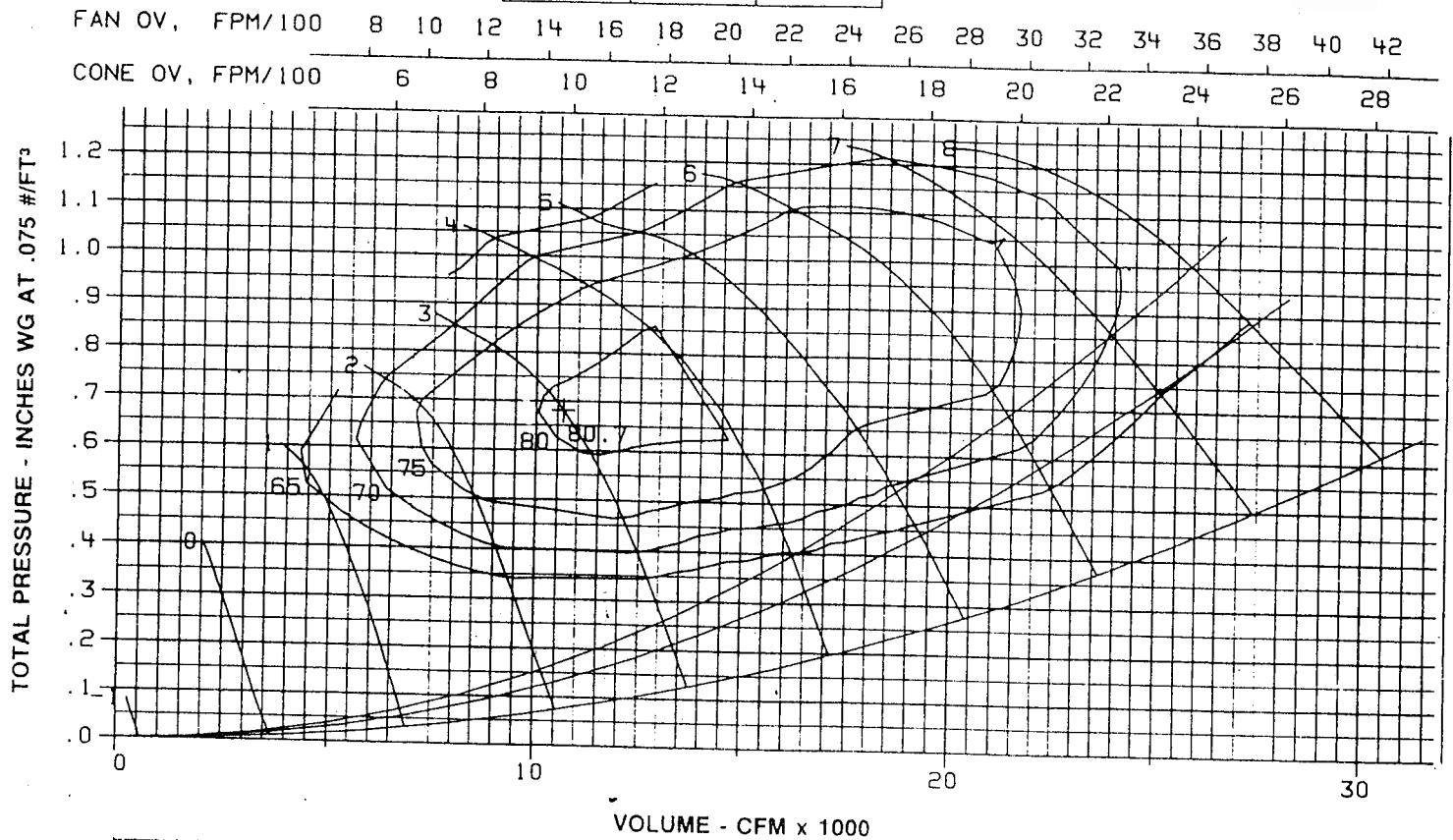
1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 3650-A12- 890

RPM 890

MOTOR HP	MIN.	A/4 MAX.
	1	7½

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EFFECTIVE: SEPTEMBER 2019



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 3650-A12-890

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	72	83	88	84	82	79	72	63	-1	75
	71	79	84	80	80	79	73	63	0	74
	75	79	84	83	83	80	73	63	1	75
	79	79	83	85	86	80	73	63	2	77
	78	80	85	84	84	79	73	64	3	76
	78	81	87	84	82	78	73	65	4	75
	81	83	88	87	85	79	73	67	5	78
	84	85	90	91	88	80	73	69	6	80
	89	90	94	92	89	82	75	71	7	82
97	95	100	97	93	87	79	76	8	87	
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	73	83	88	84	83	79	73	63	-1	76
	71	80	84	80	80	79	73	62	0	74
	75	79	83	82	82	80	74	63	1	75
	78	78	82	83	85	81	74	64	2	76
	78	80	84	83	84	80	74	65	3	76
	77	81	87	84	83	79	73	66	4	76
	82	83	88	87	85	80	73	67	5	78
	86	86	89	90	88	81	72	68	6	80
	92	92	94	93	91	83	76	72	7	83
99	98	102	99	97	91	82	78	8	90	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	74	83	88	84	83	80	73	64	-1	76
	74	83	88	82	82	80	74	62	0	76
	75	80	84	81	81	80	75	64	1	74
	77	78	81	79	79	79	76	65	2	73
	80	81	83	81	80	78	75	65	3	74
	82	84	86	82	80	78	74	66	4	74
	85	86	87	85	84	79	73	67	5	77
	88	87	88	88	88	81	73	69	6	79
	93	94	94	93	91	84	77	72	7	84
100	101	103	100	98	92	83	79	8	91	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 3650-A12-1160

RPM 1160

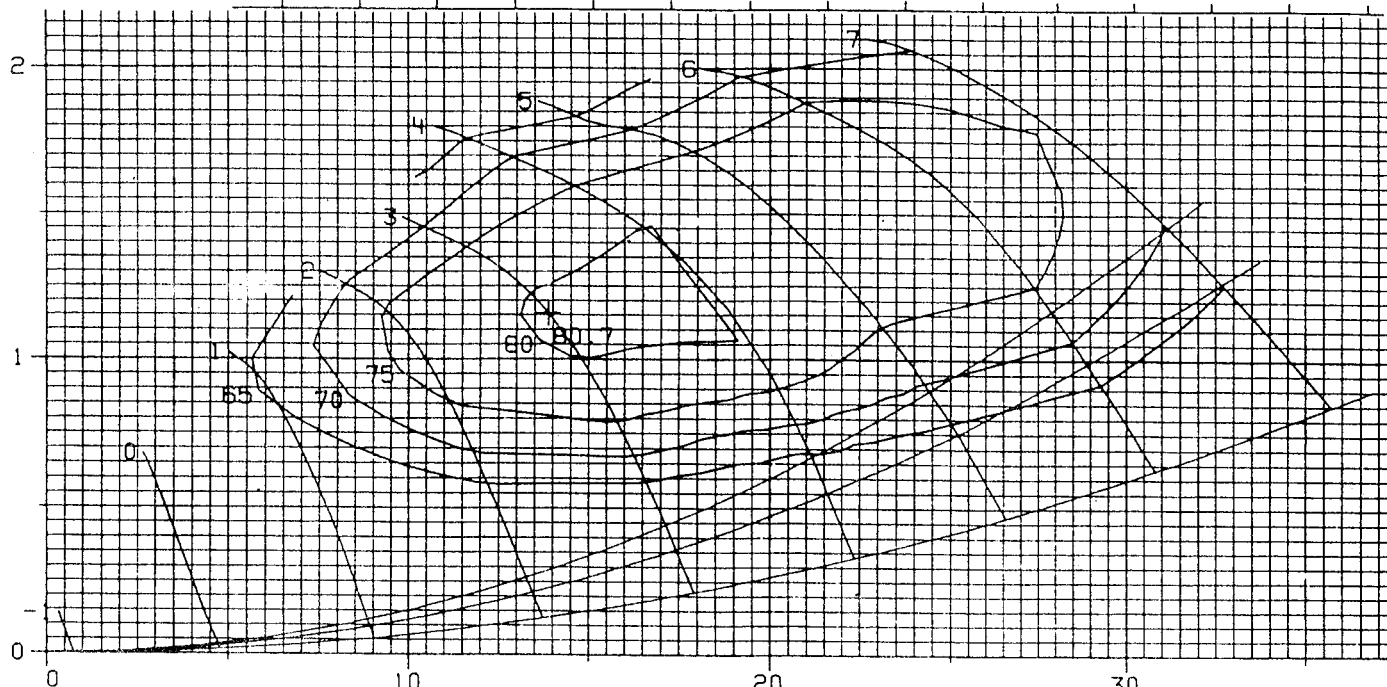
MOTOR	MIN.	A/4 MAX.
HP	1½	20

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EFFECTIVE: SEPTEMBER 2019

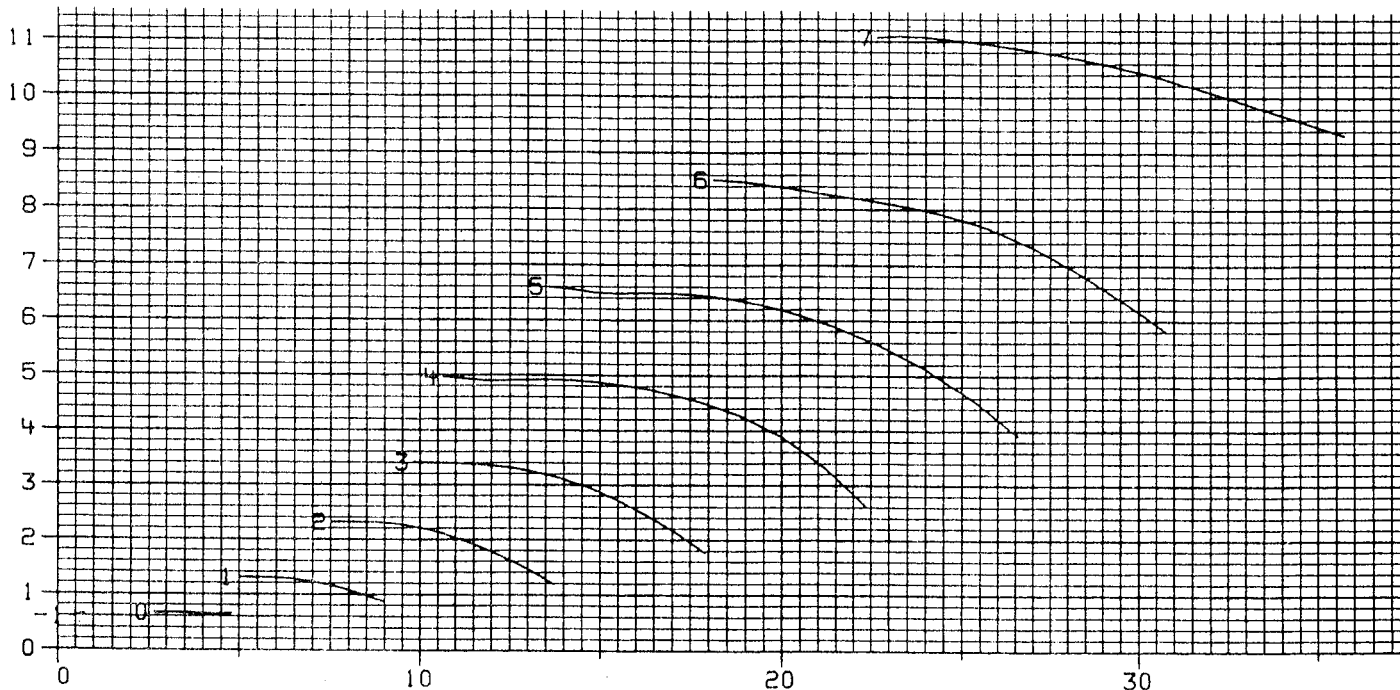
FAN OV, FPM/100 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50
 CONE OV, FPM/100 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



VOLUME - CFM x 1000

HORSEPOWER



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.

BULLETIN VAV-47

FAN MODEL: 3650-A12-1160

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	76	85	95	90	89	86	82	72	-1	83
	75	81	91	86	86	86	83	72	0	80
	81	82	90	88	90	87	82	72	1	82
	87	83	89	89	94	88	82	73	2	84
	86	83	91	89	91	87	82	73	3	83
	86	83	94	90	89	86	81	74	4	82
	89	86	95	93	93	88	81	75	5	85
	92	89	96	97	96	89	81	76	6	88
97	94	100	99	97	89	81	78	7	89	
								8		
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	77	85	95	90	89	87	82	72	-1	83
	76	82	92	86	86	86	83	72	0	81
	81	82	90	87	89	87	83	73	1	82
	86	83	87	87	91	88	84	73	2	83
	86	83	91	88	91	87	83	74	3	83
	85	82	95	90	90	86	82	75	4	83
	90	86	94	93	93	88	81	75	5	85
	94	90	94	95	95	90	80	75	6	87
99	97	100	100	98	93	84	79	7	91	
								8		
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	78	86	95	90	90	87	82	73	-1	83
	78	85	97	88	89	88	84	72	0	83
	82	83	92	87	87	86	84	74	1	81
	85	82	87	85	85	85	85	75	2	80
	88	85	91	87	86	84	84	75	3	80
	90	87	94	88	87	84	82	74	4	81
	93	90	94	91	91	87	82	75	5	84
	97	93	94	93	95	90	81	76	6	87
101	99	101	99	99	93	84	80	7	91	
								8		

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

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VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 3650-A12-1760 RPM 1760

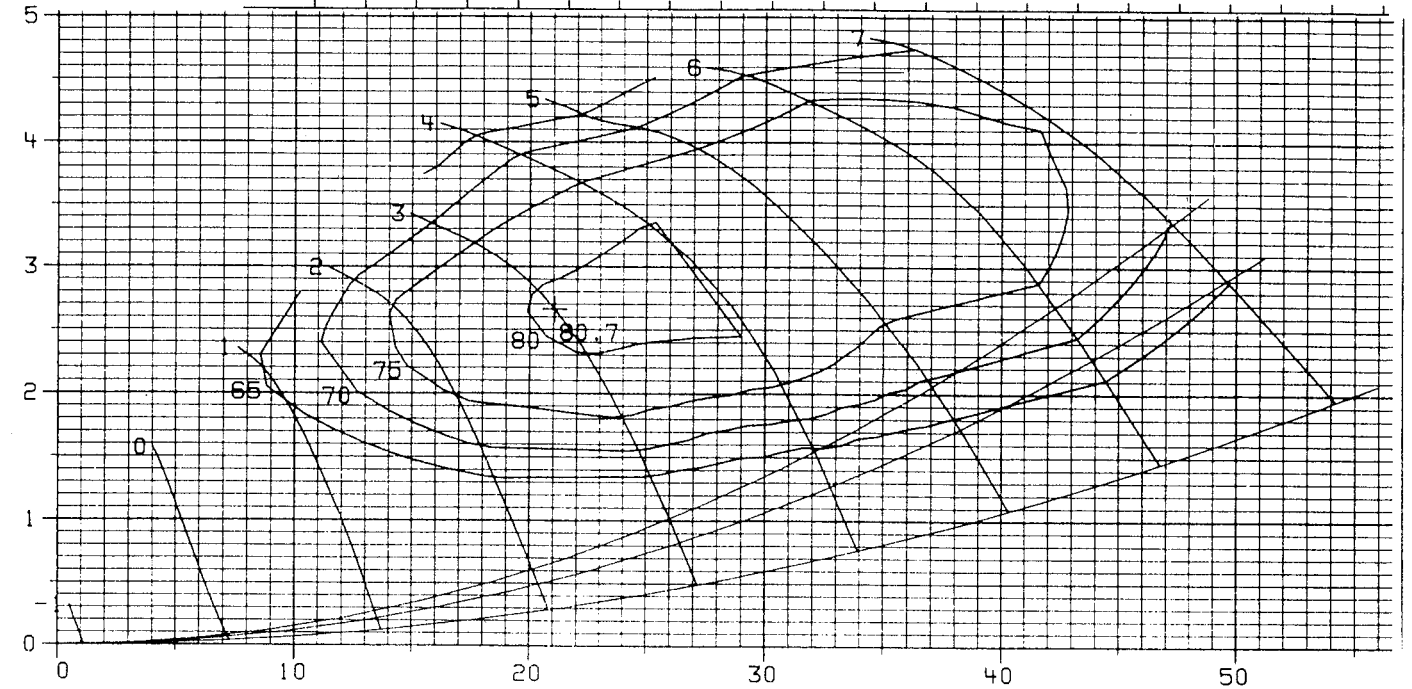
MOTOR HP	MIN.	A/4 MAX.
	3	20

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EFFECTIVE: SEPTEMBER 2019

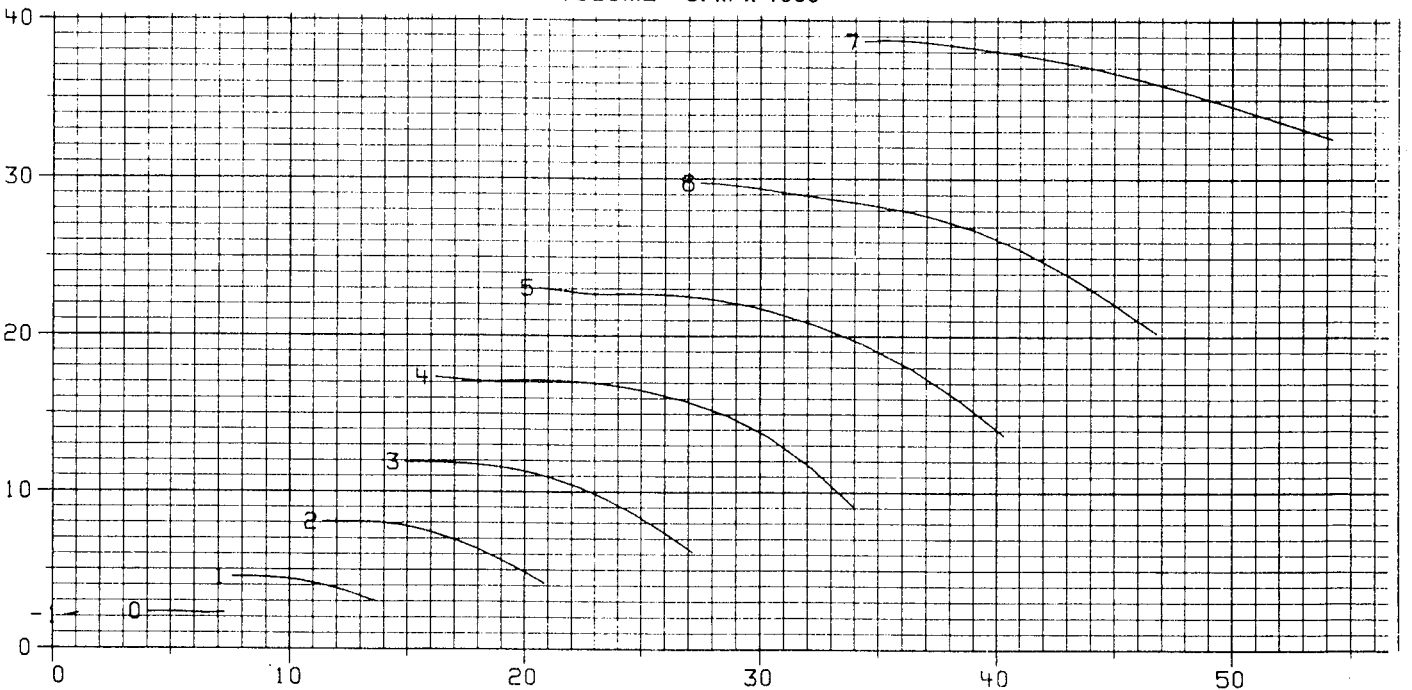
FAN OV, FPM/100 16 20 24 28 32 36 40 44 48 52 56 60 64 68 72 76
 CONE OV, FPM/100 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



VOLUME - CFM x 1000

HORSEPOWER



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Performance shown is for vaneaxial fans with inlet bell and outlet duct

FAN MODEL: 3650-A12-1760

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	83	90	99	102	99	97	93	87	-1	93
	82	88	95	99	95	95	94	88	0	90
	88	92	95	99	97	98	94	88	1	92
	94	96	95	99	100	101	95	87	2	94
	94	96	96	100	99	99	94	87	3	93
	93	96	97	101	98	97	93	87	4	92
	96	99	99	103	102	100	94	88	5	95
	99	102	101	105	106	103	95	88	6	98
104	107	106	109	107	103	96	90	7	100	
								8		
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	84	91	99	102	99	97	94	87	-1	93
	83	89	96	99	95	95	94	88	0	91
	88	92	95	98	96	97	95	88	1	91
	93	96	94	96	98	99	95	89	2	92
	93	96	96	99	98	98	95	88	3	92
	93	95	97	102	99	97	94	88	4	93
	97	99	99	103	102	100	94	88	5	95
	101	104	101	104	104	102	95	87	6	97
106	109	108	109	108	105	98	91	7	101	
								8		
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	85	92	99	102	99	98	95	88	-1	93
	85	92	99	103	97	97	95	88	0	93
	89	93	96	99	96	95	95	89	1	91
	92	95	94	96	94	94	94	90	2	89
	95	97	97	98	96	95	93	89	3	90
	97	100	100	101	97	95	92	88	4	91
	101	103	101	102	100	99	94	88	5	94
	104	106	103	103	103	102	96	88	6	96
108	111	110	109	108	106	99	92	7	101	
								8		

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

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VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4

CHICAGO BLOWER CORPORATION

SIZE 2450-B12-1160

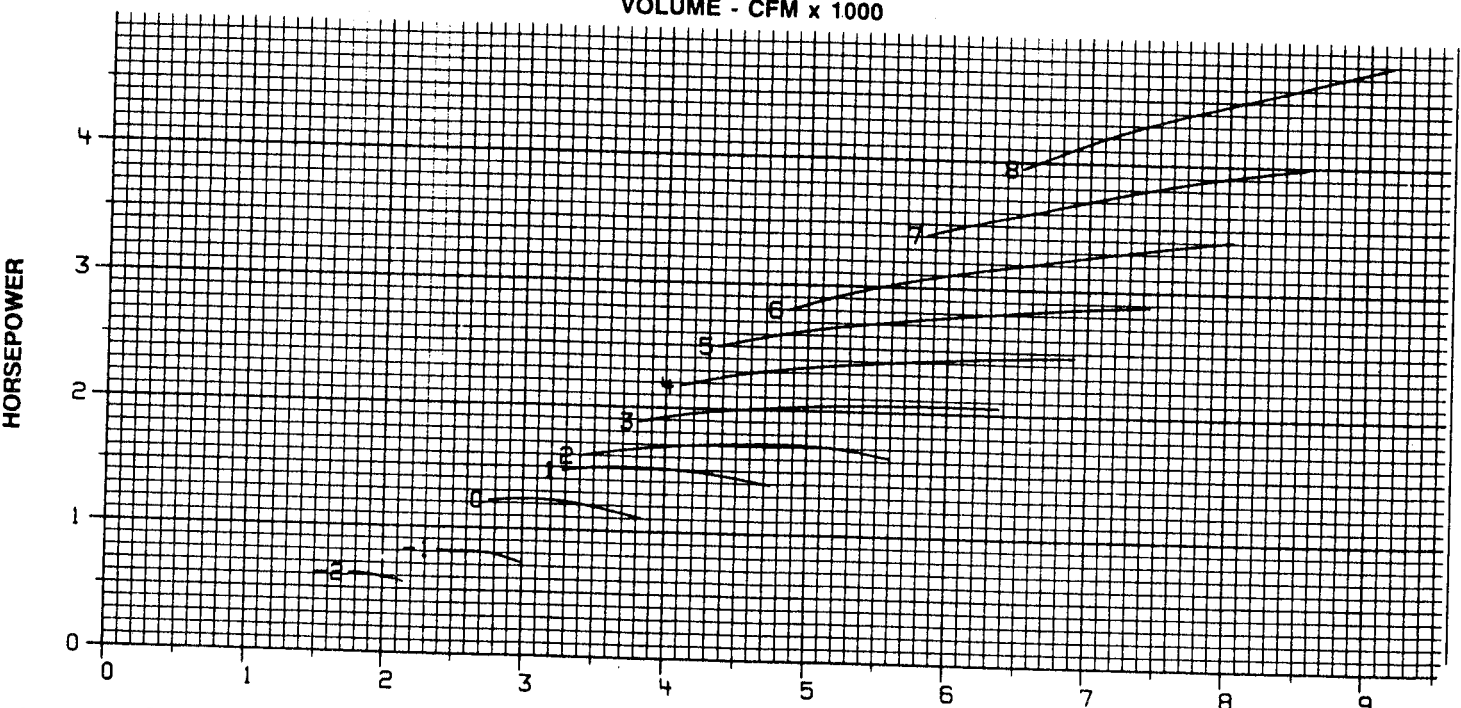
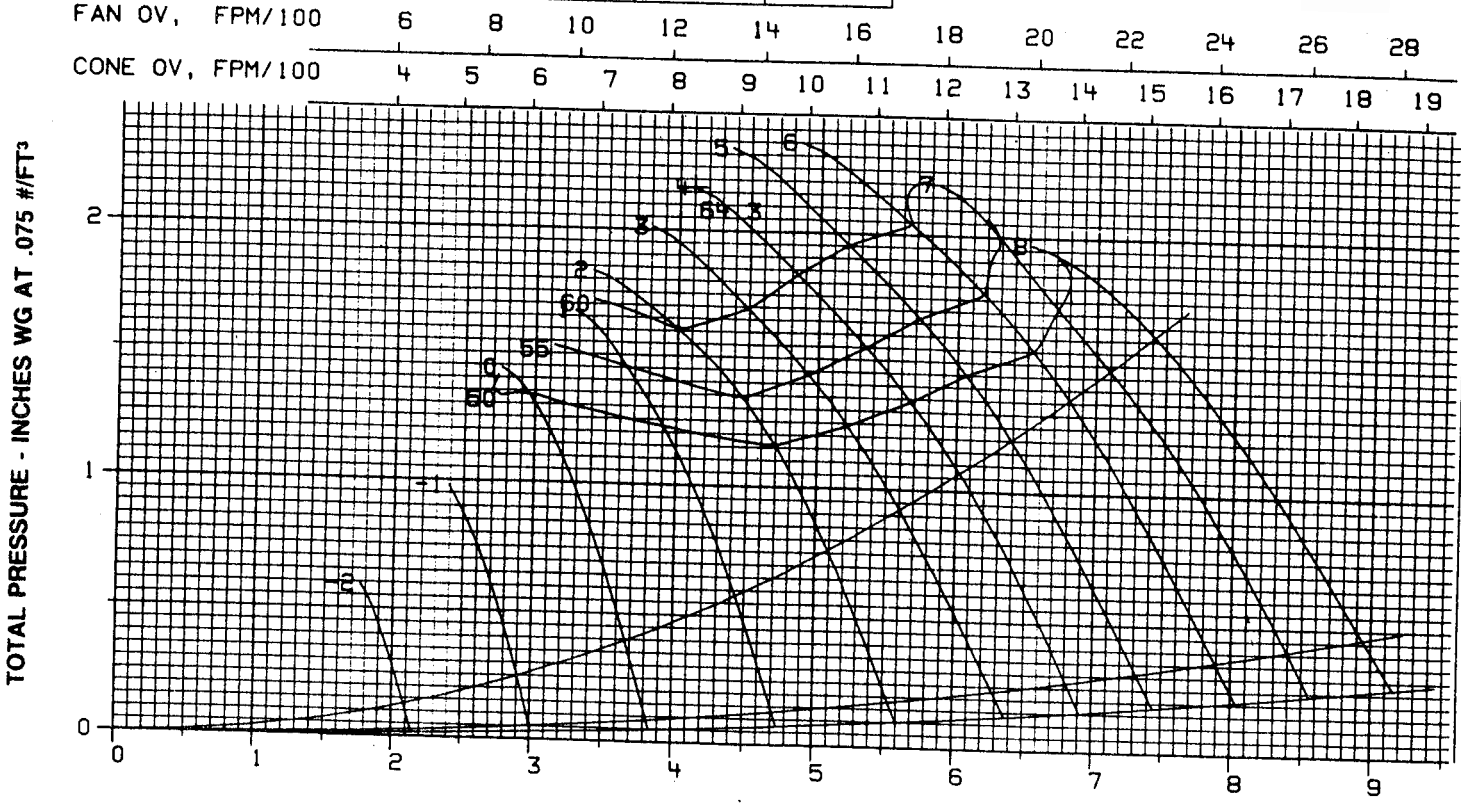
RPM 1160

1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

MOTOR HP	MIN.	A/4 MAX.
	3	50

PAGE 29

EFFECTIVE: SEPTEMBER 2019



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.



1675 GLEN ELLYN ROAD
 GLENDALE HEIGHTS, ILLINOIS 60139
 Phone 708-858-2600

EFFECTIVE: SEPTEMBER 2019

PAGE 29S

FAN MODEL: 2450-B12-1160

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	76	79	84	84	81	74	68	64	-2	74
	81	81	83	84	79	74	67	61	-1	73
	86	83	85	84	79	73	66	60	0	73
	85	83	84	85	80	74	66	60	1	74
	83	83	84	86	82	74	66	59	2	75
	84	85	85	88	83	75	67	61	3	77
	85	87	87	90	85	76	68	62	4	78
	85	88	88	90	87	78	70	64	5	80
	85	88	89	91	89	80	72	66	6	81
	85	89	90	91	90	82	73	67	7	82
85	90	91	92	92	84	75	69	8	83	
MEDIUM Medium point is read at average TP/VP of low and high points	77	79	85	85	84	75	69	64	-2	75
	81	81	84	85	81	76	69	63	-1	75
	83	83	85	86	81	76	69	63	0	75
	84	83	85	86	81	75	68	62	1	75
	85	84	83	86	82	75	67	61	2	75
	84	85	85	86	83	76	68	62	3	76
	83	86	85	87	84	77	69	62	4	77
	84	87	85	89	86	78	70	64	5	78
	85	87	86	90	88	80	72	65	6	80
	86	88	87	92	90	81	73	67	7	82
87	88	88	94	92	83	74	68	8	84	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	77	80	85	85	83	77	71	65	-2	76
	80	81	84	88	81	76	69	63	-1	75
	82	83	85	88	80	75	68	61	0	75
	85	83	85	86	81	76	69	62	1	75
	87	83	85	86	82	77	70	63	2	76
	86	84	85	87	83	77	70	63	3	76
	85	85	85	87	84	78	70	63	4	77
	86	87	87	89	86	79	72	65	5	79
	87	88	88	90	88	81	73	66	6	81
	88	89	90	92	90	82	75	68	7	82
90	91	92	93	93	84	76	69	8	84	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV

VANEAXIAL FAN
ADJUSTABLE PITCH
CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 2450-812-1760

RPM 1760

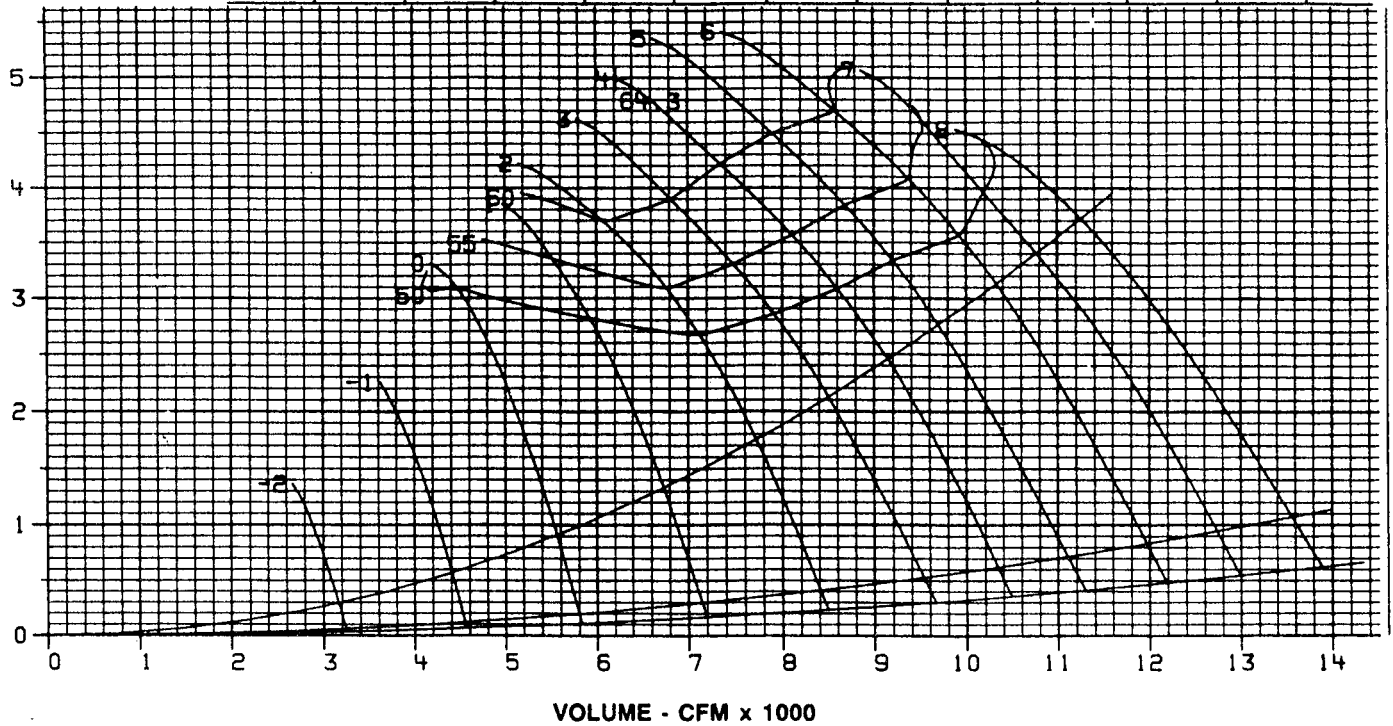
MOTOR HP	MIN.	A/4 MAX.
		5

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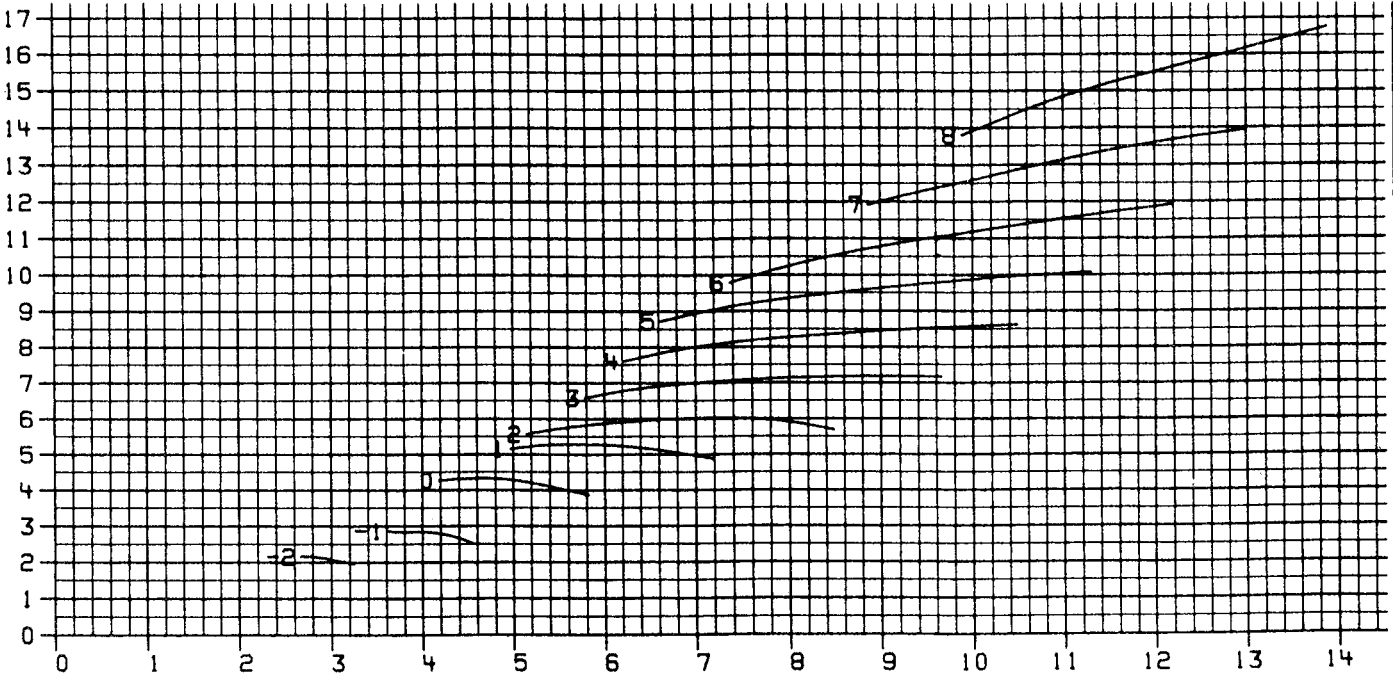
EFFECTIVE: SEPTEMBER 2019

FAN OV, FPM/100 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44
 CONE OV, FPM/100 6 8 10 12 14 16 18 20 22 24 26 28

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



HORSEPOWER



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

BULLETIN VAV-47

FAN MODEL: 2450-B12-1760

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	88	87	90	96	91	89	80	75	-2	85
	91	92	92	94	91	86	80	74	-1	84
	95	97	94	94	91	85	79	73	0	85
	92	96	94	94	92	87	80	72	1	85
	90	94	93	94	93	88	80	72	2	85
	91	96	95	96	95	89	81	74	3	87
	92	97	97	98	97	90	82	75	4	89
	92	98	98	98	98	92	84	77	5	90
	93	98	99	99	99	94	86	78	6	91
	93	98	100	100	100	96	87	80	7	92
93	99	100	101	101	98	89	81	8	93	
MEDIUM Medium point is read at average TP/VP of low and high points	89	88	91	96	92	90	81	76	-2	86
	90	92	92	95	93	89	82	76	-1	85
	92	95	94	95	93	88	83	76	0	86
	92	96	94	95	93	88	82	75	1	86
	92	96	94	95	93	88	81	74	2	86
	91	96	95	95	94	89	82	75	3	86
	90	96	96	95	95	90	83	75	4	87
	91	96	96	96	97	92	84	77	5	89
	92	97	97	97	99	94	86	78	6	90
	93	98	98	99	100	96	87	79	7	92
95	99	98	100	102	97	88	81	8	93	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	88	89	91	97	93	91	83	78	-2	87
	89	92	93	95	92	89	82	76	-1	85
	90	94	94	95	92	87	81	74	0	85
	92	96	94	95	93	88	82	75	1	86
	95	97	94	95	94	89	83	76	2	86
	93	97	95	95	95	90	83	76	3	87
	92	96	95	96	95	91	84	77	4	88
	93	98	97	97	97	93	85	78	5	89
	94	99	98	99	99	94	87	80	6	91
	96	100	100	100	100	96	88	81	7	93
97	102	101	102	102	98	90	83	8	94	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet LwI sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

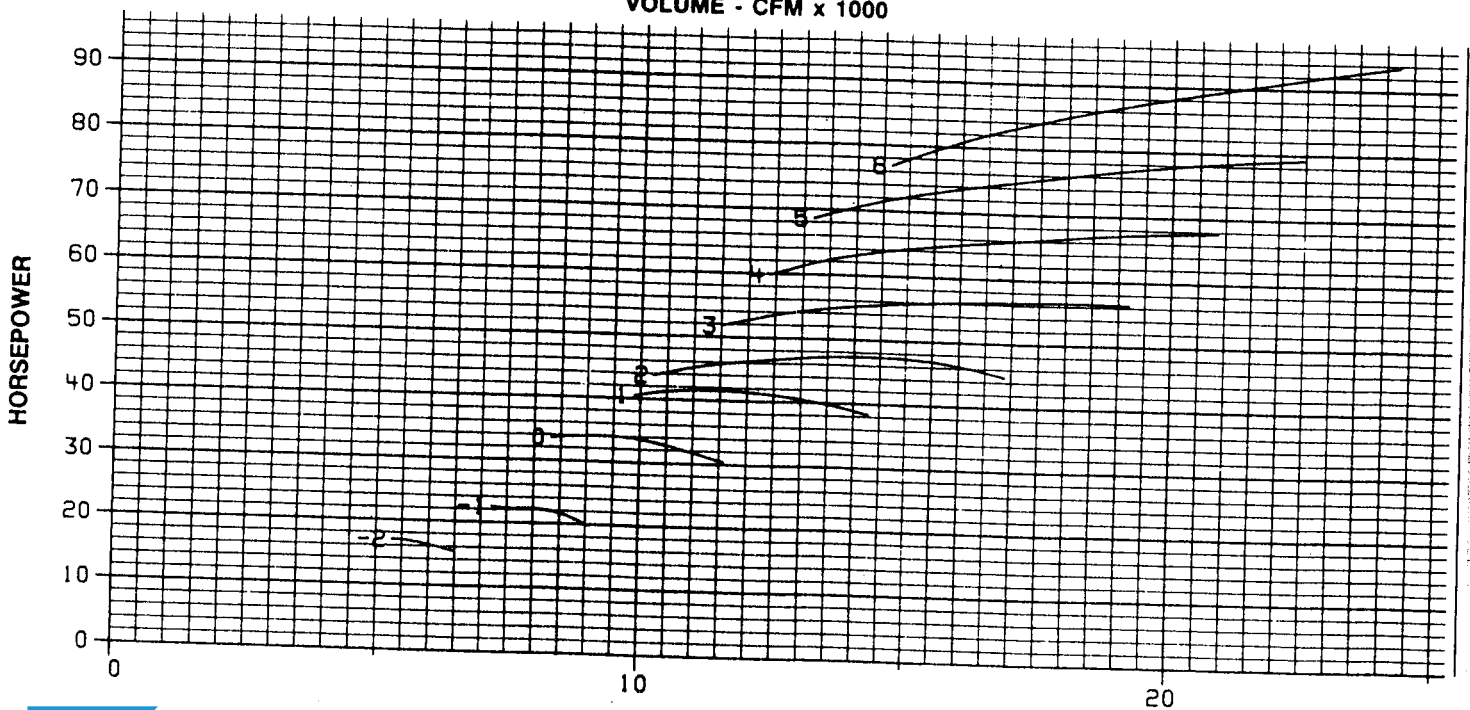
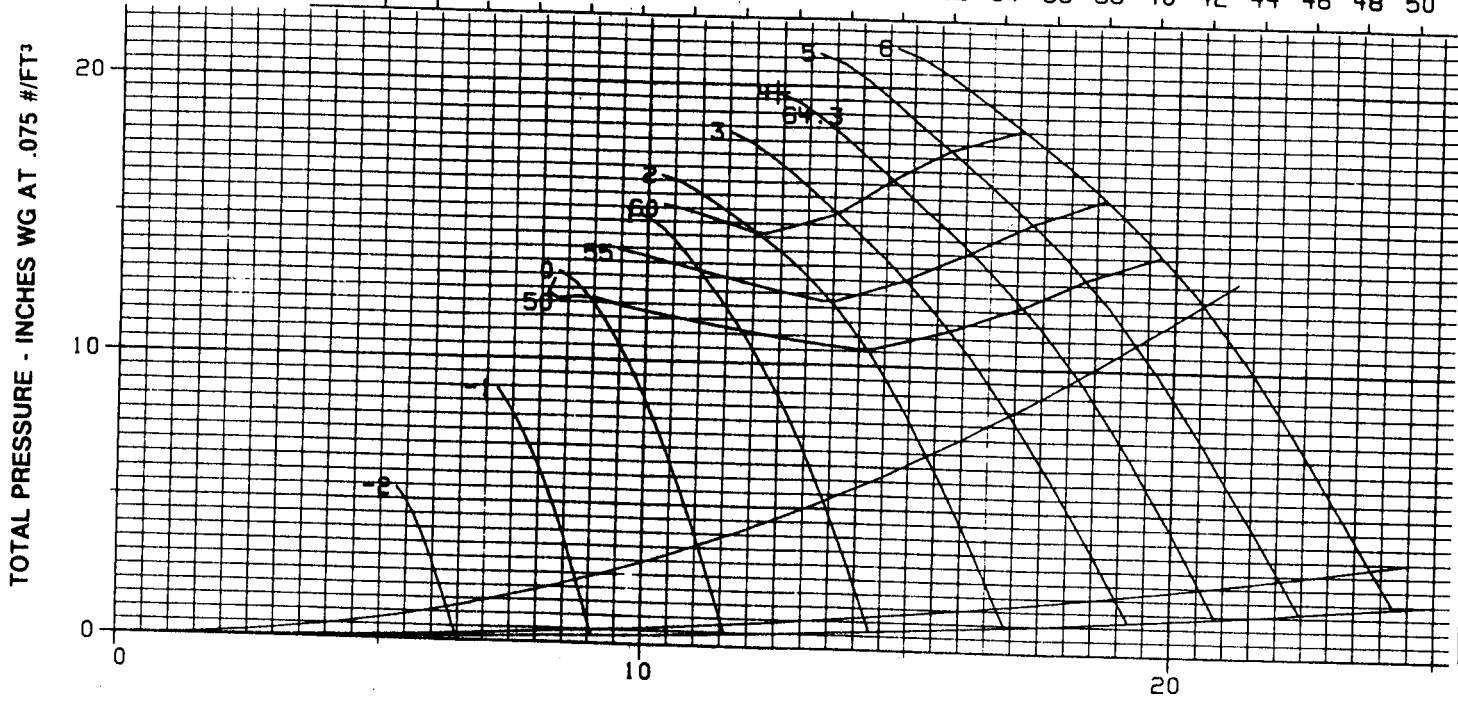
SIZE 2450-B12-3500

RPM 3500

MOTOR HP	MIN.	A/4 MAX.
	40	75

PAGE 31
EFFECTIVE: SEPTEMBER 2019

FAN OV, FPM/100 16 20 24 28 32 36 40 44 48 52 56 60 64 68 72 76
CONE OV, FPM/100 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 2450-B12-3500

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	100	107	104	106	111	106	103	95	-2	102
	103	101	109	108	109	106	101	95	-1	101
	107	102	113	110	109	106	100	94	0	102
	104	102	113	110	109	107	101	94	1	102
	102	102	112	109	109	108	103	95	2	103
	103	104	113	111	111	110	104	96	3	104
	104	106	114	113	113	112	105	97	4	106
	104	107	115	114	113	113	107	99	5	107
	104	107	115	115	114	114	109	100	6	108
										7
									8	
MEDIUM Medium point is read at average TP/VP of low and high points	101	108	105	107	111	107	105	96	-2	103
	102	101	109	108	110	107	104	97	-1	102
	104	102	112	110	110	108	103	97	0	103
	104	102	112	110	110	108	103	97	1	103
	104	103	113	110	110	108	103	96	2	103
	103	104	113	111	110	109	104	97	3	104
	102	105	112	112	110	110	105	98	4	104
	103	106	113	112	111	112	107	99	5	106
	104	106	115	113	112	113	109	100	6	107
										7
									8	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	100	107	106	107	112	108	106	99	-2	104
	101	102	108	108	110	107	104	97	-1	102
	102	102	111	110	110	107	102	96	0	103
	104	102	113	110	110	108	103	97	1	103
	107	102	115	110	110	109	104	98	2	104
	105	103	115	111	110	109	105	98	3	104
	104	104	114	111	111	110	106	99	4	105
	105	106	115	113	112	112	107	100	5	106
	106	107	116	114	114	114	109	102	6	108
										7
									8	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV

VANEAXIAL FAN
ADJUSTABLE PITCH
CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 2700-812- 890

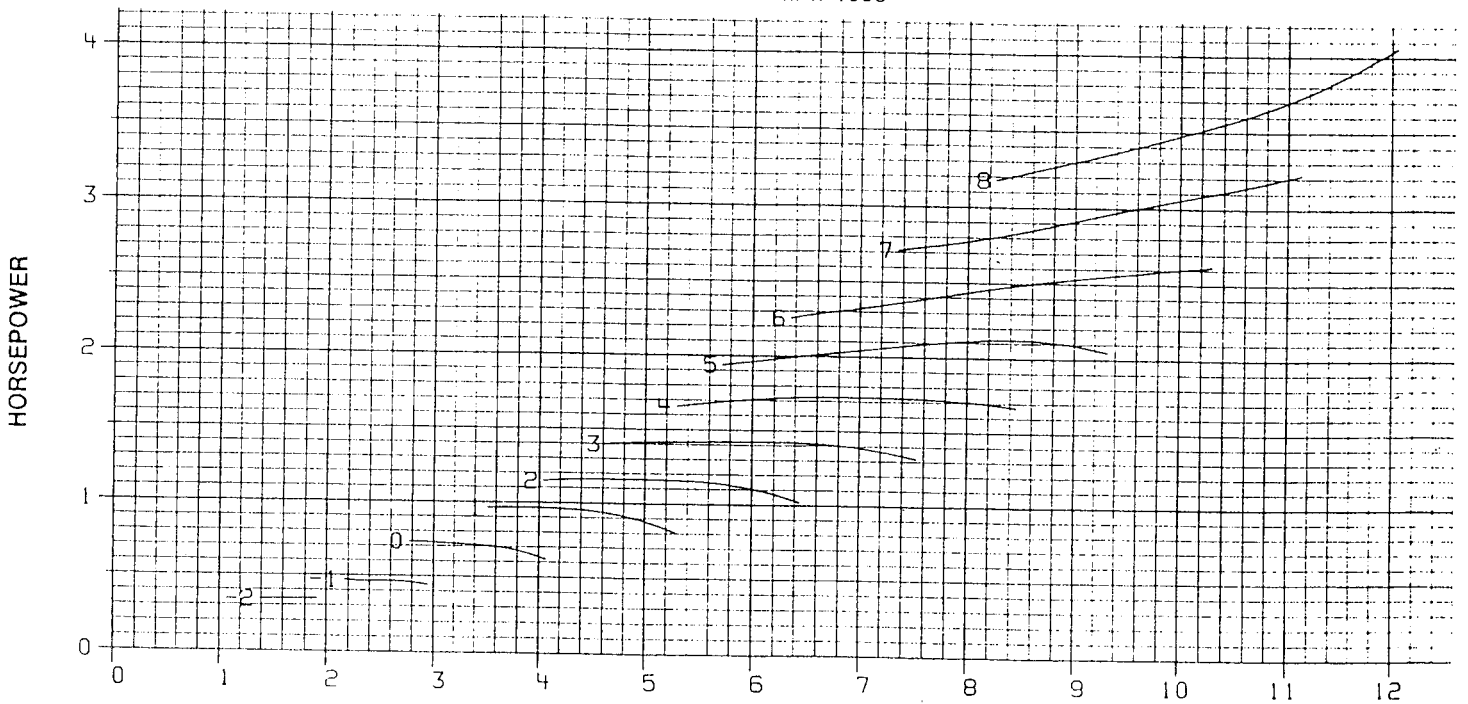
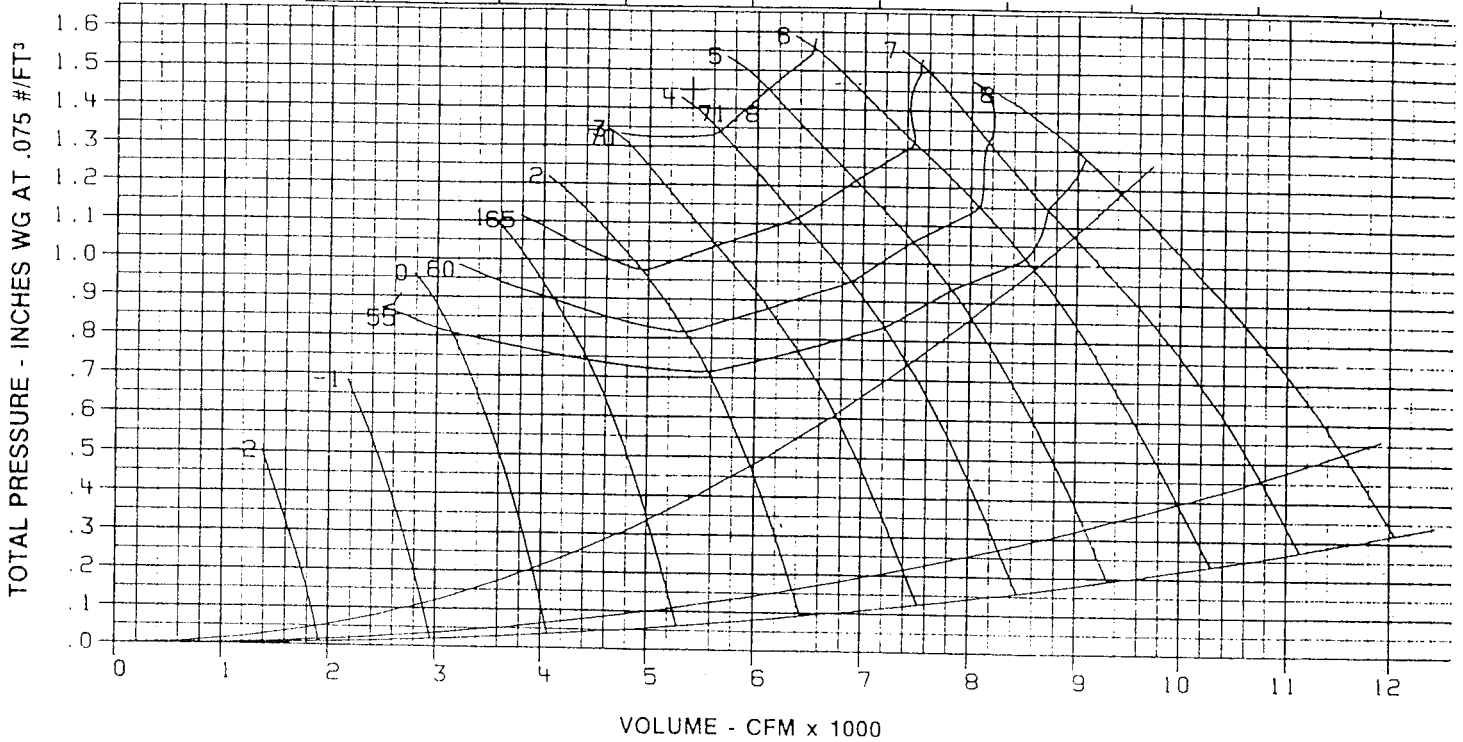
RPM 890

MOTOR HP	MIN.	A/4 MAX.
	1½	40

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EFFECTIVE: SEPTEMBER 2019

FAN OV, FPM/100 6 8 10 12 14 16 18 20 22 24 26 28 30
 CONE OV, FPM/100 4 6 8 10 12 14 16 18 20



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct

FAN MODEL: 2700-B12-890

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	71	76	81	79	76	68	62	57	-2	70
	75	77	80	79	75	68	61	55	-1	69
	79	79	81	79	74	67	60	54	0	69
	78	79	81	80	75	68	61	54	1	69
	77	79	82	81	76	69	61	54	2	70
	78	80	83	82	77	69	62	55	3	71
	79	81	84	83	77	70	63	56	4	72
	79	82	84	85	79	71	64	58	5	74
	80	83	85	86	81	73	66	60	6	75
	80	84	86	87	83	75	67	62	7	77
	82	84	87	89	85	77	69	64	8	78
MEDIUM Medium point is read at average TP/VP of low and high points	72	76	82	80	77	69	63	57	-2	70
	74	77	81	80	76	70	63	57	-1	70
	77	78	81	81	76	70	63	56	0	70
	77	78	81	80	76	70	62	56	1	70
	78	79	81	80	75	69	62	55	2	69
	78	79	81	81	76	69	62	56	3	70
	78	80	81	82	77	70	63	56	4	71
	79	81	82	83	79	72	64	58	5	73
	79	81	84	85	81	73	66	60	6	74
	80	82	85	88	83	75	67	61	7	76
	84	83	86	90	85	76	69	63	8	78
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	74	78	83	81	78	71	64	58	-2	71
	75	78	81	80	77	71	63	57	-1	70
	76	78	80	80	76	70	63	56	0	69
	78	78	81	80	76	70	63	56	1	70
	79	78	81	81	77	71	64	57	2	70
	79	79	81	81	77	71	64	57	3	71
	79	80	82	82	78	71	64	57	4	71
	80	81	83	83	79	73	66	59	5	73
	81	82	84	85	81	74	67	60	6	74
	82	84	86	87	83	76	69	62	7	76
	86	86	88	89	85	77	70	64	8	78

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

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VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 2700-B12-1160

RPM 1160

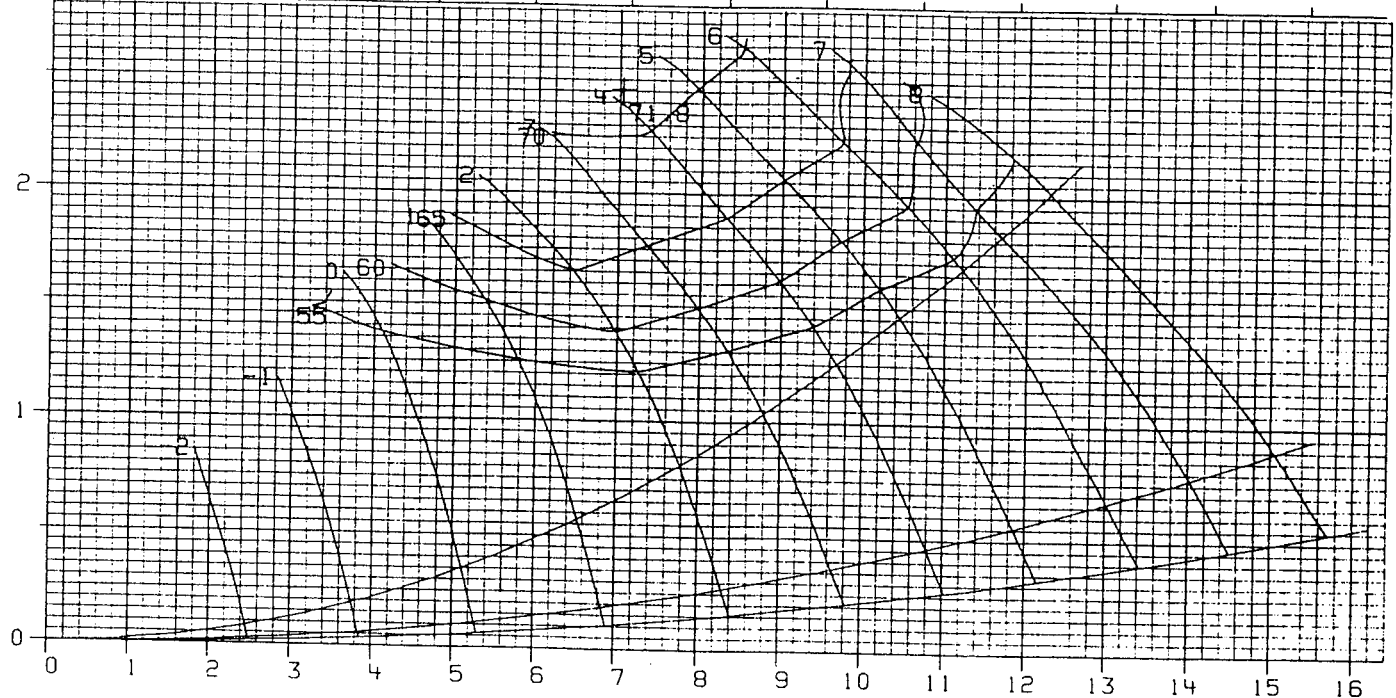
MOTOR HP	MIN.	A/4 MAX.
	3	50

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EFFECTIVE: SEPTEMBER 2019

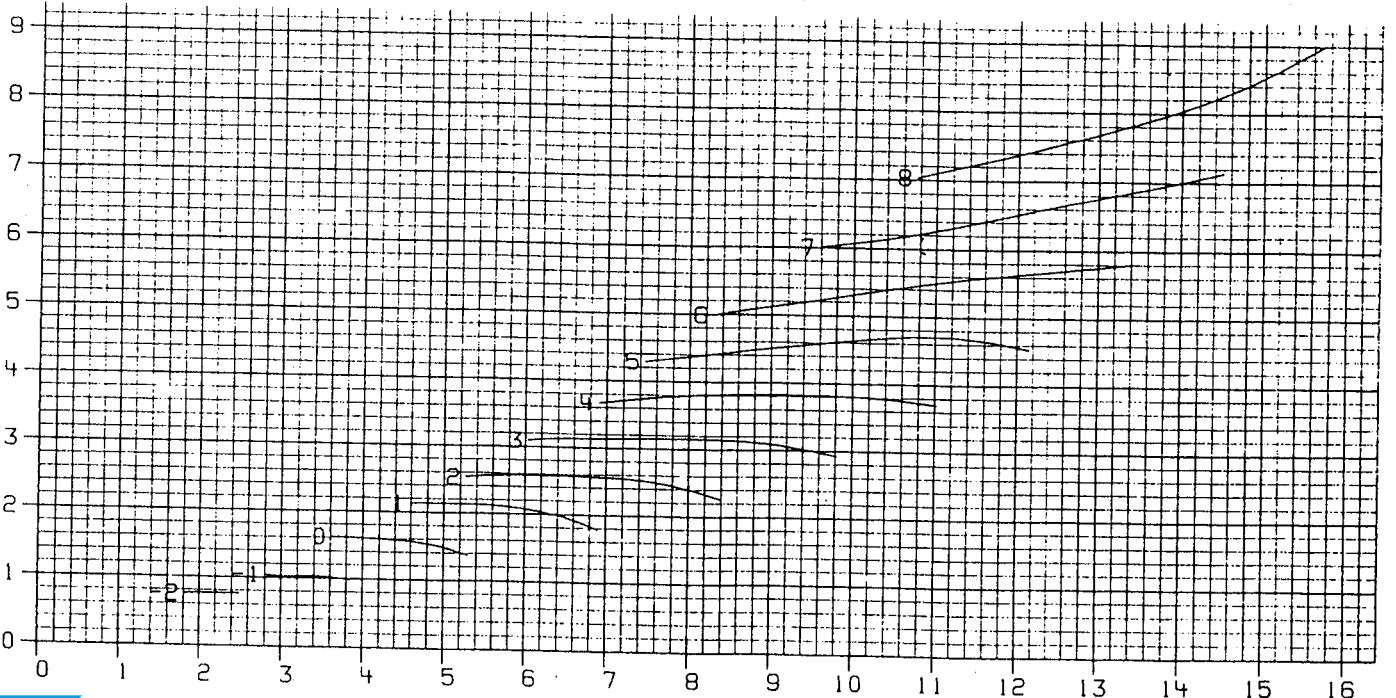
FAN OV, FPM/100 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40
 CONE OV, FPM/100 6 8 10 12 14 16 18 20 22 24 26

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



VOLUME - CFM x 1000

HORSEPOWER



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 2700-B12-1160

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	79	81	86	87	83	77	70	65	-2	76
	83	83	86	87	82	77	69	63	-1	76
	87	85	86	87	82	76	69	62	0	76
	86	85	85	87	83	77	69	62	1	77
	85	84	88	88	84	78	69	63	2	77
	85	86	88	89	85	78	70	64	3	79
	86	87	89	91	86	78	71	65	4	80
	86	88	90	92	88	80	72	66	5	81
	86	89	90	93	90	82	73	68	6	82
	87	89	91	94	92	84	75	70	7	84
87	90	92	95	94	86	77	72	8	86	
MEDIUM Medium point is read at average TP/VP of low and high points	79	82	86	87	84	78	71	65	-2	77
	82	83	86	87	84	79	71	65	-1	77
	84	84	86	88	84	79	72	65	0	77
	85	84	87	87	84	78	71	64	1	77
	85	84	87	87	83	77	70	63	2	77
	85	85	87	88	84	78	71	64	3	77
	84	86	87	89	85	79	71	65	4	78
	85	87	88	90	87	80	73	66	5	80
	86	88	88	92	89	82	74	68	6	82
	87	88	90	94	92	84	75	69	7	84
88	89	91	96	94	85	77	71	8	86	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	80	83	87	88	85	80	72	66	-2	78
	82	83	86	88	84	79	72	65	-1	77
	83	84	86	87	83	78	71	64	0	77
	86	84	86	87	84	79	72	65	1	77
	88	84	87	87	84	79	72	66	2	77
	87	85	87	88	85	79	73	66	3	78
	86	86	87	89	86	80	73	66	4	79
	87	87	89	90	88	81	74	67	5	80
	88	88	90	91	89	83	75	69	6	82
	89	90	92	93	92	84	77	70	7	84
90	91	94	95	94	86	78	72	8	86	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

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VAV

VANEAXIAL FAN
ADJUSTABLE PITCH
CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 2700-B12-1760

RPM 1760

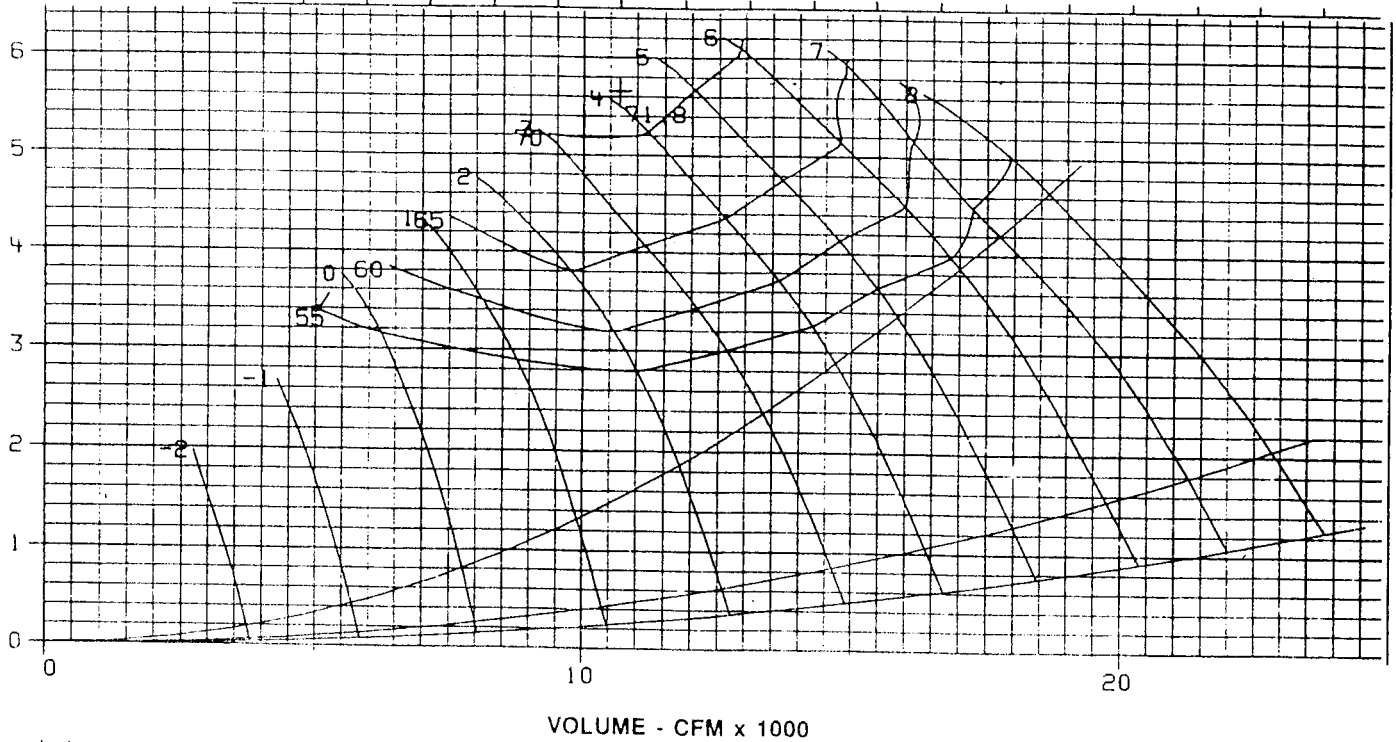
MOTOR HP	MIN.	A/4 MAX.
	5	.75

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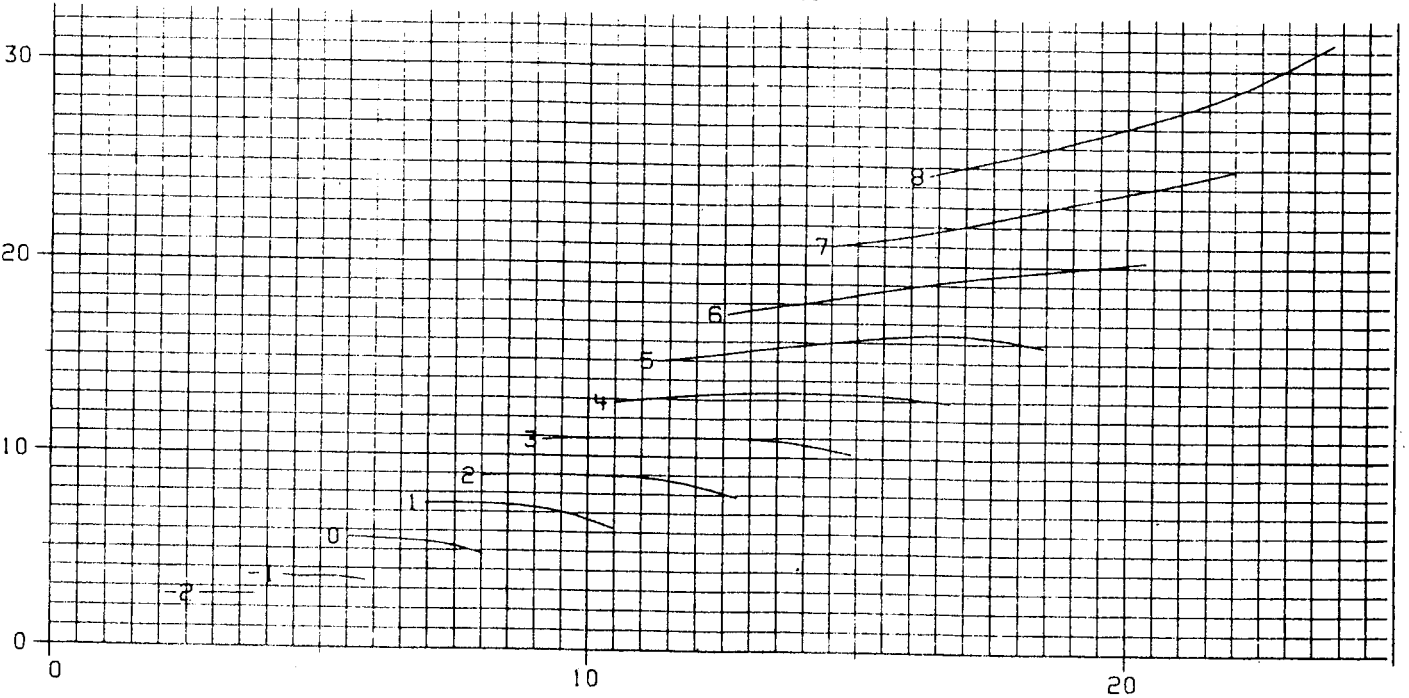
EFFECTIVE: SEPTEMBER 2019

FAN OV, FPM/100 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62
 CONE OV, FPM/100 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



HORSEPOWER



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 2700-B12-1760

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	90	90	93	97	94	91	83	77	-2	87
	92	94	94	96	94	89	83	76	-1	87
	95	98	96	96	94	88	82	75	0	87
	93	97	96	97	95	90	83	75	1	87
	92	96	96	97	95	91	83	76	2	88
	93	97	97	98	97	91	84	76	3	89
	93	98	98	99	98	92	84	77	4	90
	93	98	99	100	100	94	86	79	5	91
	93	99	100	101	101	96	87	80	6	93
	94	99	100	102	102	98	89	82	7	94
94	97	101	103	104	100	92	85	8	96	
MEDIUM Medium point is read at average TP/VP of low and high points	90	91	93	98	95	92	84	78	-2	88
	91	93	94	97	95	91	84	78	-1	88
	92	95	95	96	95	91	85	78	0	88
	92	96	95	97	95	91	84	77	1	88
	93	96	96	97	95	90	83	77	2	87
	92	96	96	97	95	91	84	77	3	88
	91	96	97	97	96	92	85	78	4	89
	92	97	97	98	98	93	86	79	5	90
	93	98	98	99	100	95	88	80	6	92
	94	99	99	101	102	97	89	82	7	94
96	96	100	102	105	100	91	84	8	96	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	90	92	95	99	96	93	85	79	-2	89
	90	94	95	97	95	91	85	78	-1	88
	91	95	95	96	95	90	85	78	0	87
	93	96	95	96	95	91	85	78	1	88
	95	98	95	97	95	91	85	79	2	88
	94	98	96	97	96	92	86	79	3	89
	93	95	97	98	97	92	86	79	4	89
	94	98	98	99	98	94	87	80	5	91
	95	100	99	100	100	96	89	82	6	92
	96	101	101	102	102	98	90	83	7	94
97	98	102	104	104	100	92	85	8	96	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lw sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

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VAV

VANEAXIAL FAN
ADJUSTABLE PITCH
CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 2700-B12-3500

RPM 3500

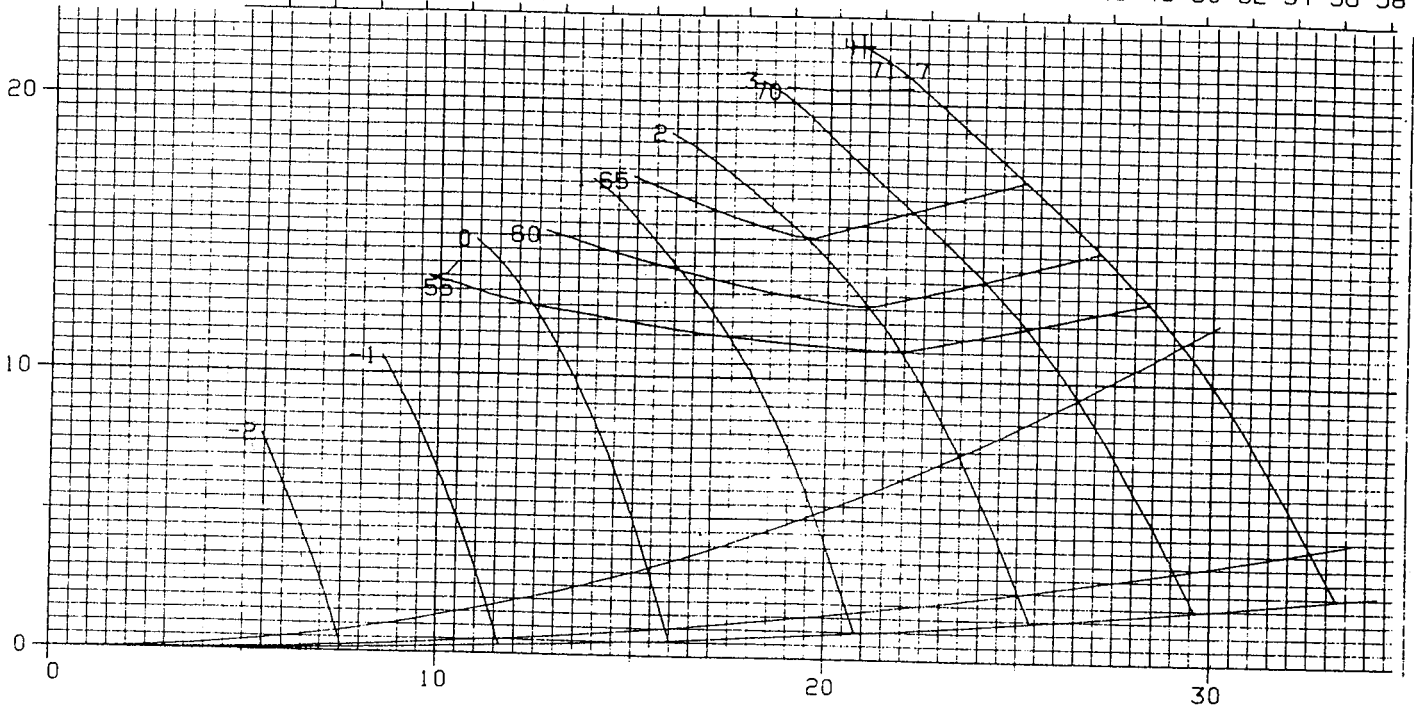
MOTOR HP	MIN.	A/4 MAX.
	40	75

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EFFECTIVE: SEPTEMBER 2019

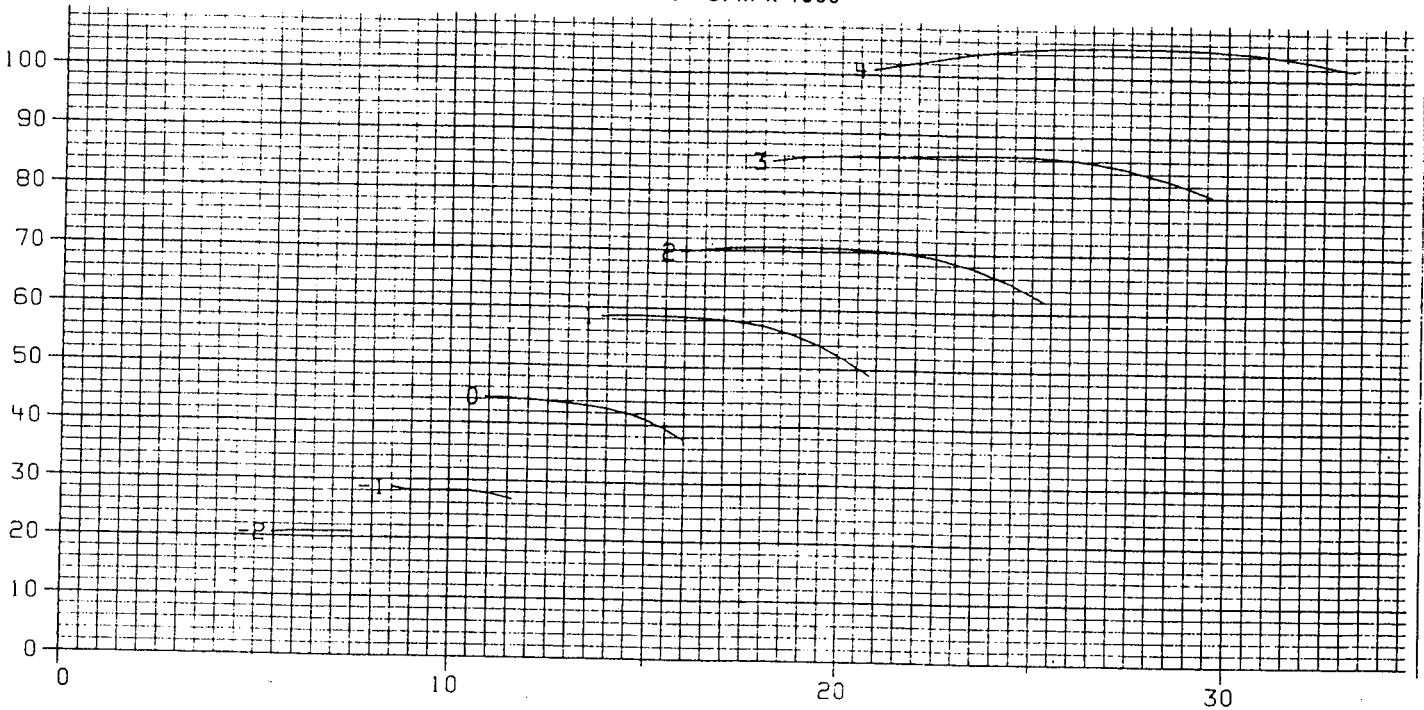
FAN OV, FPM/100 16 20 24 28 32 36 40 44 48 52 56 60 64 68 72 76 80 84
 CONE OV, FPM/100 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



VOLUME - CFM x 1000

HORSEPOWER



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 2700-B12-3500

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	102	101	107	109	112	109	106	98	-2	104
	104	103	111	110	111	109	104	97	-1	104
	107	104	114	112	111	109	103	97	0	104
	105	104	114	112	112	110	104	97	1	105
	104	103	113	112	112	110	105	98	2	105
	104	105	114	113	113	112	106	99	3	106
	105	106	115	114	114	113	107	99	4	107
									5	
								6		
								7		
								8		
MEDIUM Medium point is read at average TP/VP of low and high points	102	102	108	109	112	109	107	98	-2	105
	103	102	110	110	111	110	106	99	-1	104
	104	103	112	111	111	110	106	100	0	105
	104	103	113	111	111	110	105	99	1	105
	105	103	113	111	112	110	105	98	2	105
	104	104	113	112	112	110	106	99	3	105
	103	106	113	113	112	111	106	100	4	106
									5	
								6		
								7		
								8		
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	102	104	109	110	113	110	108	100	-2	106
	102	103	110	111	112	110	106	100	-1	105
	103	103	112	111	111	109	105	100	0	104
	105	103	113	111	111	110	106	100	1	105
	107	103	115	111	111	110	106	100	2	105
	106	104	114	112	112	111	107	101	3	106
	105	105	114	113	112	112	107	101	4	106
									5	
								6		
								7		
								8		

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for Inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

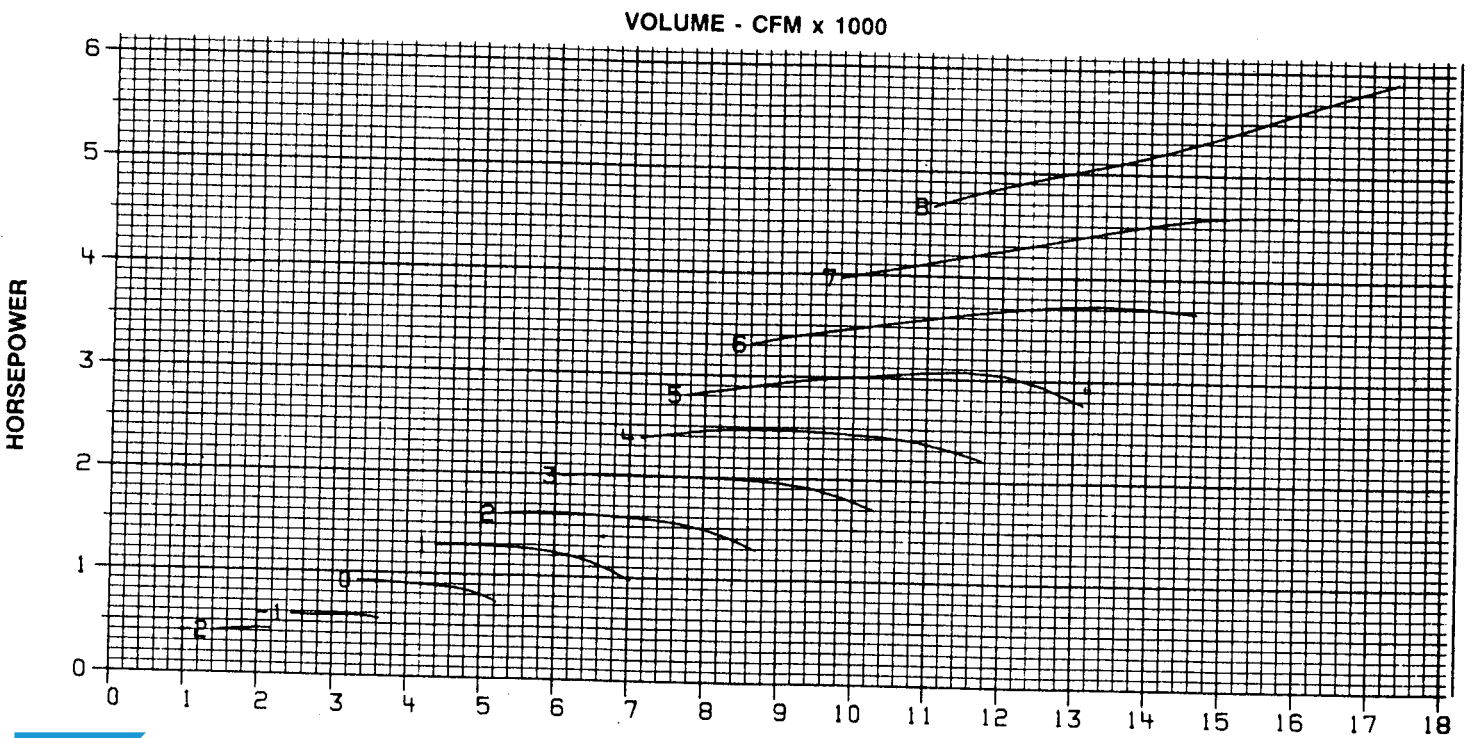
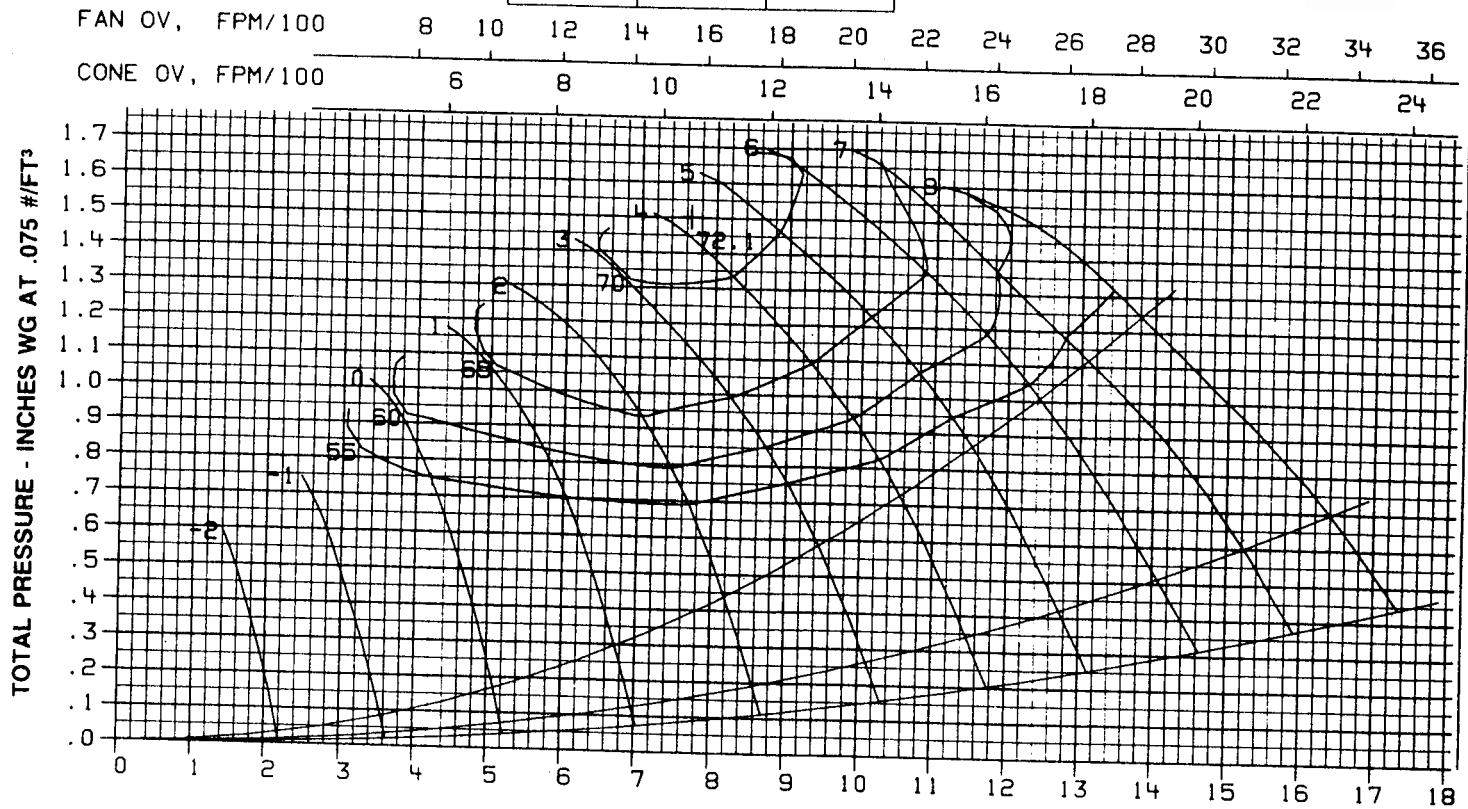
SIZE 3000-B12- 890

RPM 890

MOTOR HP	MIN.	A/4 MAX.
	1½	40

PAGE 36

EFFECTIVE: SEPTEMBER 2019



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.



1675 GLEN ELLYN ROAD
 GLENDALE HEIGHTS, ILLINOIS 60139
 Phone 708-858-2600

EFFECTIVE: SEPTEMBER 2019

PAGE 36S

FAN MODEL: 3000-B12-890

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	76	80	83	82	79	71	64	58	-2	72
	78	81	83	82	78	71	64	57	-1	72
	81	82	83	83	77	70	63	56	0	72
	81	82	84	83	78	71	64	57	1	72
	80	83	85	83	79	72	64	58	2	73
	81	83	85	84	79	72	65	58	3	73
	81	83	85	85	79	72	65	59	4	74
	81	84	86	87	81	73	67	61	5	75
	82	85	87	88	83	75	68	63	6	77
	82	86	89	90	85	77	70	65	7	79
85	86	90	92	88	79	72	67	8	81	
MEDIUM Medium point is read at average TP/VP of low and high points	76	80	83	82	79	72	65	59	-2	72
	77	80	83	83	79	73	65	58	-1	72
	79	80	82	83	79	73	66	58	0	73
	79	81	83	82	79	72	65	58	1	72
	79	81	83	82	78	72	65	58	2	72
	80	82	83	82	78	72	65	58	3	72
	80	82	84	83	79	73	66	59	4	73
	81	83	85	85	81	74	67	61	5	74
	81	84	86	87	83	75	68	63	6	76
	82	84	87	90	85	77	70	65	7	79
86	85	89	92	87	79	72	67	8	81	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	78	82	85	84	81	74	66	59	-2	74
	78	81	83	83	80	74	66	59	-1	73
	78	80	82	82	79	74	66	58	0	72
	79	81	82	82	79	74	67	59	1	72
	81	81	83	82	79	73	67	59	2	72
	81	82	83	83	79	74	67	60	3	73
	81	83	84	83	80	74	67	60	4	73
	82	83	85	85	81	75	68	61	5	75
	83	84	86	86	83	76	69	63	6	76
	84	86	88	89	85	78	71	65	7	78
87	88	90	91	87	80	73	67	8	80	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

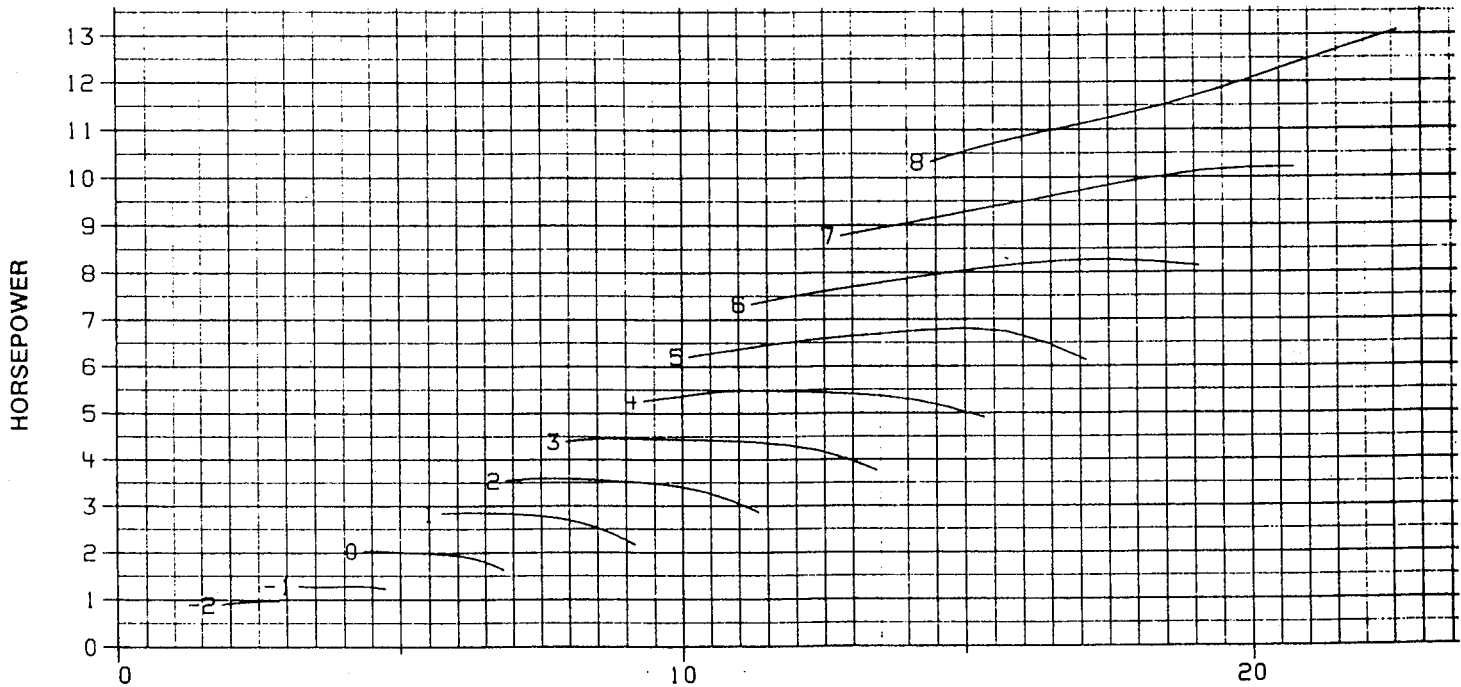
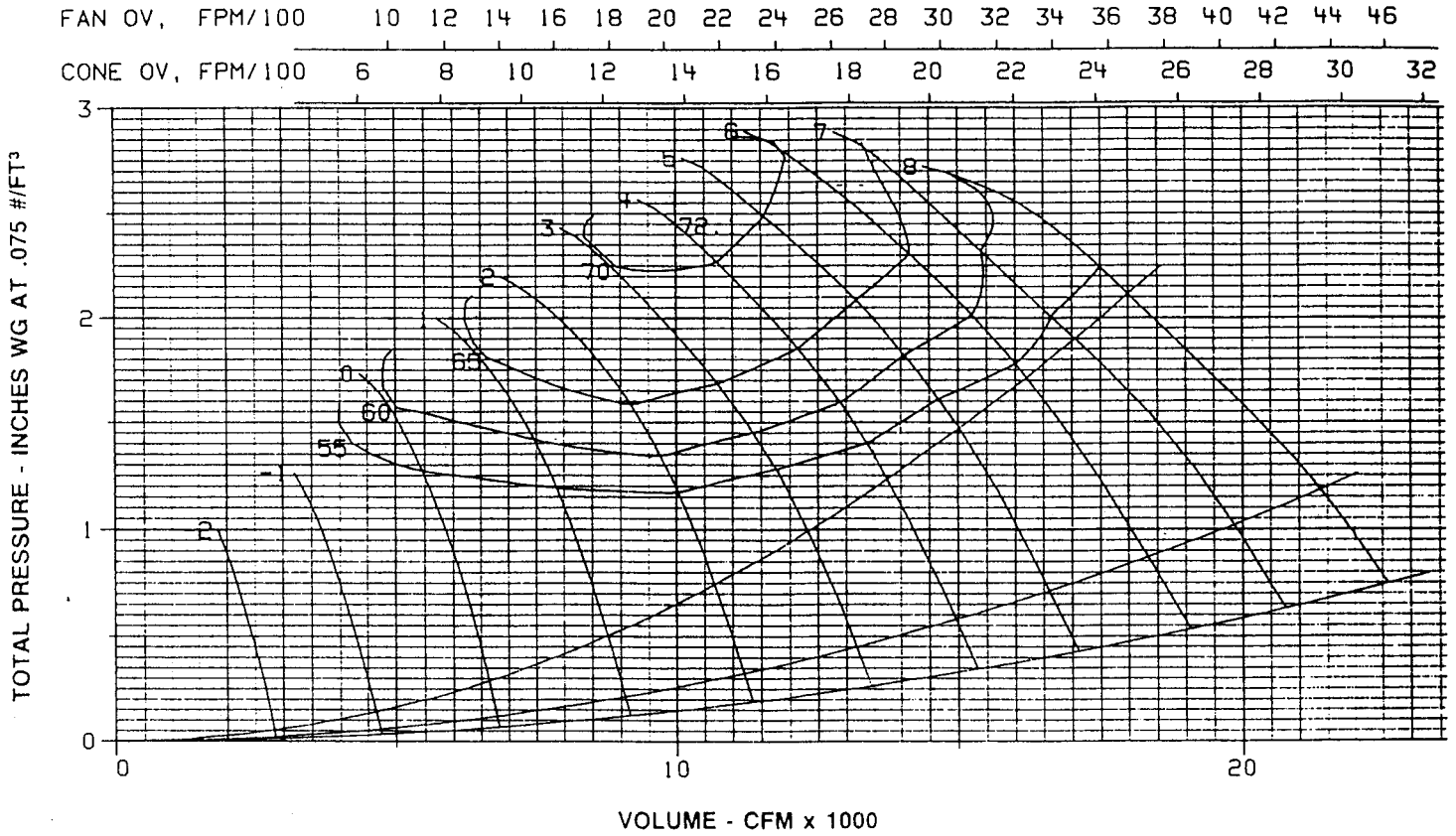
SIZE 3000-B12-1160

RPM 1160

MOTOR HP	MIN.	A/4 MAX.
	3	50

PAGE 37

EFFECTIVE: SEPTEMBER 2019



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

BULLETIN VAV-47



1675 GLEN ELLYN ROAD
 GLENDALE HEIGHTS, ILLINOIS 60139
 Phone 708-858-2600

EFFECTIVE: SEPTEMBER 2019

PAGE 37S

FAN MODEL: 3000-B12-1160

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	83	85	88	89	86	81	72	66	-2	79
	86	86	88	90	85	80	72	65	-1	79
	88	88	88	90	85	79	72	65	0	79
	88	88	90	90	86	80	72	65	1	80
	88	87	92	90	87	81	73	66	2	80
	88	88	91	91	87	81	73	67	3	81
	88	89	91	93	87	80	73	67	4	81
	88	90	92	94	90	82	75	69	5	83
	88	90	93	95	92	84	76	71	6	85
	89	91	93	97	94	86	78	73	7	86
90	92	94	98	96	89	80	75	8	88	
MEDIUM Medium point is read at average TP/VP of low and high points	83	85	88	96	86	81	73	67	-2	79
	85	85	87	96	87	82	73	67	-1	79
	86	86	87	98	87	82	74	67	0	80
	87	86	88	89	86	81	74	66	1	79
	87	86	90	88	86	80	73	66	2	79
	87	87	89	89	86	80	74	67	3	79
	87	88	89	90	87	81	74	67	4	86
	87	89	90	92	89	82	75	69	5	82
	88	89	91	94	91	84	76	70	6	84
	90	90	92	97	94	86	78	72	7	86
91	92	93	99	96	88	80	74	8	88	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	85	88	90	91	88	83	75	68	-2	81
	85	87	89	90	87	83	75	67	-1	80
	85	86	88	89	86	82	75	67	0	79
	87	86	88	89	86	82	75	68	1	79
	89	86	89	89	86	81	75	68	2	79
	89	87	89	90	87	82	75	68	3	80
	88	88	90	90	87	82	76	68	4	80
	89	89	91	92	89	83	77	70	5	82
	90	90	92	93	91	85	78	71	6	83
	91	91	94	95	93	86	79	73	7	85
92	94	96	97	96	88	80	75	8	88	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

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VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



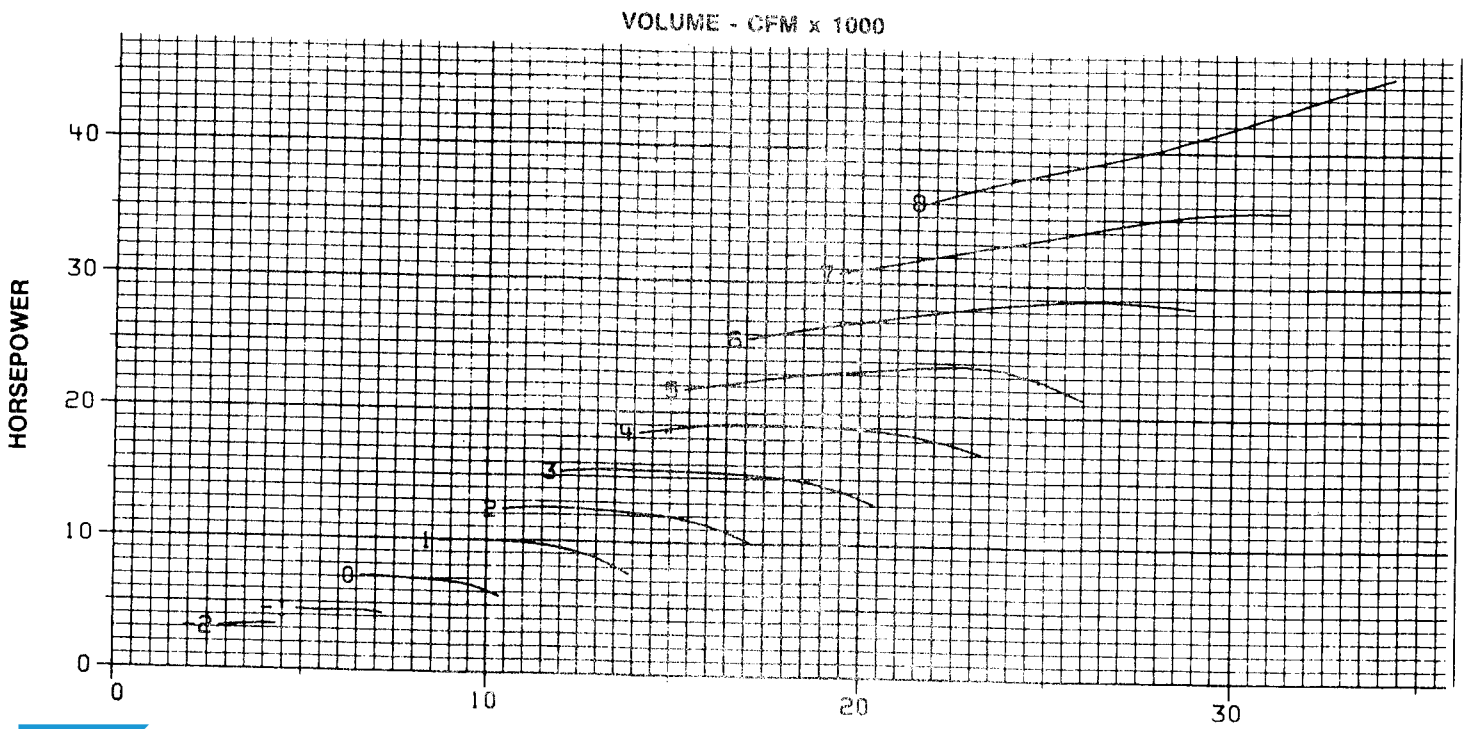
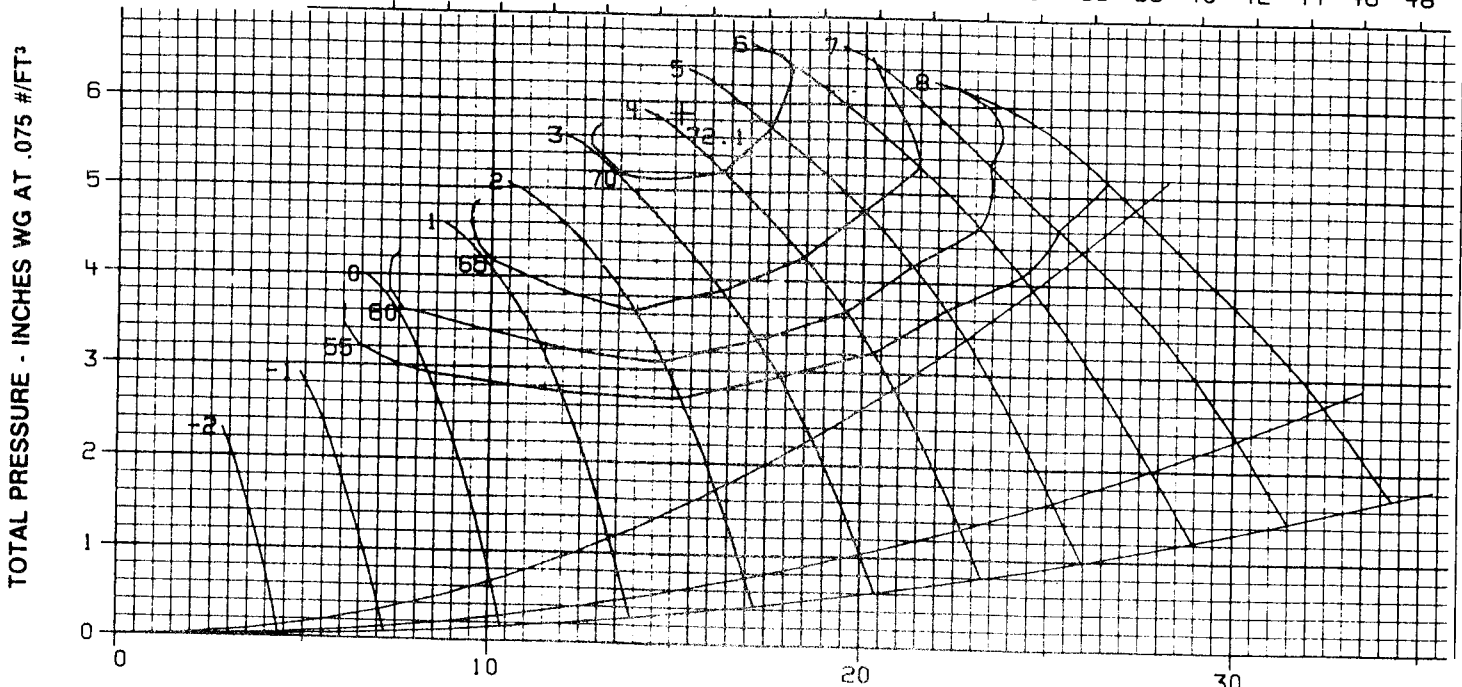
1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 3000-B12-1760 RPM 1760

MOTOR HP	MIN.	A/4 MAX.
	7 1/2	75

PAGE 38
EFFECTIVE: SEPTEMBER 2019

FAN OV, FPM/100 16 20 24 28 32 36 40 44 48 52 56 60 64 68 72
CONE OV, FPM/100 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 3000-B12-1760

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	93	94	95	99	97	94	86	79	-2	90
	95	97	96	99	97	93	86	78	-1	90
	96	100	98	99	97	92	85	78	0	90
	96	100	98	100	98	93	86	78	1	90
	95	99	98	101	98	94	87	79	2	91
	95	99	99	101	99	94	87	80	3	91
	95	100	99	101	100	94	87	80	4	92
	95	100	100	102	101	96	88	81	5	93
	96	101	101	103	103	98	90	83	6	95
	96	101	101	104	105	100	92	85	7	96
	97	98	102	106	107	102	94	87	8	98
MEDIUM Medium point is read at average TP/VP of low and high points	93	94	95	99	97	94	86	79	-2	90
	93	96	96	98	98	94	87	80	-1	90
	94	97	96	98	98	94	88	80	0	90
	94	98	97	98	97	93	87	80	1	90
	95	98	97	99	96	92	86	80	2	89
	94	98	98	99	97	93	87	80	3	90
	94	99	98	99	98	93	87	80	4	90
	95	99	99	101	100	95	88	82	5	92
	96	100	100	102	102	97	90	83	6	94
	97	101	100	103	105	100	92	85	7	96
	98	98	101	105	107	102	94	87	8	98
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	94	97	98	101	98	96	88	81	-2	91
	93	97	97	99	98	94	89	81	-1	90
	92	97	96	98	97	94	88	81	0	90
	94	98	96	98	97	94	88	81	1	90
	96	99	97	98	97	93	88	81	2	90
	96	100	98	99	98	94	88	82	3	90
	95	100	98	100	98	94	89	82	4	91
	96	101	99	101	100	96	90	83	5	92
	97	101	100	102	101	97	91	84	6	93
	98	103	102	104	103	100	93	86	7	96
	99	100	104	106	106	102	94	87	8	98

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



SIZE 3300-B12- 890

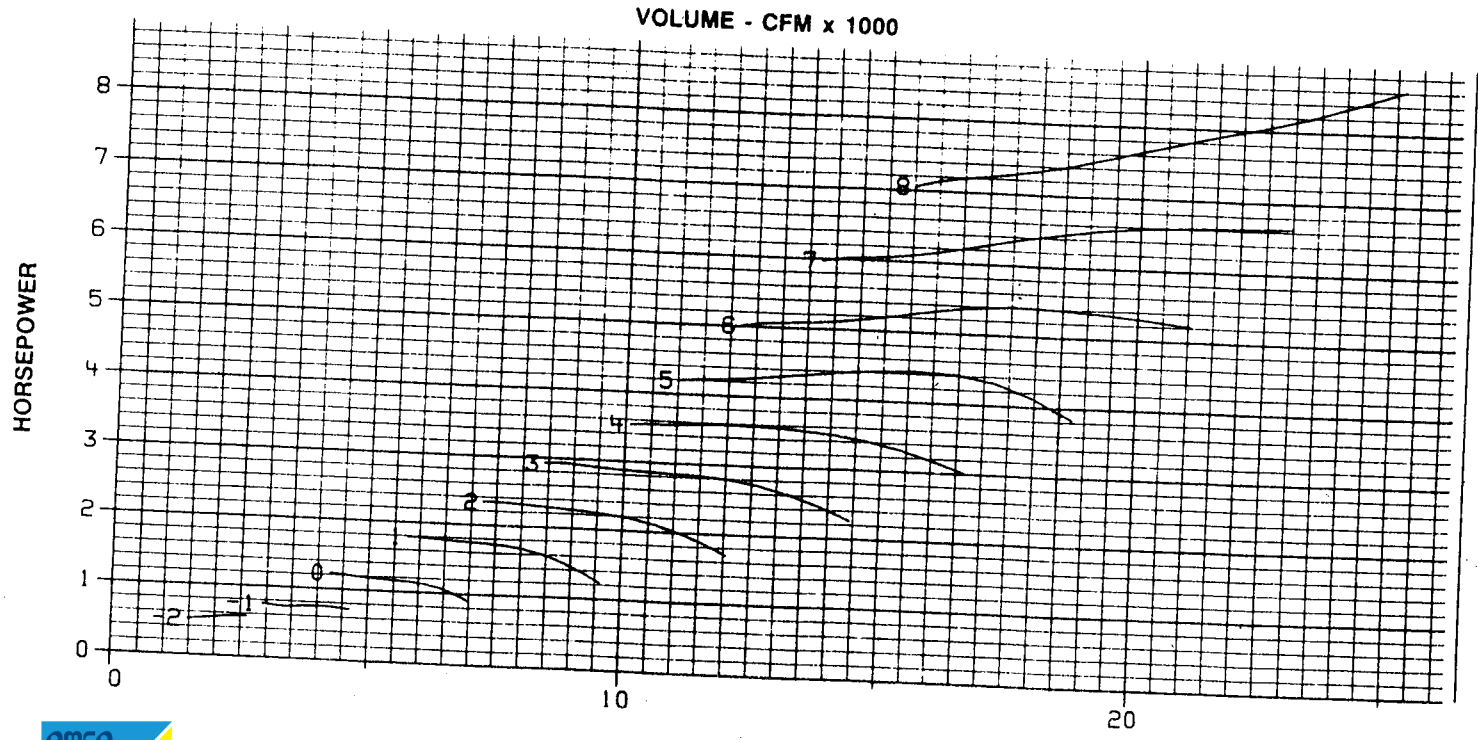
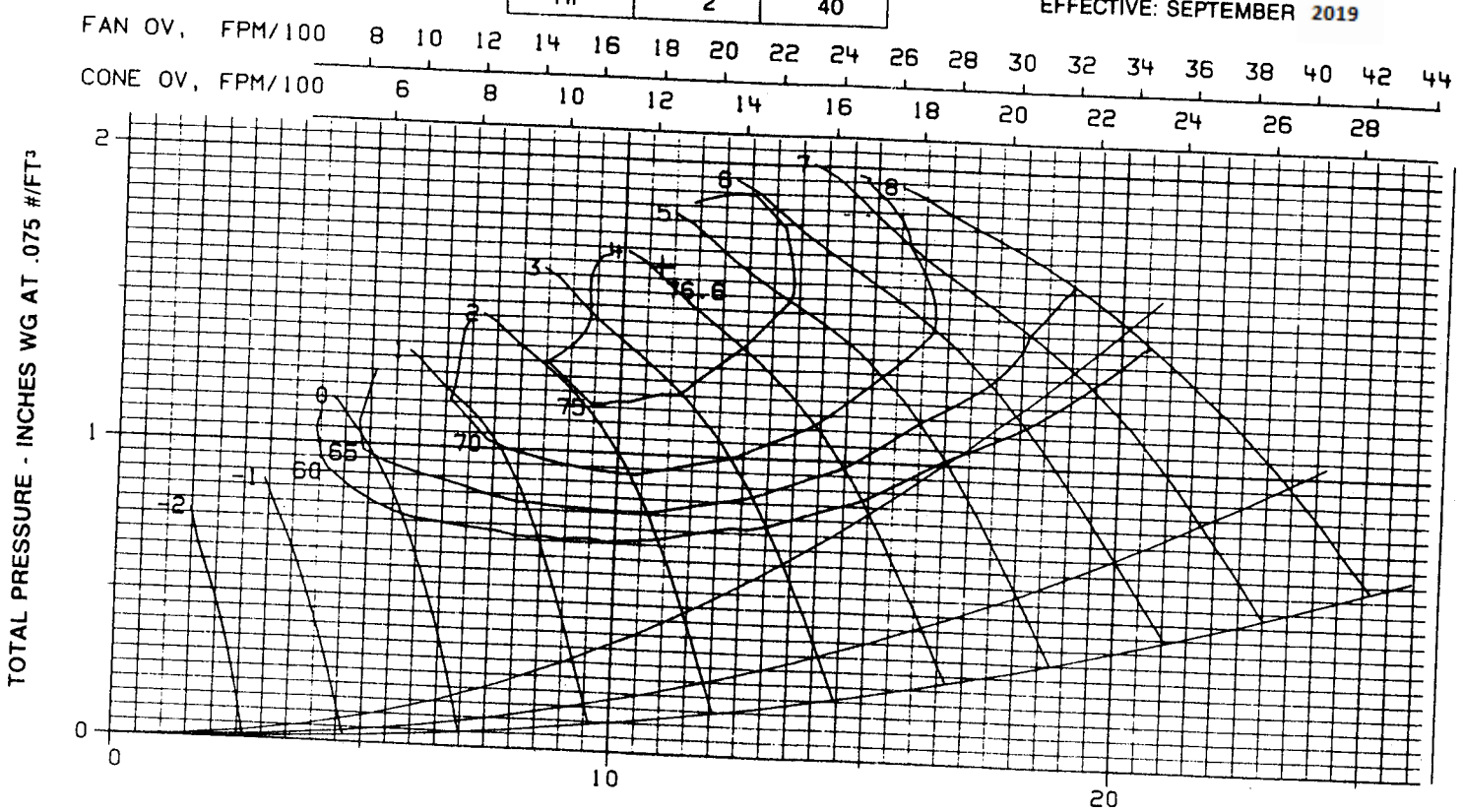
RPM 890

1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

MOTOR HP	MIN.	A/4 MAX.
	2	40

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EFFECTIVE: SEPTEMBER 2019



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 3300-B12-890

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	79	82	85	85	81	74	66	59	-2	74
	81	82	86	85	81	74	66	58	-1	74
	82	83	86	86	80	73	65	58	0	74
	82	84	87	85	81	74	67	59	1	75
	82	85	89	85	82	75	68	60	2	75
	82	84	88	85	81	75	68	61	3	75
	82	84	88	86	80	74	67	61	4	75
	82	84	89	88	82	75	69	64	5	77
	83	85	90	90	84	76	70	66	6	78
	84	86	91	92	87	79	72	68	7	81
	88	86	93	94	89	81	74	70	8	83
MEDIUM Medium point is read at average TP/VP of low and high points	79	81	85	85	81	74	66	59	-2	74
	79	81	85	85	82	75	67	59	-1	74
	80	81	82	85	82	76	67	59	0	75
	80	81	85	82	81	75	67	60	1	74
	80	82	85	83	80	74	68	60	2	73
	81	82	86	83	80	74	68	61	3	73
	81	83	86	84	80	74	68	61	4	74
	82	84	87	86	82	75	69	63	5	76
	83	84	88	88	84	76	70	65	6	77
	84	85	90	92	86	79	72	67	7	80
	88	86	92	95	89	81	74	70	8	83
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	82	85	88	86	83	76	68	60	-2	76
	80	83	86	85	82	77	69	60	-1	75
	79	81	84	84	82	77	69	61	0	75
	80	81	84	84	81	77	69	61	1	74
	81	82	85	83	80	76	69	61	2	74
	82	82	85	84	81	76	69	61	3	74
	82	83	86	84	81	76	69	62	4	74
	83	84	87	85	82	77	70	64	5	76
	83	85	88	87	83	78	71	65	6	77
	85	86	90	89	86	79	73	68	7	79
	88	88	93	92	88	81	74	70	8	82

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

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VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 3300-B12-1160

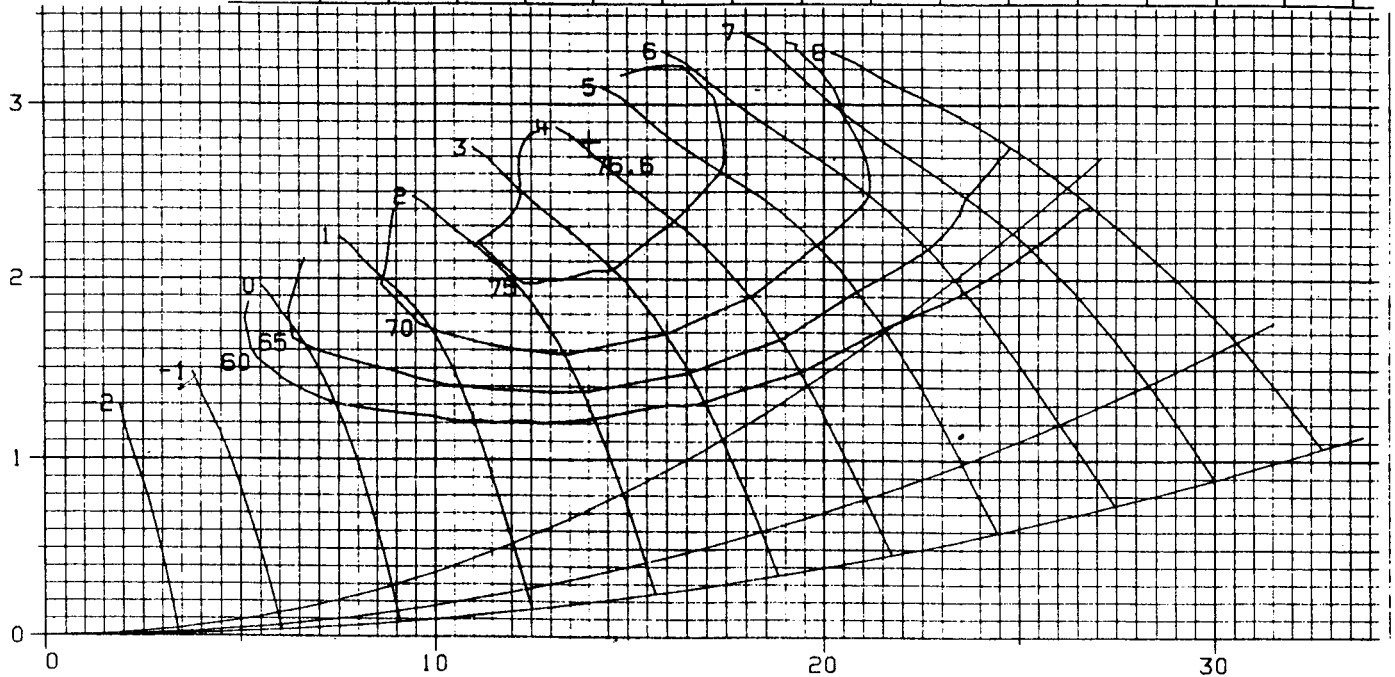
RPM 1160

MOTOR HP	MIN.	A/4 MAX.
	5	50

EFFECTIVE: SEPTEMBER 2019

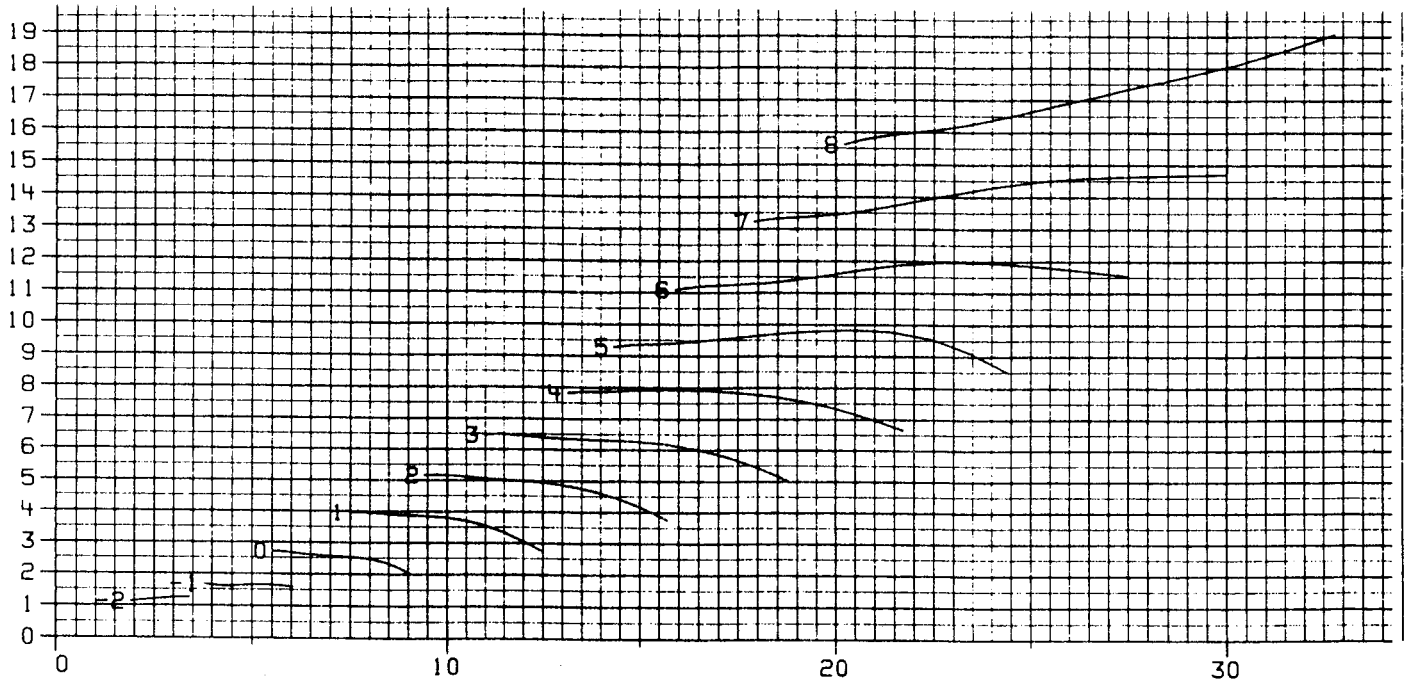
FAN OV, FPM/100 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56
 CONE OV, FPM/100 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



VOLUME - CFM x 1000

HORSEPOWER



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 3300-B12-1160

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	86	87	91	91	88	84	75	67	-2	81
	88	88	91	92	88	83	74	67	-1	82
	89	90	91	93	89	82	74	67	0	82
	90	89	94	92	89	83	75	68	1	82
	90	88	97	92	90	84	76	69	2	83
	90	88	95	93	89	83	76	69	3	82
	89	88	93	94	88	82	76	69	4	82
	89	89	94	95	90	84	76	71	5	84
	90	90	95	97	93	85	77	73	6	86
	91	90	96	99	96	88	79	75	7	88
	92	90	97	102	98	91	82	77	8	91
MEDIUM Medium point is read at average TP/VP of low and high points	86	86	90	91	88	84	75	67	-2	81
	86	86	89	91	89	84	75	68	-1	82
	87	86	89	91	90	84	76	68	0	82
	88	86	91	90	88	83	76	68	1	81
	88	86	92	89	87	82	76	69	2	80
	88	87	92	90	87	82	76	69	3	81
	88	88	92	91	87	82	76	69	4	81
	89	89	93	93	90	84	77	71	5	83
	90	89	94	95	92	85	77	73	6	85
	91	90	95	99	95	88	80	75	7	88
	93	90	96	102	98	90	82	77	8	91
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	89	90	94	93	90	85	77	69	-2	83
	87	88	91	92	89	86	78	69	-1	82
	85	86	89	90	89	86	79	70	0	82
	87	86	90	90	88	85	78	70	1	81
	89	86	91	90	88	82	78	70	2	81
	90	87	92	91	88	82	78	70	3	81
	90	88	92	91	88	82	78	70	4	82
	90	89	93	92	90	85	79	72	5	83
	91	89	94	93	91	86	79	73	6	84
	92	91	96	96	94	88	81	75	7	86
	93	92	99	98	96	90	82	77	8	89

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

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VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE	3300-B12-1760
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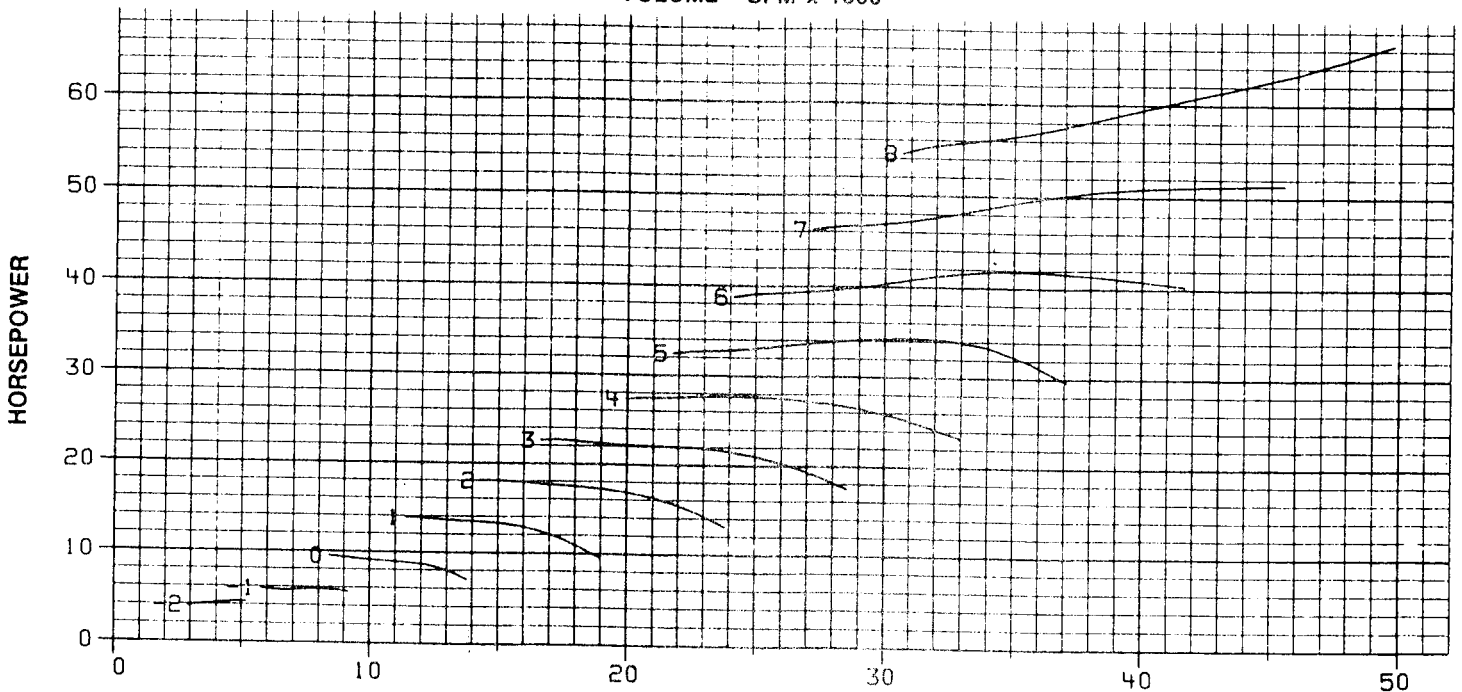
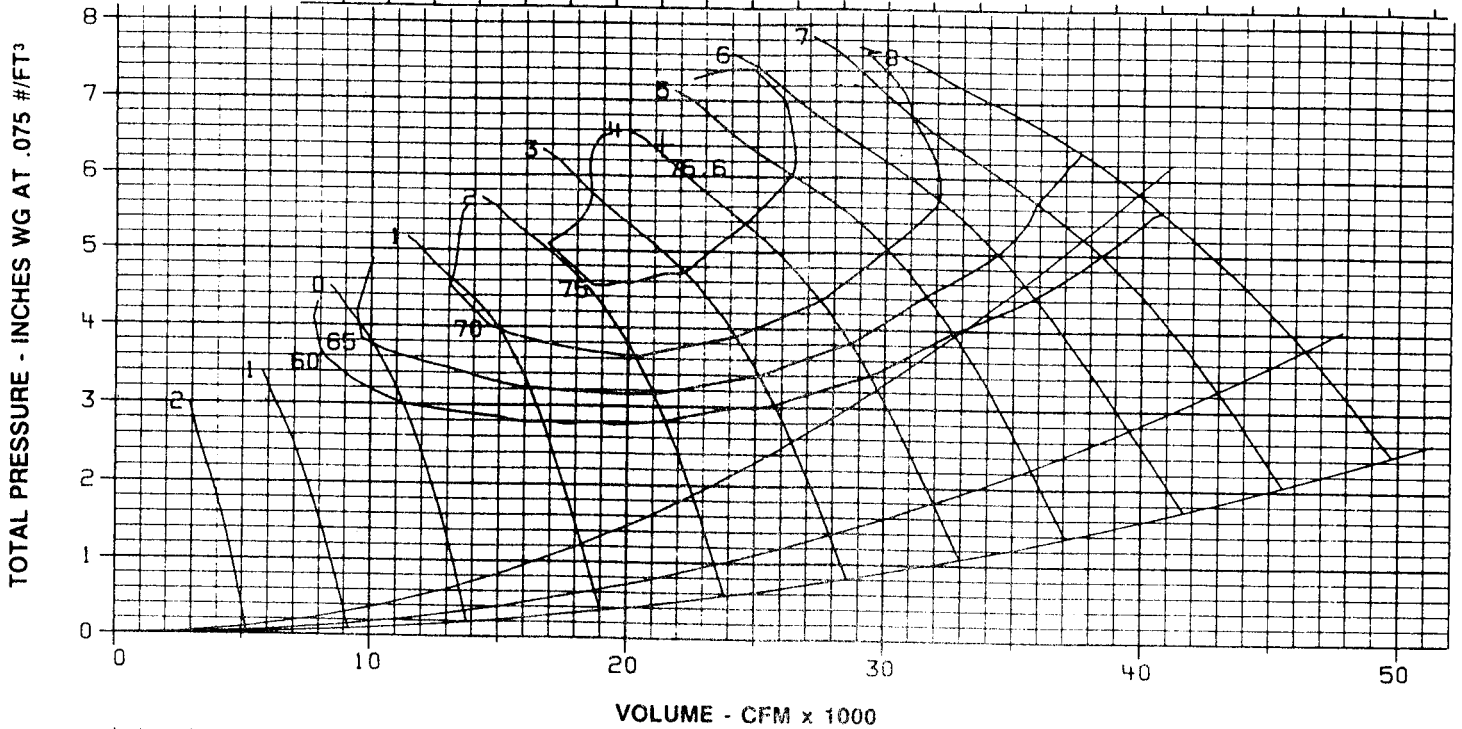
RPM	1760
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MOTOR HP	MIN.	A/4 MAX.
	10	75

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EFFECTIVE: SEPTEMBER 2019

FAN OV, FPM/100 16 20 24 28 32 36 40 44 48 52 56 60 64 68 72 76 80 84
 CONE OV, FPM/100 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 3300-B12-1760

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	95	97	99	100	99	96	89	81	-2	92
	96	99	99	101	100	95	88	80	-1	92
	97	100	100	101	100	95	88	80	0	92
	97	100	101	102	100	96	89	81	1	93
	98	100	102	104	100	96	90	82	2	93
	97	100	101	103	100	95	89	82	3	93
	96	100	101	102	100	94	89	82	4	93
	96	100	101	104	102	97	90	83	5	94
	97	101	102	105	104	99	91	85	6	96
	98	101	103	106	107	102	94	87	7	98
99	100	104	108	109	104	96	89	8	100	
MEDIUM Medium point is read at average TP/VP of low and high points	95	97	98	100	99	96	89	81	-2	92
	94	97	98	99	100	96	90	81	-1	92
	94	97	98	99	100	97	90	82	0	92
	95	98	98	99	99	95	90	82	1	91
	96	98	99	100	97	94	89	82	2	91
	96	99	99	101	98	94	89	82	3	91
	95	99	100	101	99	94	89	83	4	92
	96	100	100	102	101	96	90	84	5	93
	97	100	101	103	103	98	91	85	6	95
	98	101	102	105	106	101	94	87	7	98
100	97	103	107	109	104	96	89	8	100	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	97	100	102	103	101	97	91	83	-2	94
	95	98	100	101	100	97	92	83	-1	93
	93	97	98	99	99	97	92	84	0	92
	95	98	98	99	99	96	91	84	1	91
	97	99	98	100	100	95	90	84	2	91
	97	100	99	100	100	95	91	84	3	92
	97	100	100	101	101	96	91	84	4	92
	97	101	101	102	102	97	91	85	5	93
	98	101	101	103	103	98	92	86	6	94
	99	102	103	105	104	101	94	88	7	97
100	99	106	108	107	103	96	89	8	99	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 3650-B12- 890 RPM 890

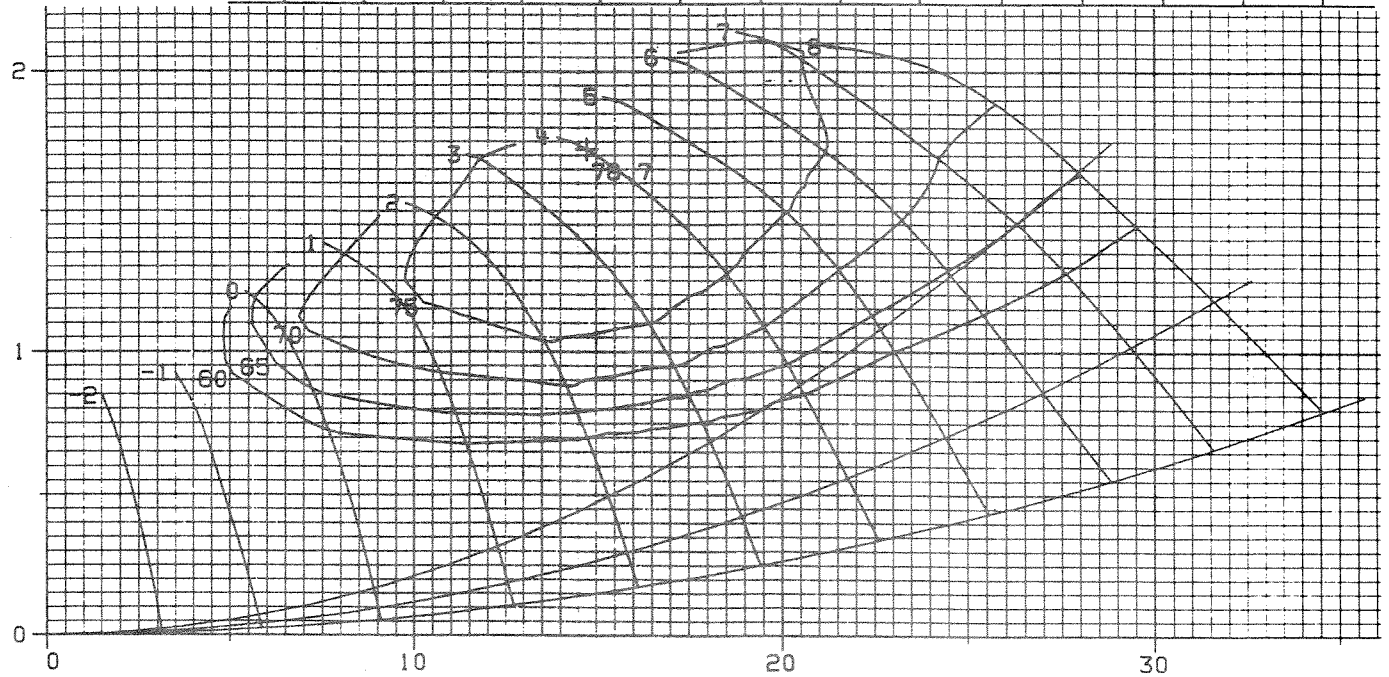
MOTOR HP	MIN.	A/4 MAX.
		2

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EFFECTIVE: SEPTEMBER 2019

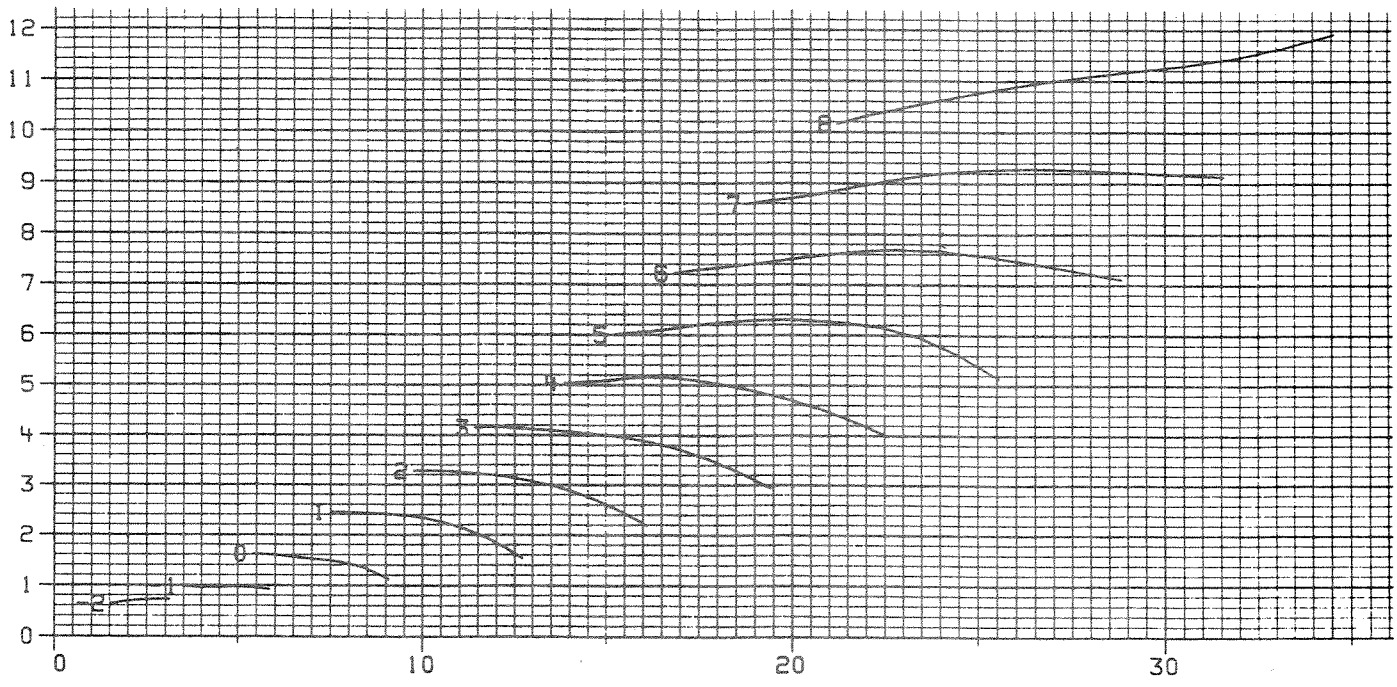
FAN OV, FPM/100 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48
 CONE OV, FPM/100 6 8 10 12 14 16 18 20 22 24 26 28 30 32

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



VOLUME - CFM x 1000

HORSEPOWER



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

BULLETIN VAV-47

FAN MODEL: 3650-B12-890

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	83	85	87	87	84	77	68	60	-2	77
	83	85	88	88	84	77	68	60	-1	77
	84	86	88	89	84	76	68	60	0	77
	84	87	90	88	84	78	70	62	1	78
	85	88	92	87	85	79	71	64	2	78
	84	87	91	87	83	77	71	64	3	77
	83	85	89	86	81	76	70	64	4	76
	83	86	90	89	83	77	71	66	5	78
	84	87	92	91	86	78	72	69	6	80
	85	87	93	94	89	73	74	71	7	83
	90	86	95	97	91	74	77	73	8	85
MEDIUM Medium point is read at average TP/VP of low and high points	82	84	87	87	84	77	68	60	-2	76
	81	83	86	87	84	78	69	60	-1	77
	81	82	85	87	85	78	69	61	0	77
	81	83	86	85	83	77	70	62	1	76
	82	84	87	86	82	77	70	62	2	75
	82	84	88	86	81	77	70	63	3	75
	83	85	88	85	81	76	70	63	4	75
	83	85	89	87	83	77	71	66	5	77
	84	86	90	90	85	78	72	68	6	79
	85	87	93	93	88	81	73	70	7	82
	90	86	95	97	91	84	77	73	8	85
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	86	89	91	89	85	79	70	61	-2	79
	83	86	88	87	85	80	71	62	-1	78
	80	82	85	86	86	81	73	63	0	78
	81	83	85	85	84	80	72	63	1	76
	82	83	86	85	82	78	72	63	2	75
	83	84	87	85	82	78	72	63	3	76
	84	85	88	85	82	78	72	64	4	76
	84	86	88	86	83	79	73	66	5	77
	84	86	89	87	84	79	73	68	6	77
	86	88	92	90	87	81	75	70	7	80
	89	88	95	93	90	83	77	73	8	83

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 3650-B12-1160

RPM 1160

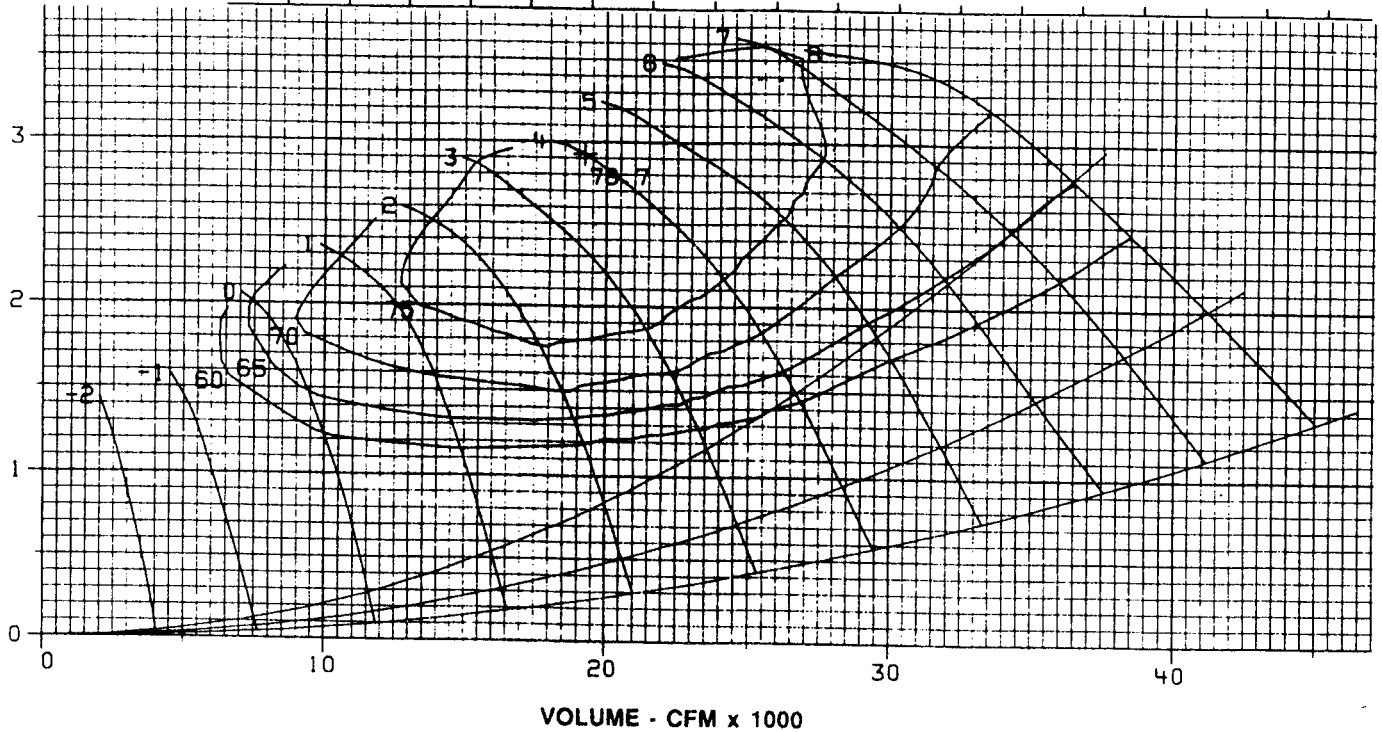
MOTOR HP	MIN.	A/4 MAX.
	5	50

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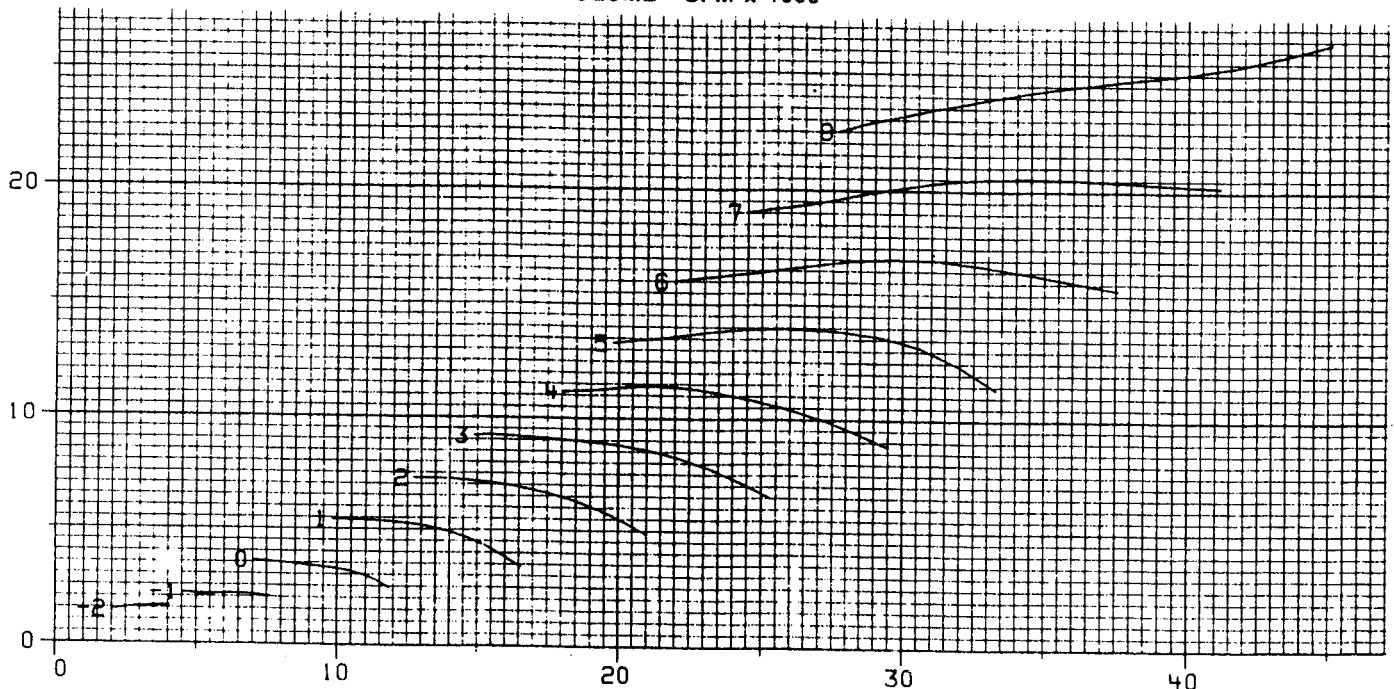
EFFECTIVE: SEPTEMBER 2019

FAN OV, FPM/100 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64
 CONE OV, FPM/100 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



HORSEPOWER



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct

FAN MODEL: 3650-B12-1160

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA	
Octave Band:	1	2	3	4	5	6	7	8			
Center Frequency:	63	125	250	500	1000	2000	4000	8000			
TP/VP											
HIGH High point is read at peak of curve at maximum total pressure	90	90	93	93	91	87	77	69	-2	84	
	90	91	93	95	92	86	77	69	-1	84	
	90	92	92	96	92	85	77	69	0	85	
	91	91	96	95	92	86	78	71	1	85	
	93	91	100	93	92	87	80	72	2	86	
	91	90	98	94	90	86	79	72	3	84	
	90	89	92	94	88	84	78	72	4	83	
	90	90	96	97	91	85	78	74	5	85	
	91	90	96	99	95	87	79	76	6	88	
	93	91	97	102	97	90	81	78	7	90	
MEDIUM Medium point is read at average TP/VP of low and high points	94	91	98	105	100	93	84	80	8	93	
	89	89	92	93	91	87	77	69	-2	84	
	88	88	91	93	92	87	78	69	-1	84	
	88	88	89	93	92	87	78	70	0	84	
	89	87	92	91	91	86	79	70	1	83	
	90	87	94	90	89	85	79	71	2	82	
	90	88	95	91	88	84	79	71	3	82	
	90	89	95	92	88	84	78	72	4	82	
	91	89	95	94	91	86	79	73	5	84	
	91	90	96	97	93	87	79	75	6	86	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	103	90	97	101	96	90	82	78	7	89	
	104	91	98	105	100	93	85	80	8	93	
	93	94	97	96	92	88	80	70	-2	86	
	90	91	94	94	92	89	81	71	-1	85	
	86	88	90	91	92	90	82	73	0	84	
	88	88	91	91	91	88	81	72	1	83	
	90	88	92	91	90	86	81	72	2	82	
	91	89	93	92	89	86	81	72	3	83	
	91	90	94	92	89	86	81	73	4	83	
	92	90	95	93	90	87	81	74	5	84	
92	90	95	94	92	87	81	76	6	85		
93	91	98	97	95	90	82	78	7	87		
94	93	100	100	98	92	84	80	8	90		

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 3650-B12-1760

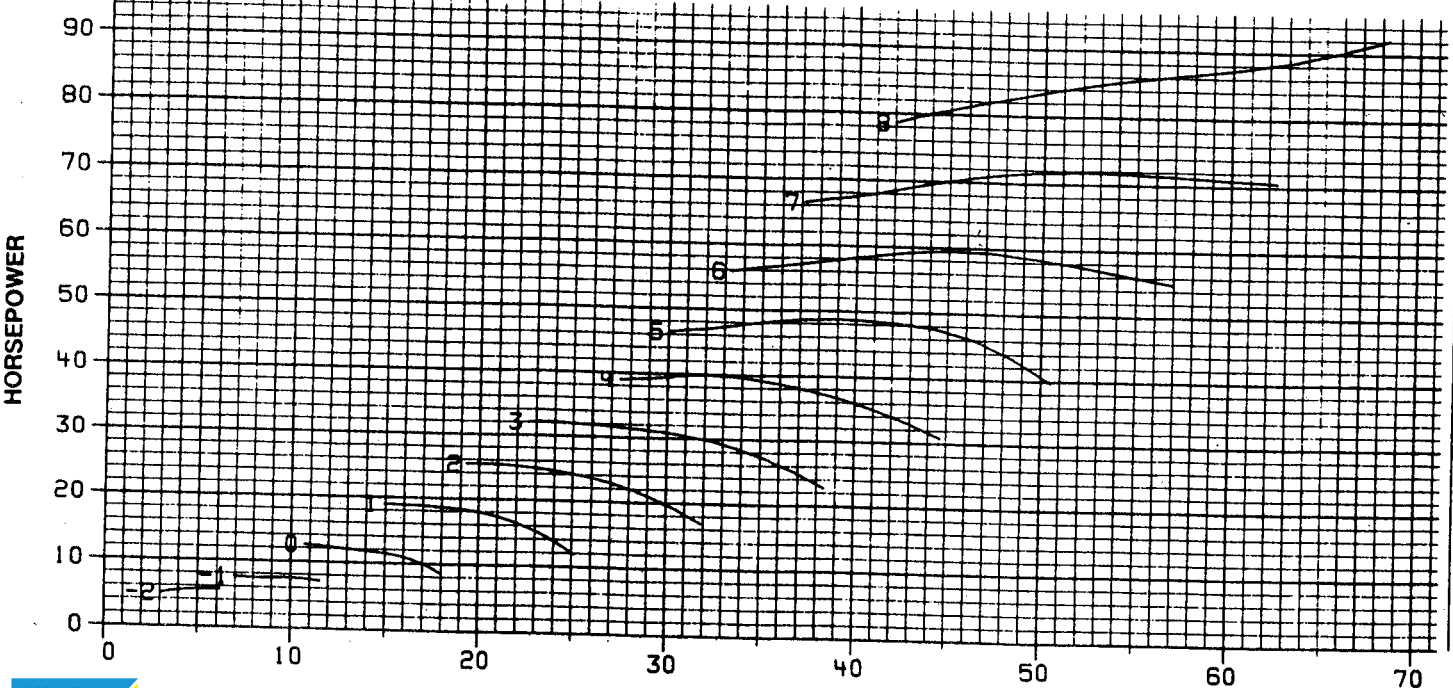
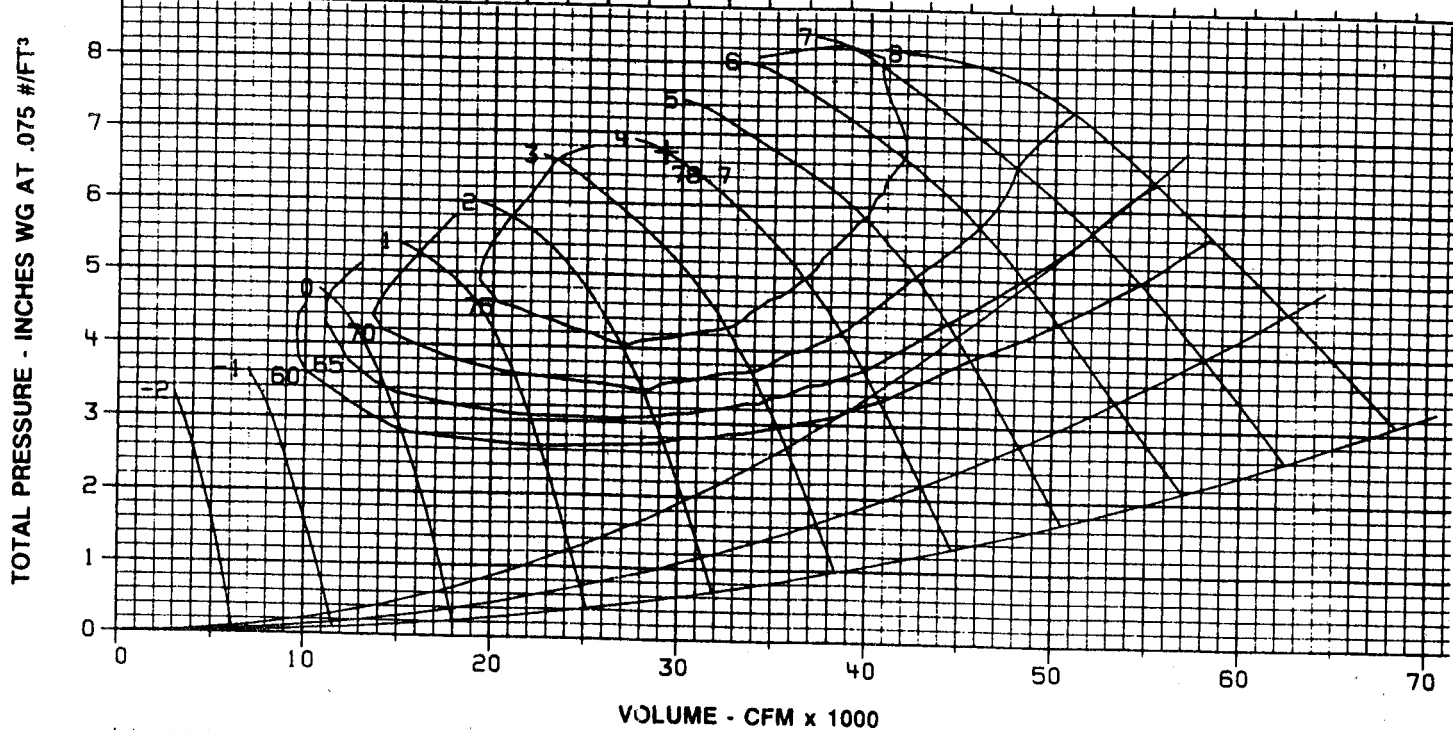
RPM 1760

MOTOR HP	MIN.	A/4 MAX.
	10	75

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EFFECTIVE: SEPTEMBER 2019

FAN OV, FPM/100 20 24 28 32 36 40 44 48 52 56 60 64 68 72 76 80 84 88 92 96
 CONE OV, FPM/100 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct



1675 GLEN ELLYN ROAD
 CHICAGO HEIGHTS, ILLINOIS 60419
 Phone 708-856-2800

EFFECTIVE: SEPTEMBER 2019

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FAN MODEL: 3650-B12-1760

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	97	101	101	102	102	99	92	83	-2	94
	97	101	101	102	102	99	91	83	-1	95
	97	102	102	103	103	98	91	83	0	95
	99	102	103	105	103	99	92	84	1	95
	100	103	104	107	102	99	94	86	2	96
	99	102	103	105	101	97	92	85	3	95
	97	101	101	104	101	96	91	85	4	94
	98	101	102	105	104	98	92	86	5	96
	98	102	102	106	106	101	93	87	6	98
	100	103	103	108	109	103	96	89	7	100
MEDIUM Medium point is read at average TP/VP of low and high points	102	98	106	110	112	106	98	91	8	103
	97	100	100	102	101	98	92	83	-2	94
	96	99	99	101	102	99	92	83	-1	94
	95	99	98	100	102	99	93	84	0	94
	96	99	99	101	100	98	92	85	1	93
	97	99	100	102	99	96	92	85	2	92
	97	100	100	102	99	96	91	85	3	93
	97	101	101	103	99	96	91	85	4	93
	98	101	101	104	102	98	92	86	5	95
	99	102	102	105	104	100	93	87	6	96
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	100	103	103	107	108	103	96	89	7	99
	102	98	106	110	112	106	99	92	8	103
	100	104	105	106	103	100	94	85	-2	96
	97	101	102	103	102	100	95	86	-1	95
	94	98	98	100	101	100	96	87	0	94
	96	99	99	100	100	99	94	87	1	93
	97	100	99	101	100	97	93	86	2	93
	98	101	100	102	100	97	93	86	3	93
	99	102	101	102	100	97	93	87	4	93
	99	102	101	103	101	98	93	87	5	94
99	102	102	104	102	99	94	88	6	95	
100	103	104	106	105	102	96	90	7	98	
101	100	108	109	108	105	98	91	8	101	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lw sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT

4

CHICAGO BLOWER CORPORATION

1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

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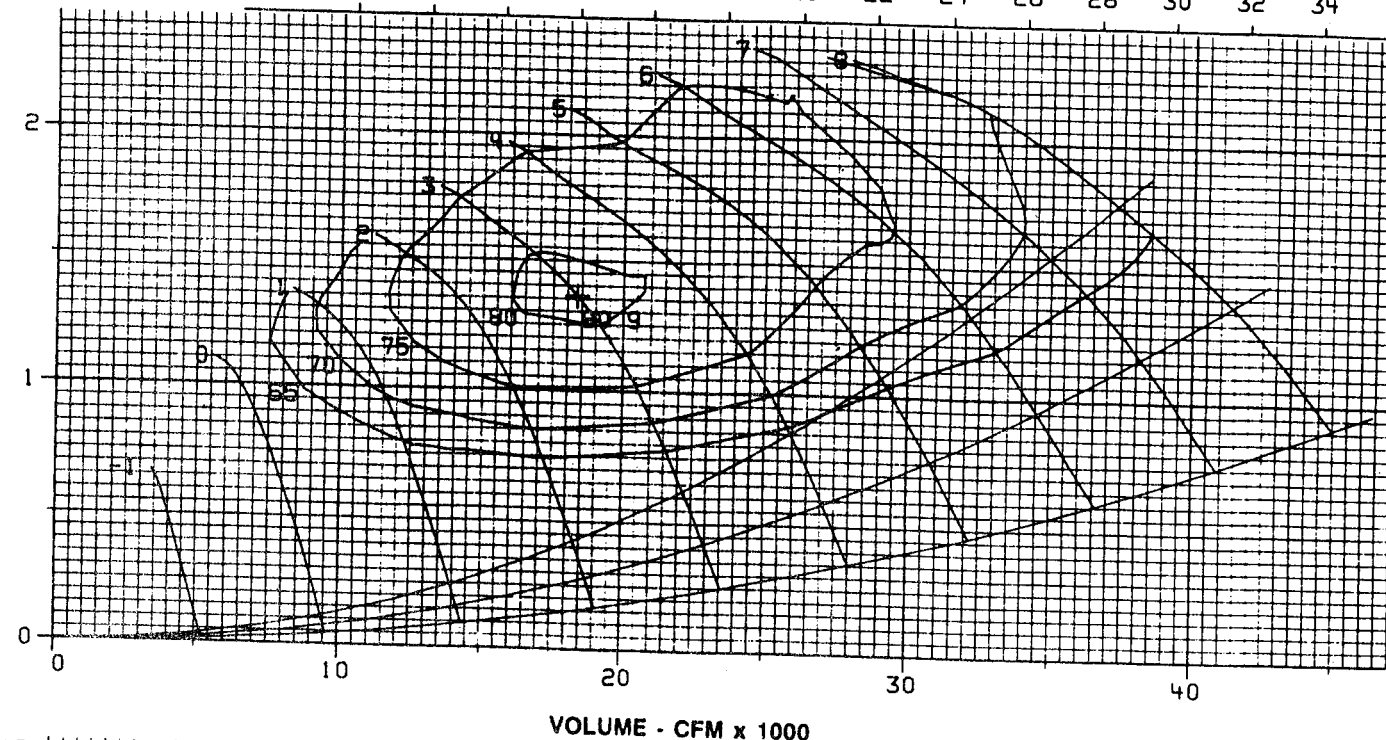
EFFECTIVE: SEPTEMBER 2019

SIZE #025-812- 890 RPM 890

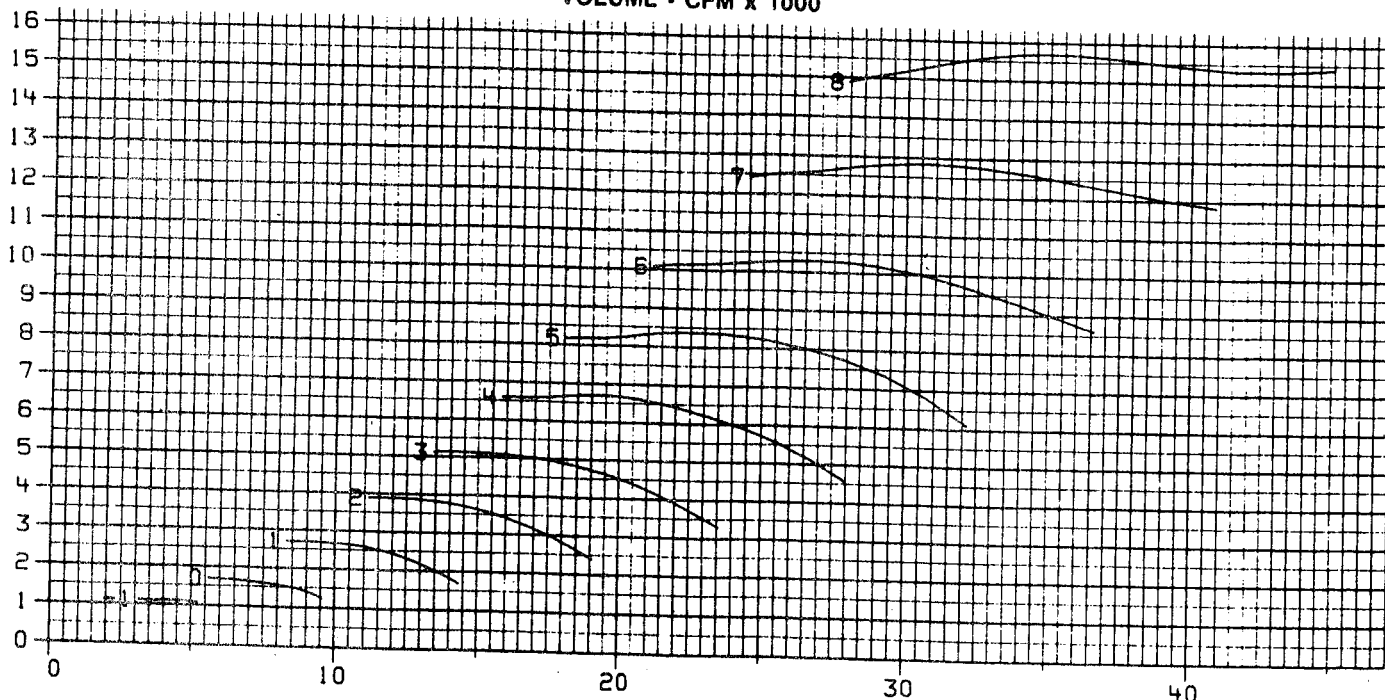
MOTOR HP	MIN.	A/4 MAX.
	3	40

FAN OV, FPM/100 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52
CONE OV, FPM/100 8 10 12 14 16 18 20 22 24 26 28 30 32 34

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



HORSEPOWER



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Performance shown is for vaneaxial fans...

FAN MODEL: 4025-B12-890

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA	
Octave Band:	1	2	3	4	5	6	7	8			
Center Frequency:	63	125	250	500	1000	2000	4000	8000			
TP/VP											
HIGH High point is read at peak of curve at maximum total pressure										-2	
	84	88	91	90	86	80	72	64	-1	80	
	84	88	90	90	86	80	72	64	0	79	
	85	89	92	90	87	81	73	65	1	80	
	87	90	93	90	88	82	75	66	2	81	
	86	88	92	89	86	81	74	70	3	80	
	85	87	92	89	84	79	73	70	4	79	
	86	88	93	92	87	81	74	69	5	81	
	87	89	94	94	89	82	75	72	6	83	
89	91	96	97	92	84	77	74	7	86		
94	91	98	102	98	91	82	79	8	91		
MEDIUM Medium point is read at average TP/VP of low and high points									-2		
	83	86	89	89	87	81	72	64	-1	79	
	82	85	88	89	87	81	73	64	0	79	
	83	85	88	88	86	81	74	65	1	79	
	84	86	89	87	85	81	74	66	2	78	
	84	86	90	87	85	80	74	66	3	78	
	85	87	91	88	84	80	74	67	4	78	
	86	88	92	90	86	81	74	69	5	80	
	87	89	93	93	89	82	75	71	6	82	
89	91	96	96	92	85	78	74	7	85		
95	92	98	103	98	92	83	79	8	91		
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2		
	84	88	91	90	88	83	75	65	-1	80	
	82	86	88	88	88	84	76	66	0	80	
	83	85	88	87	86	83	76	66	1	79	
	84	85	88	87	85	81	75	66	2	78	
	85	87	89	87	85	81	75	67	3	78	
	87	88	90	88	85	81	75	67	4	79	
	87	89	91	89	86	82	76	69	5	80	
	88	89	92	90	88	83	76	71	6	81	
90	92	95	94	91	85	78	74	7	84		
95	94	100	99	97	92	83	79	8	90		

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

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VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 4025-B12-1160

RPM 1160

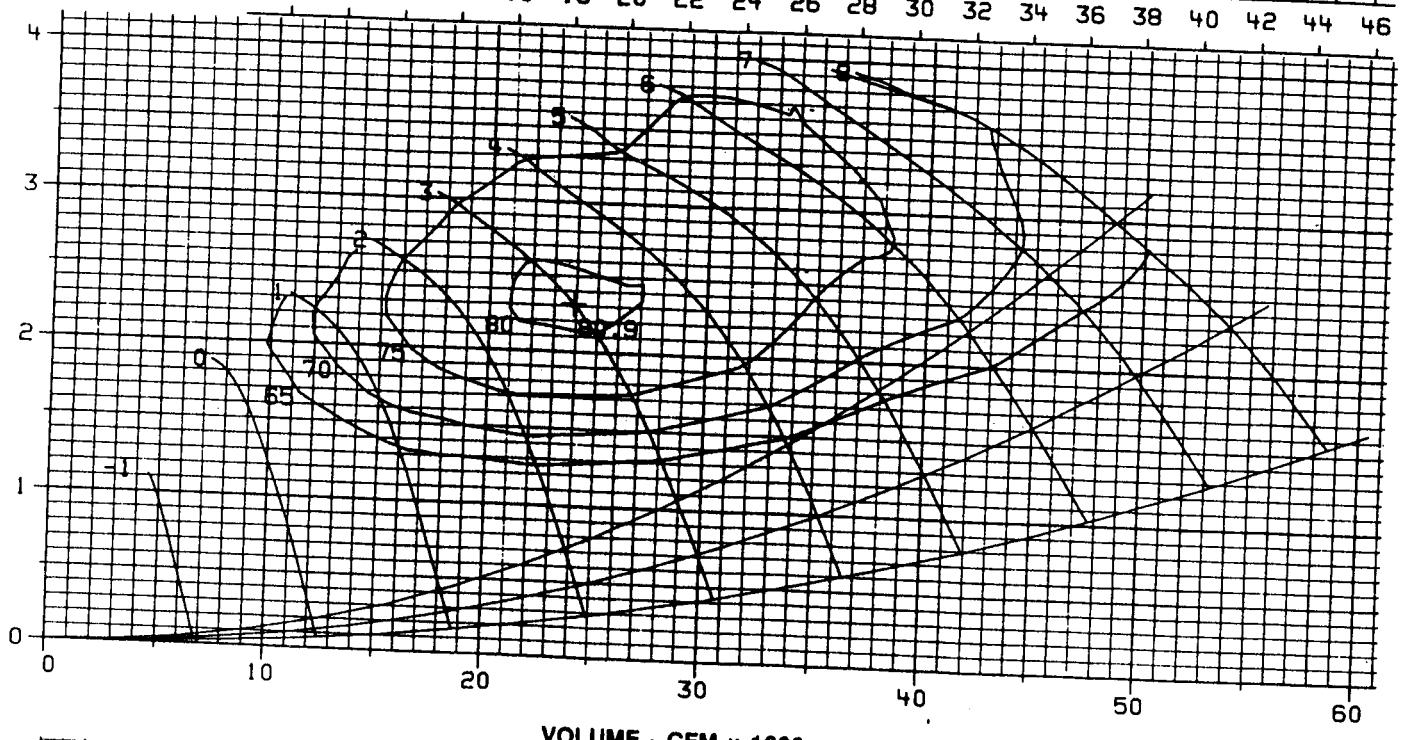
MOTOR HP	MIN.	A/4 MAX.
	5	50

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EFFECTIVE: SEPTEMBER 2019

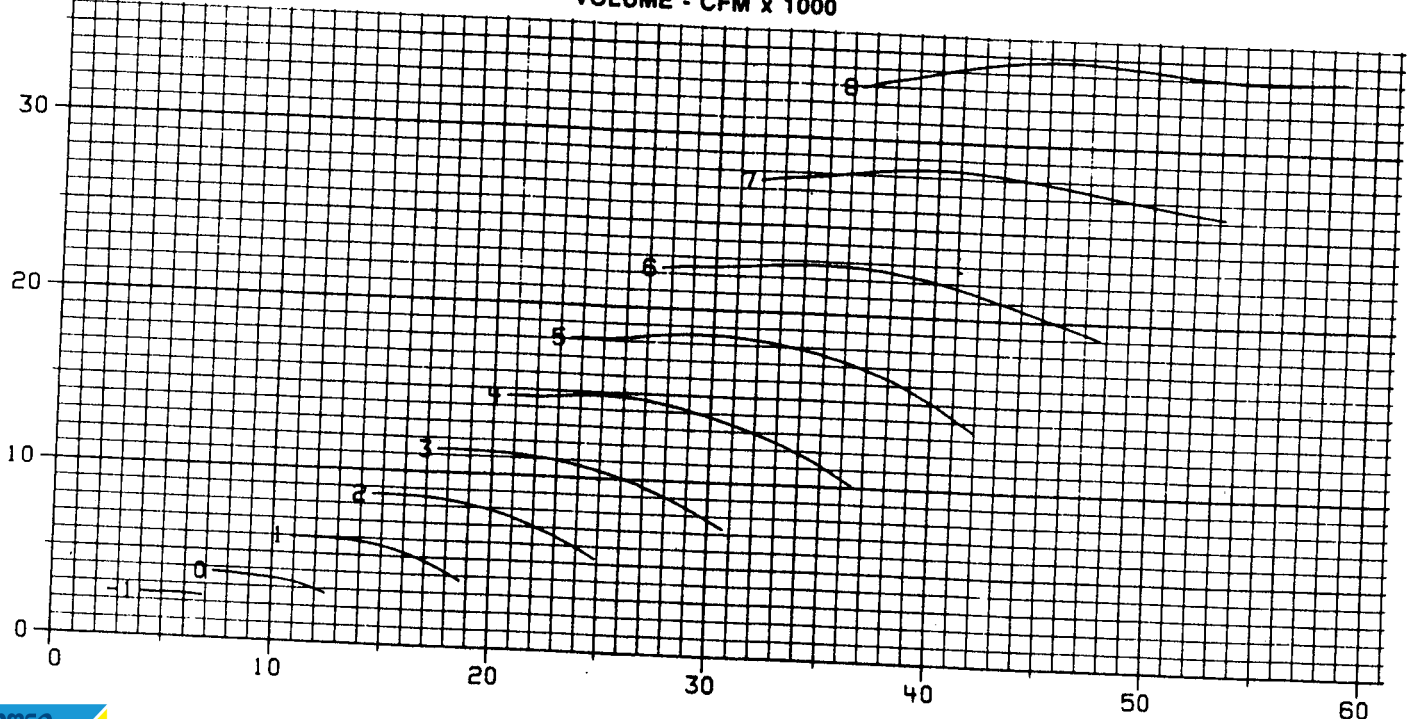
FAN OV, FPM/100 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68
 CONE OV, FPM/100 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



VOLUME - CFM x 1000

HORSEPOWER



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Performance shown is for vaneaxial fans with inlet ball and outlet duct

FAN MODEL: 4025-B12-1160

LW - Sound Power Level										Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8			
Center Frequency:	63	125	250	500	1000	2000	4000	8000			
TP/VP											
HIGH High point is read at peak of curve at maximum total pressure										-2	
	90	93	96	97	94	89	81	73	-1	87	
	90	93	95	97	94	88	81	73	0	87	
	92	92	98	96	95	90	82	74	1	87	
	94	92	101	96	95	91	83	75	2	88	
	93	91	100	96	93	89	83	75	3	87	
	92	91	98	96	92	87	82	75	4	86	
	93	92	98	99	95	89	82	77	5	88	
	94	93	99	101	98	90	82	79	6	91	
	97	94	101	104	100	93	85	81	7	93	
									8	96	
MEDIUM Medium point is read at average TP/VP of low and high points									-2		
	89	91	95	95	94	90	81	73	-1	86	
	88	90	93	94	94	90	82	73	0	86	
	90	89	94	93	93	89	83	74	1	86	
	92	89	96	92	93	88	83	75	2	85	
	92	90	97	94	92	88	83	75	3	85	
	92	90	98	95	91	88	82	75	4	85	
	93	92	98	97	94	89	82	77	5	87	
	95	93	98	99	97	91	82	78	6	89	
	97	94	101	103	100	93	85	81	7	93	
									8	96	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2		
	90	93	97	96	95	92	84	75	-1	87	
	88	90	94	94	94	92	85	76	0	87	
	90	90	94	93	93	90	85	76	1	86	
	92	90	94	93	92	89	85	75	2	85	
	93	91	96	93	92	89	84	76	3	85	
	94	92	97	94	92	89	84	76	4	86	
	95	93	97	95	94	90	84	77	5	87	
	96	94	98	96	95	91	84	79	6	88	
	98	96	101	100	98	93	86	81	7	91	
									8	94	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



SIZE 4025-81R-1760

RPM 1760

1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

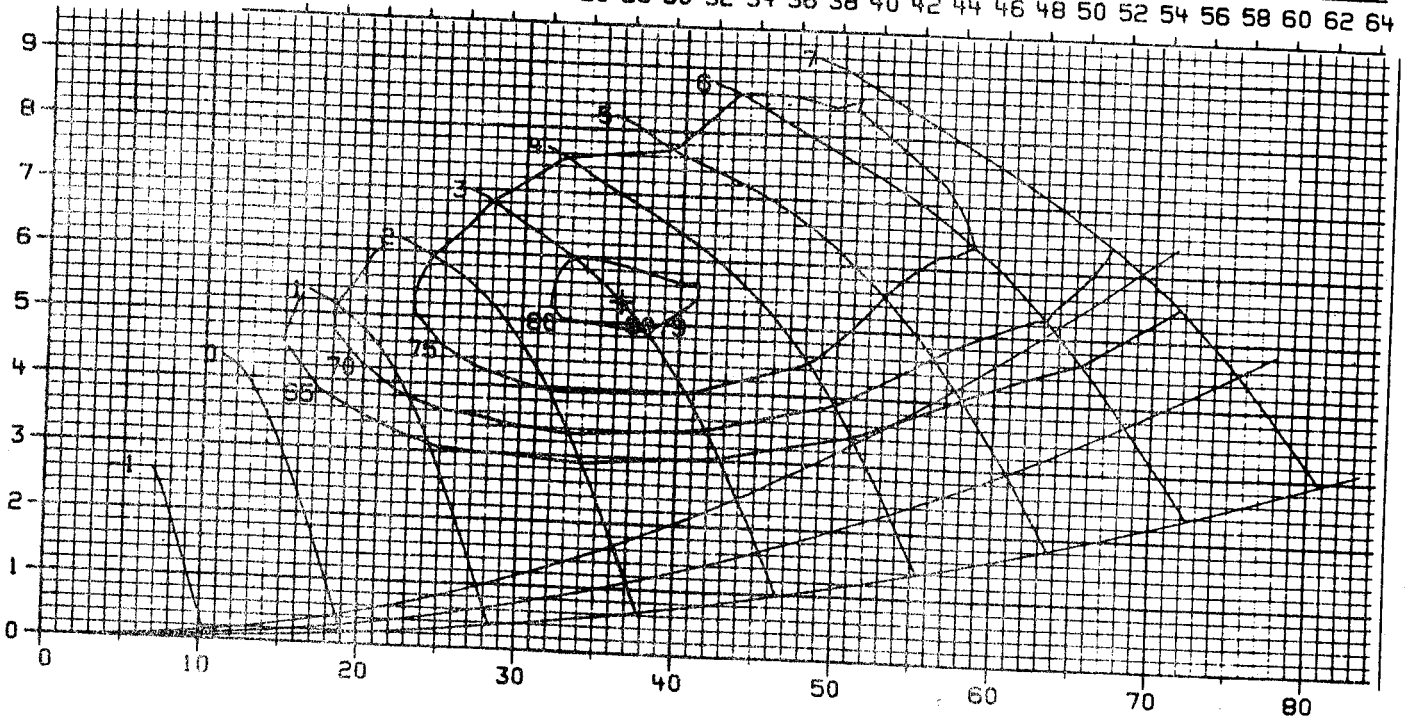
MOTOR HP	MIN.	A/4 MAX.
	15	75

PAGE 47

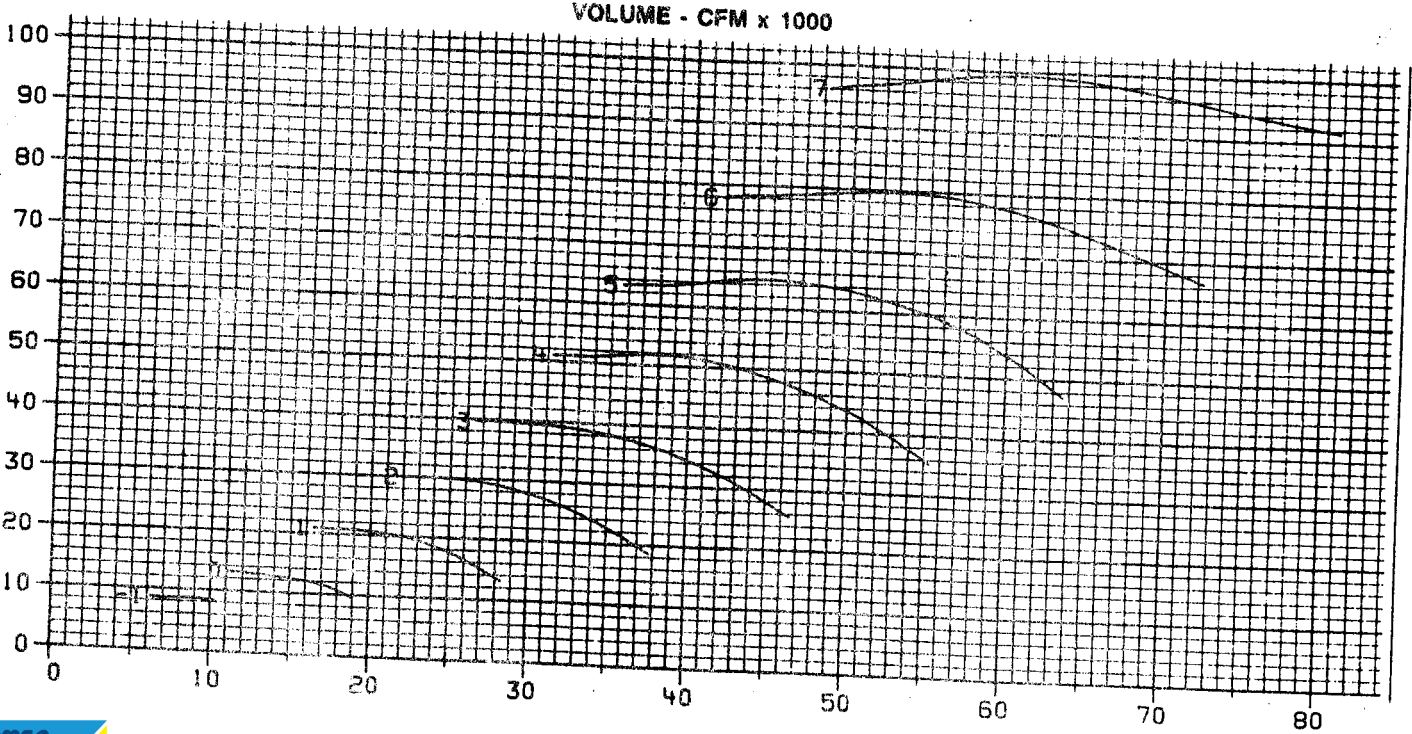
EFFECTIVE: SEPTEMBER 2019

FAN OV, FPM/100 20 24 28 32 36 40 44 48 52 56 60 64 68 72 76 80 84 88 92
 CONE OV, FPM/100 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



HORSEPOWER



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.



1875 GLEN ELLYN ROAD
 GLENDALE HEIGHTS, ILLINOIS 60138
 Phone 708-358-2400

EFFECTIVE: SEPTEMBER 2019

PAGE 47S

FAN MODEL: 4025-B12-1760

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA	
Octave Band:	1	2	3	4	5	6	7	8			
Center Frequency:	63	125	250	500	1000	2000	4000	8000			
TP/VP											
HIGH High point is read at peak of curve at maximum total pressure										-2	
	97	102	104	105	105	101	95	87		-1	97
	97	102	103	105	105	101	95	87		0	97
	99	103	104	106	105	102	96	88		1	97
	102	104	105	108	105	103	97	89		2	98
	101	103	104	107	104	101	95	89		3	97
	99	103	103	106	103	99	94	88		4	96
	100	104	104	108	106	101	95	89		5	98
	101	105	105	109	109	103	96	90		6	101
104	107	107	111	112	106	99	92		7	103	
									8		
MEDIUM Medium point is read at average TP/VP of low and high points										-2	
	96	101	102	104	104	102	96	87		-1	96
	96	100	101	103	103	102	96	88		0	96
	97	101	101	103	102	101	96	88		1	96
	99	102	102	104	102	100	95	89		2	95
	99	102	102	105	102	99	95	89		3	95
	99	102	103	106	102	99	94	88		4	96
	101	104	104	107	105	101	95	89		5	98
	102	105	105	108	107	103	96	90		6	99
104	107	107	111	111	106	96	93		7	103	
									8		
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area										-2	
	98	102	103	106	104	103	98	89		-1	98
	95	99	101	103	103	103	99	91		0	97
	97	101	101	103	102	101	97	90		1	96
	99	102	101	103	101	99	96	90		2	95
	100	103	102	104	102	100	96	90		3	95
	101	104	103	105	102	100	96	90		4	96
	102	105	103	106	104	101	97	90		5	97
	103	106	105	106	105	103	97	91		6	98
105	108	108	110	108	106	100	93		7	101	
									8		

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct and correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4

CHICAGO BLOWER CORPORATION

SIZE 4025-LB12-1760

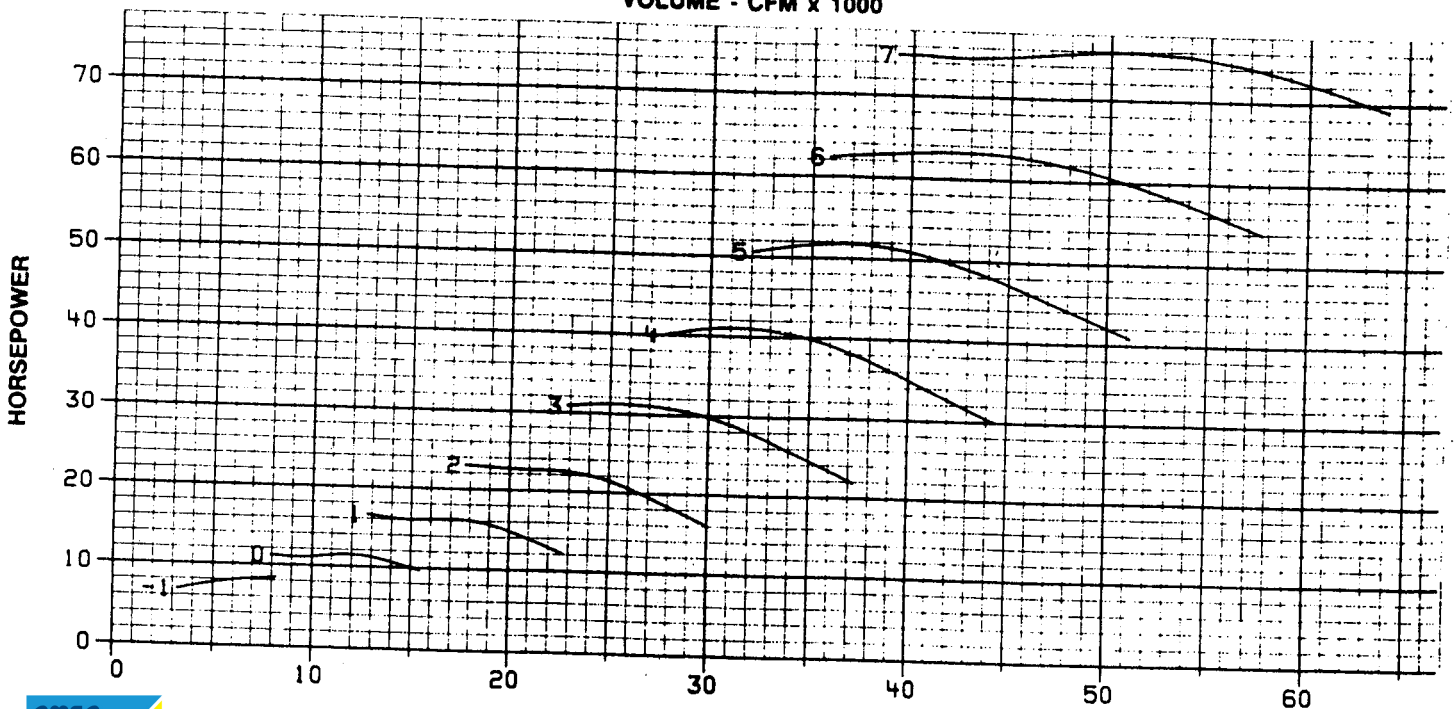
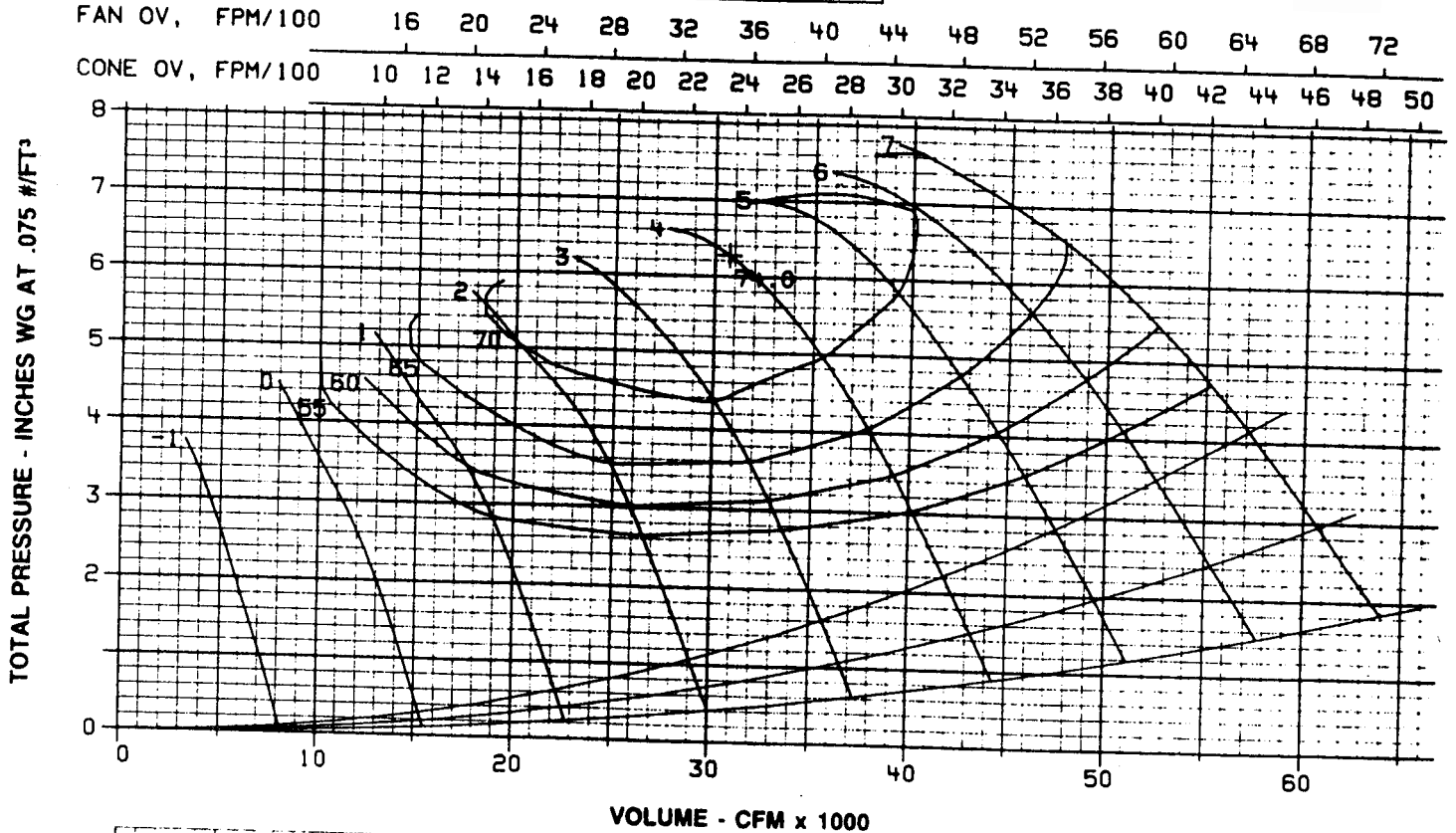
RPM 1760

1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

MOTOR HP	MIN.	A/4 MAX.
	15	75

PAGE 47A

EFFECTIVE: SEPTEMBER 2019



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct

FAN MODEL: 4025-LB12-1760

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	94	97	99	102	103	102	98	90	-1	96
	95	99	99	103	103	102	98	90	0	96
	97	100	100	104	103	102	98	91	1	97
	99	101	101	105	103	102	98	91	2	97
	101	103	102	105	104	102	98	92	3	97
	102	104	103	106	104	102	98	93	4	98
	105	106	105	109	107	104	99	93	5	100
	107	109	108	111	110	106	100	94	6	102
109	111	110	114	113	107	100	95	7	105	
								8		
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	94	97	99	99	103	102	98	90	-1	96
	95	98	99	99	103	102	98	90	0	96
	97	100	100	100	103	101	98	91	1	96
	99	101	100	100	103	101	98	91	2	96
	100	102	101	101	102	101	98	92	3	96
	102	103	102	102	102	101	98	93	4	96
	105	106	104	104	106	103	99	93	5	99
	107	109	107	107	109	105	99	94	6	102
110	112	110	110	112	107	100	95	7	104	
								8		
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	95	99	102	106	105	103	99	91	-1	98
	97	100	102	105	104	103	99	91	0	98
	99	101	102	105	104	102	99	92	1	97
	100	103	102	104	103	102	99	93	2	97
	102	104	102	104	102	101	99	93	3	96
	104	105	102	104	102	100	99	94	4	96
	106	107	104	107	104	102	100	94	5	98
	108	110	107	110	107	104	100	95	6	100
110	112	110	113	110	106	100	95	7	103	
								8		

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4

SIZE 4450-B12- 890

RPM 890

CHICAGO BLOWER CORPORATION

1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

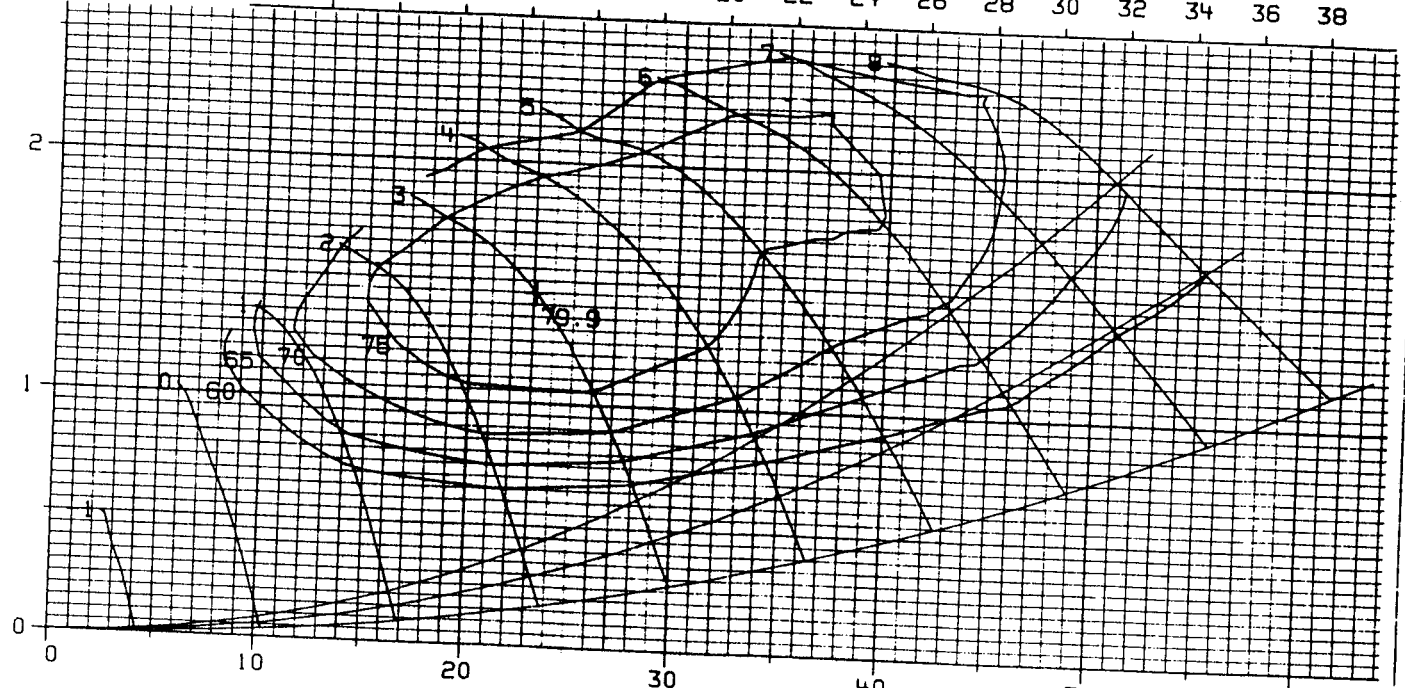
PAGE 48

EFFECTIVE: SEPTEMBER 2019

MOTOR HP	MIN.	A/4 MAX.
	3	40

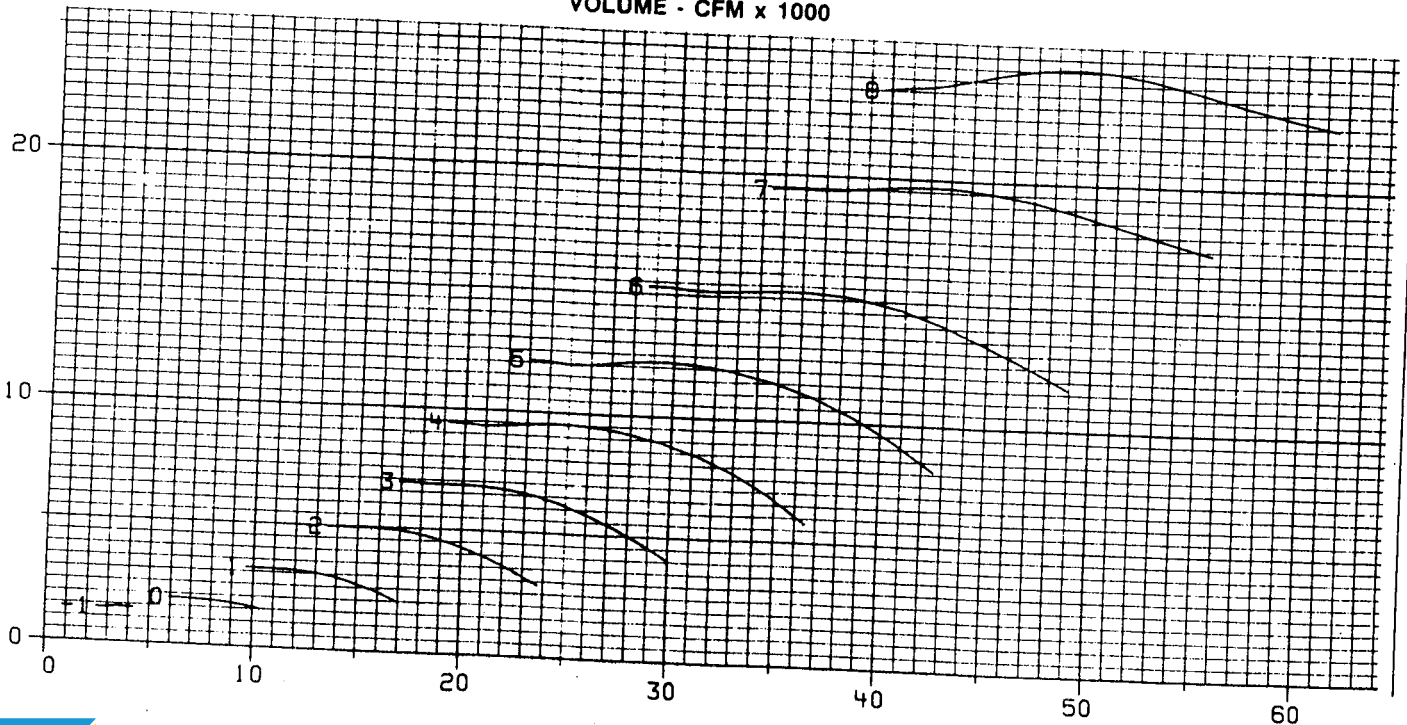
FAN OV, FPM/100 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58
 CONE OV, FPM/100 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



VOLUME - CFM x 1000

HORSEPOWER



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct

FAN MODEL: 4450-B12-890

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	84	90	94	92	89	84	76	67	-1	82
	84	89	92	91	88	84	76	67	0	81
	86	90	93	92	90	85	77	68	1	82
	88	90	94	92	91	85	78	69	2	84
	87	90	94	92	89	84	78	70	3	82
	87	89	94	91	88	83	77	70	4	81
	88	91	96	94	90	84	78	73	5	84
	90	92	97	97	90	85	79	75	6	86
93	95	100	100	95	87	81	77	7	88	
99	96	103	105	100	93	85	82	8	94	
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	84	89	93	92	90	84	78	68	-1	82
	82	87	91	90	89	85	77	68	0	81
	84	87	91	90	89	85	78	68	1	81
	86	87	91	90	89	85	78	69	2	81
	86	88	92	90	89	84	78	70	3	81
	86	89	94	93	90	83	78	71	4	81
	89	90	95	93	90	84	78	72	5	83
	91	92	96	96	92	85	78	74	6	85
94	95	99	99	95	88	81	77	7	89	
100	98	104	106	102	95	87	83	8	95	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	85	91	94	92	90	86	78	69	-1	83
	83	89	92	90	90	87	79	69	0	83
	84	88	91	89	89	86	79	69	1	81
	86	87	90	88	87	85	79	70	2	80
	87	89	91	89	87	84	79	70	3	81
	89	91	93	90	87	84	79	71	4	81
	91	92	94	92	90	85	79	73	5	83
	92	93	95	94	92	86	79	74	6	84
95	96	99	97	95	89	82	77	7	88	
100	100	105	103	101	96	87	83	8	94	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for Inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to 20002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN
ADJUSTABLE PITCH
CONTROLLABLE PITCH

ARRANGEMENT
4



SIZE 4450-812-1160

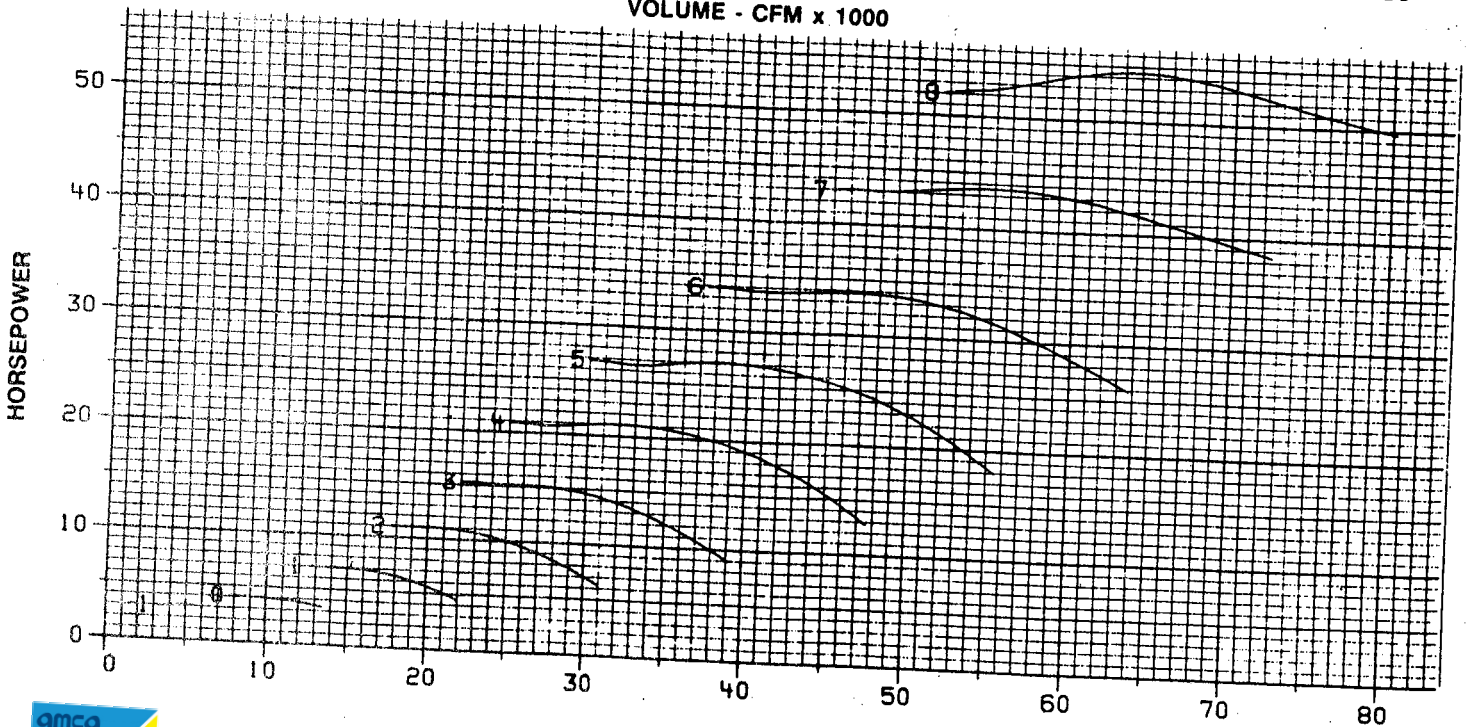
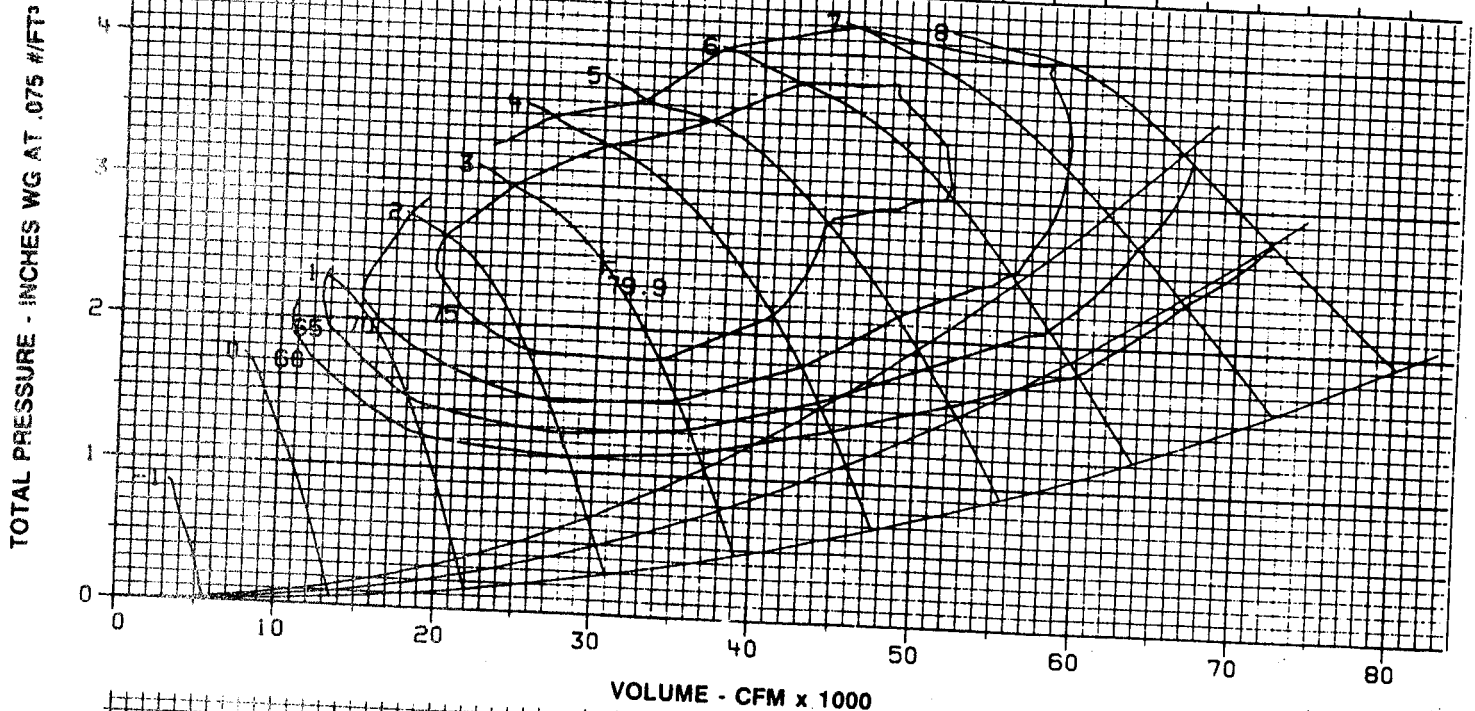
RPM 1160

1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600
PAGE 49

MOTOR HP	MIN.	A/4 MAX.
	7½	50

EFFECTIVE: SEPTEMBER 2019

FAN OV, FPM/100 16 20 24 28 32 36 40 44 48 52 56 60 64 68 72 76
 CONE OV, FPM/100 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.



1675 GLEN ELLYN ROAD
 GLENDALE HEIGHTS, ILLINOIS 60139
 Phone 708-858-2600

FAN MODEL: 4450-B12-1160

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	90	94	100	98	97	92	85	76	-1	89
	89	93	98	97	95	92	86	76	0	88
	93	93	100	97	97	93	86	77	1	89
	96	93	101	98	99	94	87	78	2	91
	95	93	101	98	97	92	86	79	3	90
	94	92	100	98	95	91	85	79	4	89
	96	94	101	101	98	92	86	80	5	91
	97	96	102	104	101	94	86	82	6	94
	101	98	105	107	103	96	88	84	7	96
104	101	107	109	105	98	90	86	8	98	
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	89	93	99	98	97	93	86	77	-1	89
	88	91	97	96	96	93	87	77	0	88
	91	91	97	95	96	93	87	78	1	88
	94	91	97	95	96	92	87	78	2	88
	94	91	99	96	96	92	87	79	3	88
	94	92	101	97	95	91	86	79	4	88
	96	94	101	100	98	93	86	80	5	90
	96	96	101	102	100	94	86	81	6	92
	102	100	105	106	103	97	89	84	7	96
105	103	108	110	106	100	92	87	8	99	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	90	95	100	98	97	94	88	78	-1	90
	89	92	99	96	96	95	89	79	0	89
	91	92	98	95	95	93	89	79	1	88
	94	91	96	94	94	91	89	79	2	87
	95	93	98	95	94	91	88	79	3	87
	97	95	100	96	94	91	87	80	4	88
	98	96	100	98	97	93	87	81	5	90
	100	98	101	99	99	95	87	82	6	91
	103	101	105	104	103	97	89	85	7	95
105	105	110	108	106	100	92	88	8	98	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4

CHICAGO BLOWER CORPORATION

1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

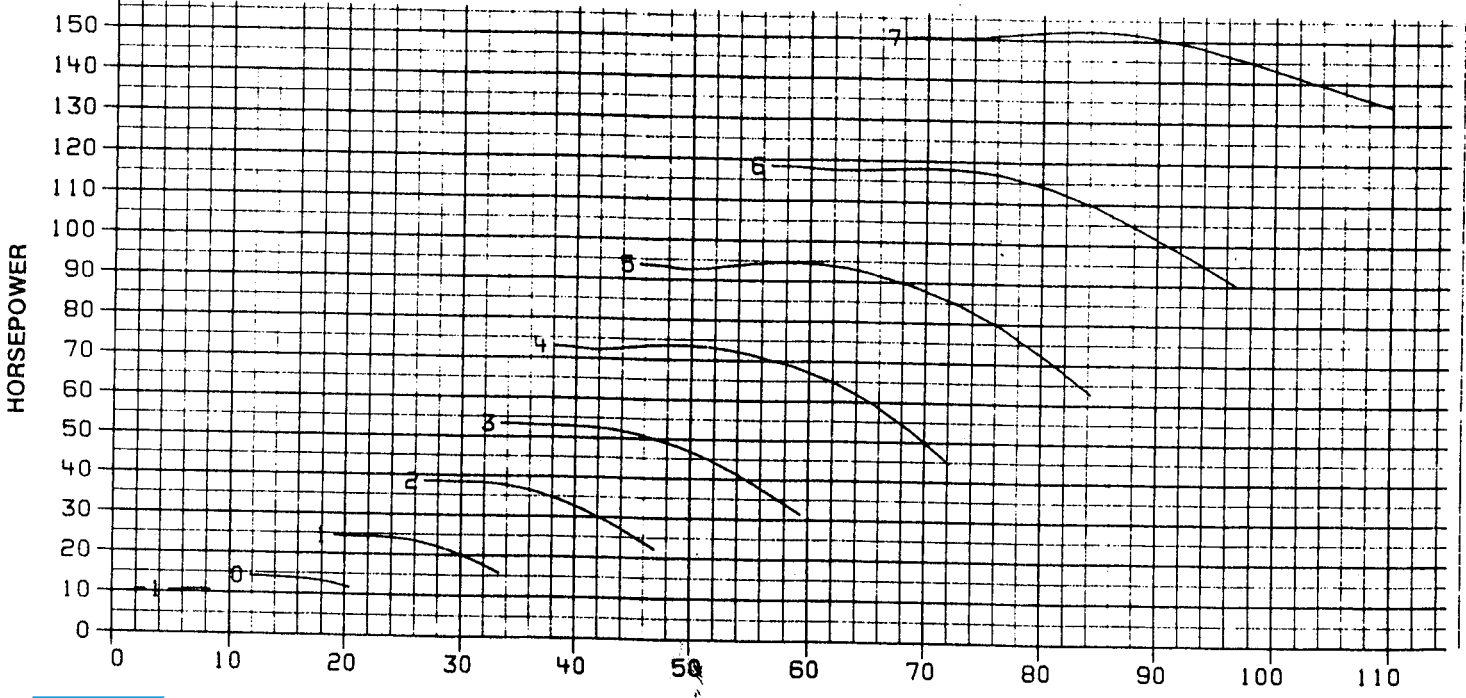
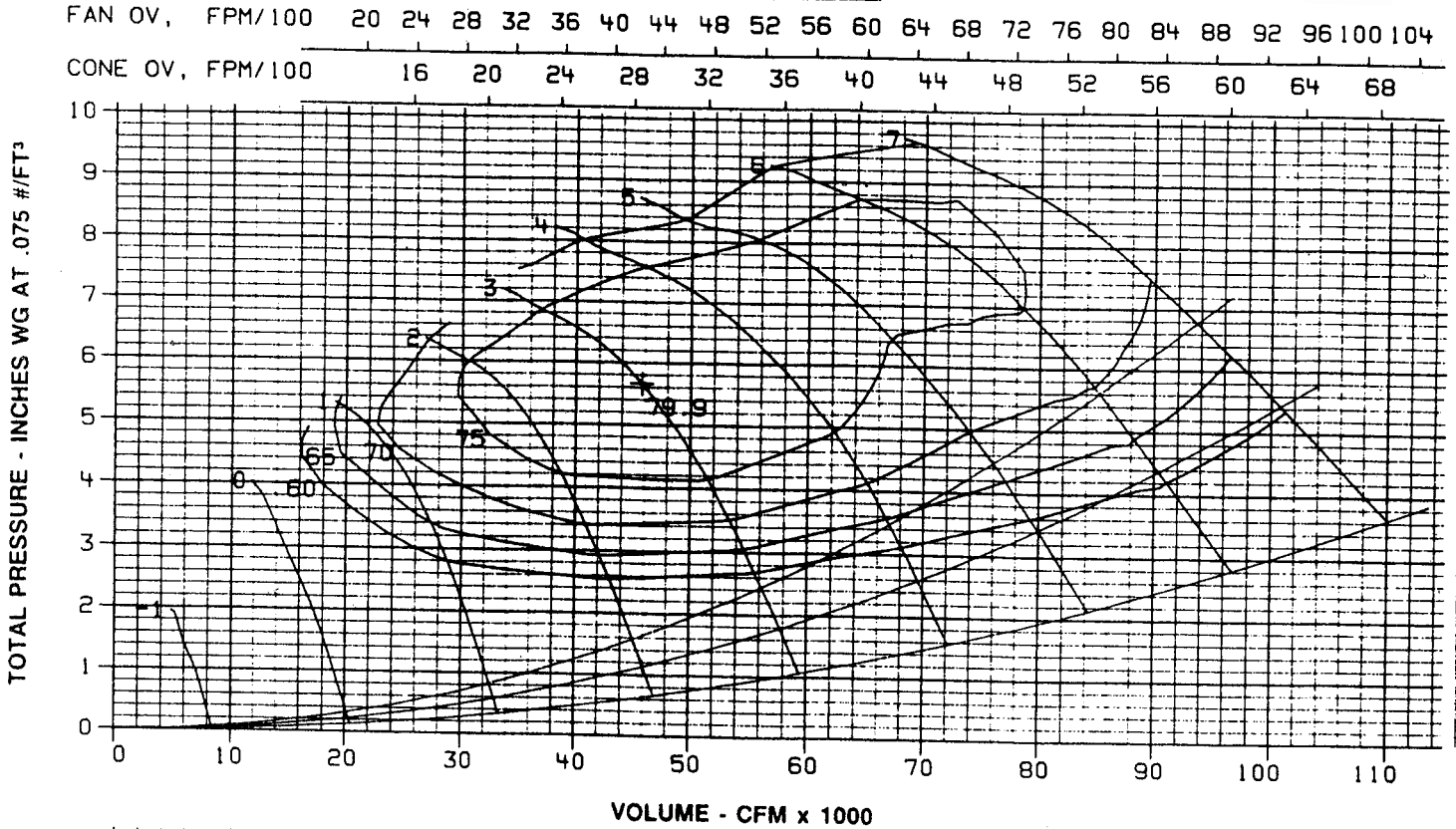
SIZE 4450-B12-1760

RPM 1760

MOTOR HP	MIN.	A/4 MAX.
		20

PAGE 50

EFFECTIVE: SEPTEMBER 2019



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 4450-B12-1760

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	97	102	106	108	107	104	98	91	-1	100
	96	102	105	107	106	103	98	91	0	98
	100	104	105	108	106	104	99	92	1	100
	103	106	106	109	107	106	100	93	2	101
	102	105	106	109	107	104	99	92	3	100
	101	104	105	109	106	102	98	92	4	98
	103	106	107	110	109	105	99	93	5	101
	105	108	108	112	112	107	100	93	6	104
	108	111	111	115	114	109	102	95	7	106
								8		
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	97	102	105	107	106	104	99	91	-1	99
	96	100	103	105	105	104	99	92	0	98
	98	102	103	105	105	104	99	92	1	98
	101	104	103	105	104	104	99	93	2	98
	101	104	104	107	105	103	99	92	3	98
	101	104	105	108	105	102	98	92	4	99
	104	106	106	109	108	105	99	93	5	101
	106	109	108	111	110	107	100	93	6	103
	109	112	111	114	114	110	103	96	7	106
								8		
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	98	103	107	109	107	105	101	93	-1	100
	96	101	105	107	105	105	102	94	0	99
	98	102	104	106	104	103	100	94	1	98
	101	104	103	104	103	102	99	94	2	97
	103	105	105	106	104	102	99	94	3	98
	104	107	106	108	105	102	99	93	4	98
	106	109	107	108	107	104	100	94	5	100
	107	110	108	109	108	107	101	94	6	102
	110	113	112	114	112	110	103	97	7	105
								8		

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



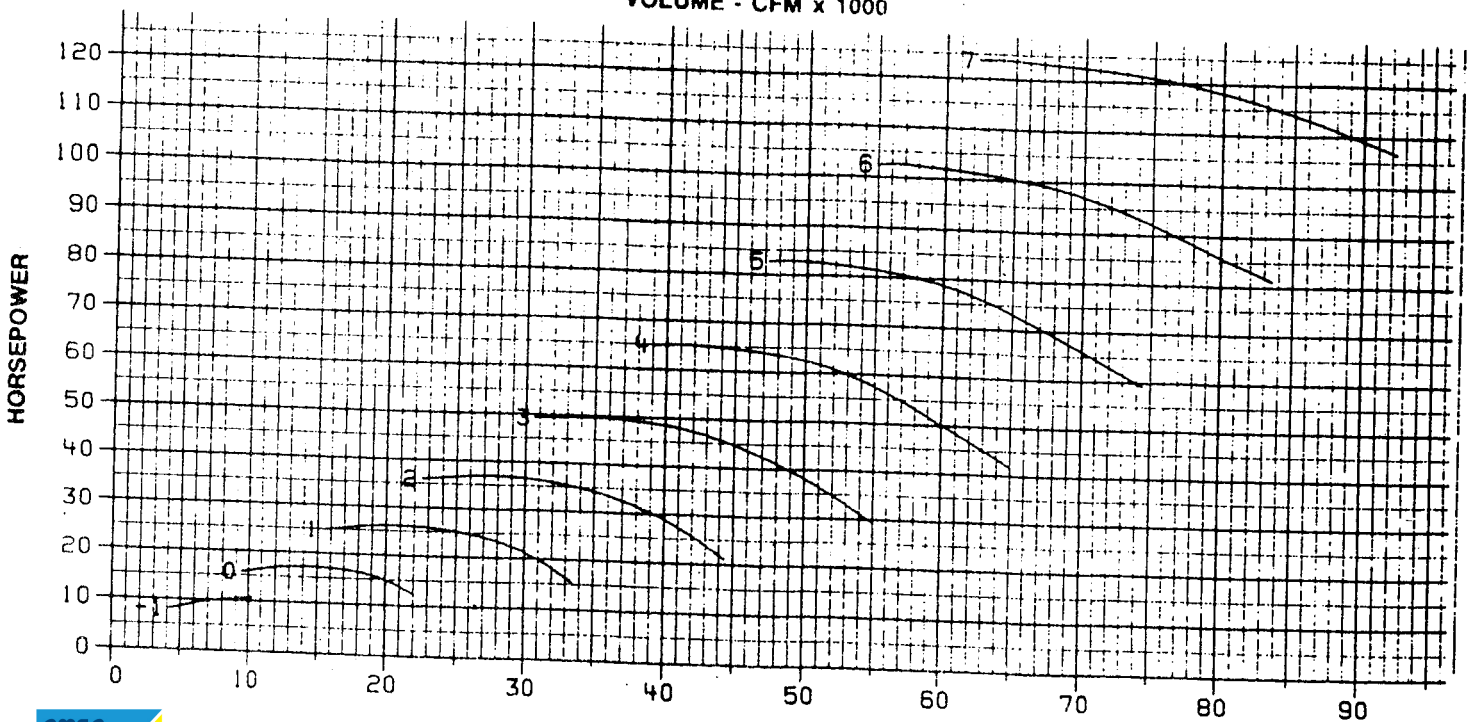
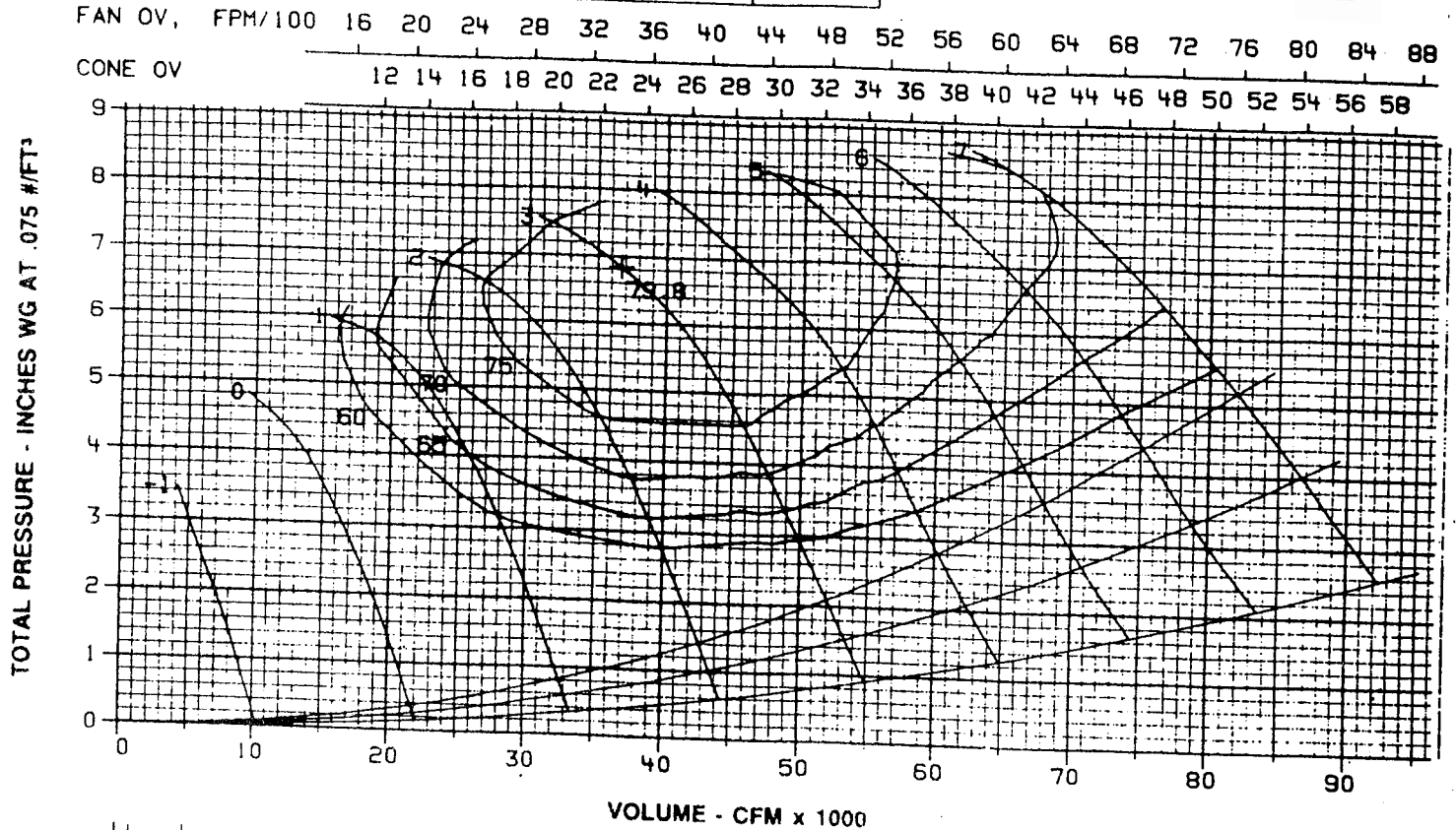
SIZE 4450-LB12-1760

RPM 1760

1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600
PAGE 50A

MOTOR HP	MIN.	A/4 MAX.
	20	125

EFFECTIVE: SEPTEMBER 2019



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for standard conditions.

FAN MODEL: 4450-LB12-1760

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	95	100	103	106	104	103	99	91	-1	97
	97	101	104	106	103	102	98	92	0	97
	98	102	104	106	103	102	98	92	1	97
	99	103	105	107	103	101	98	92	2	97
	100	104	105	107	103	101	97	92	3	97
	101	104	106	108	103	100	97	92	4	97
	104	107	108	110	106	103	98	93	5	100
	107	106	112	112	109	105	99	94	6	102
110	108	113	111	112	108	100	95	7	104	
								8		
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	96	100	103	106	104	103	99	92	-1	98
	97	101	103	106	104	103	99	92	0	98
	98	102	104	106	104	102	98	92	1	97
	99	103	104	106	103	102	98	92	2	97
	100	103	105	107	103	101	98	92	3	97
	102	104	105	107	103	100	98	92	4	97
	105	107	107	109	106	103	99	93	5	99
	108	104	111	111	109	106	100	94	6	102
111	106	112	110	112	109	101	94	7	104	
								8		
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	95	100	103	107	107	105	101	93	-1	100
	97	101	104	107	106	105	101	93	0	99
	98	102	104	107	105	104	101	94	1	99
	100	103	104	107	105	103	101	94	2	99
	101	104	105	107	104	103	101	95	3	98
	103	106	105	107	103	102	101	95	4	98
	106	108	108	109	106	104	101	95	5	100
	109	105	111	111	109	106	102	96	6	102
111	107	113	109	111	107	102	96	7	103	
								8		

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lw sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT

4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

PAGE 51

EFFECTIVE: SEPTEMBER 2019

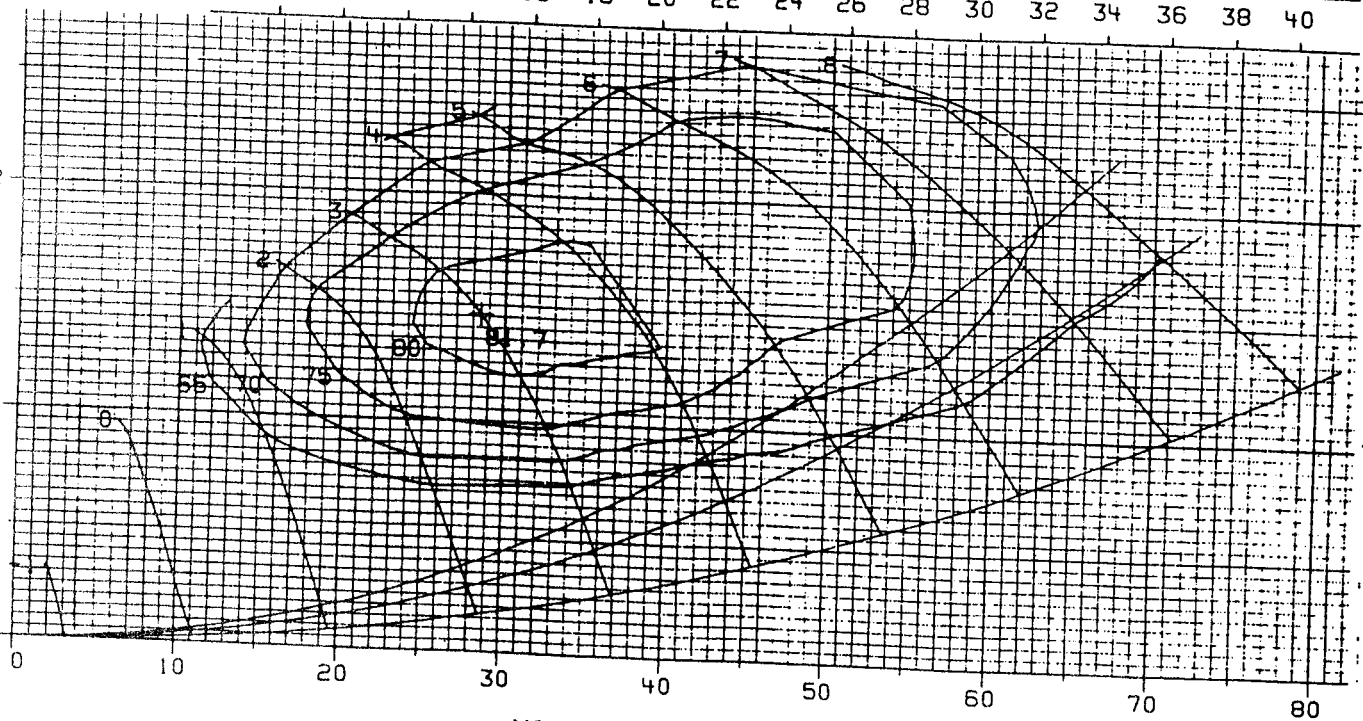
SIZE 4900-B12- 890

RPM 890

MOTOR HP	MIN.	A/4 MAX.
	5	40

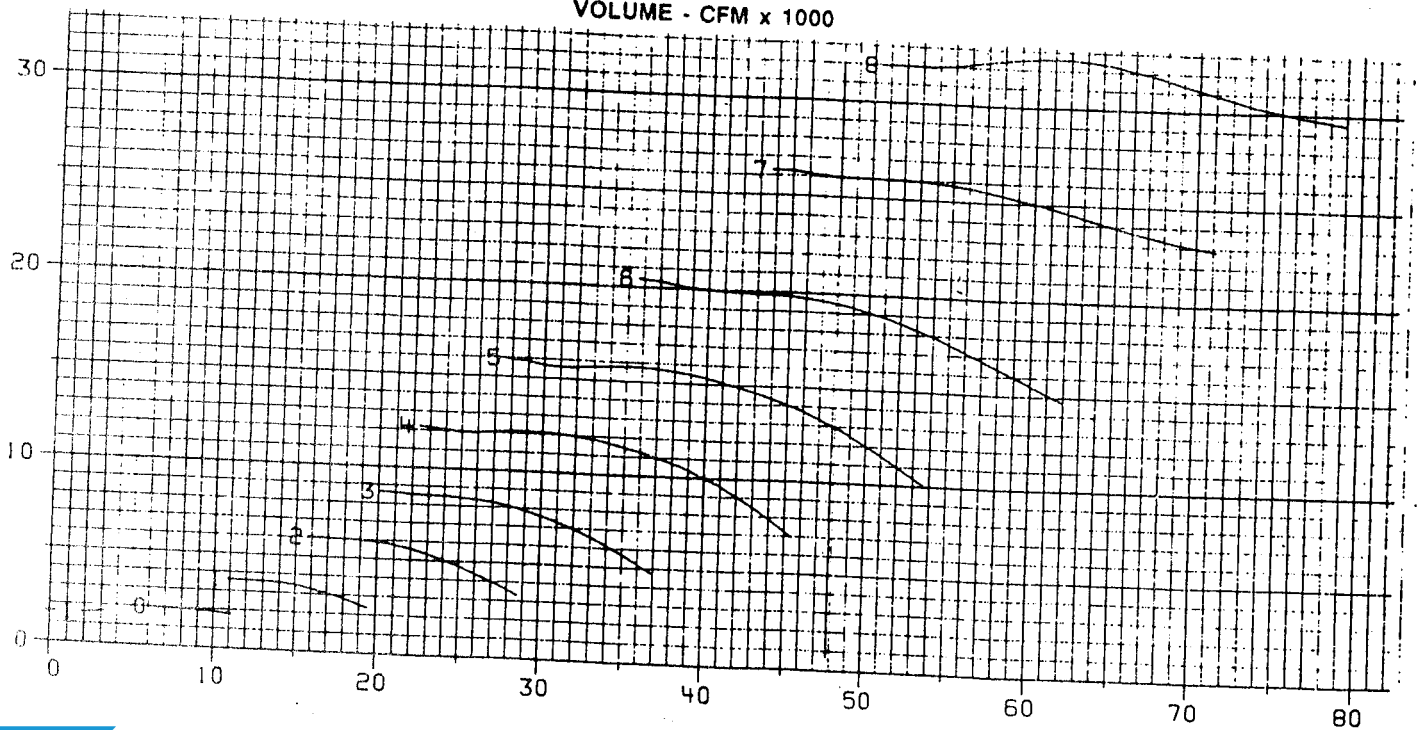
FAN OV, FPM/100 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62
 CONE OV, FPM/100 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



VOLUME - CFM x 1000

HORSEPOWER



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.



1675 GLEN ELLYN ROAD
 GLENDALE HEIGHTS, ILLINOIS 60139
 Phone 708-858-2600

EFFECTIVE: SEPTEMBER 2019

PAGE 51S

FAN MODEL: 4900-B12-890

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA	
Octave Band:	1	2	3	4	5	6	7	8			
Center Frequency:	63	125	250	500	1000	2000	4000	8000			
TP/VP											
HIGH High point is read at peak of curve at maximum total pressure										-2	
	86	92	97	94	92	87	80	71		-1	85
	84	90	94	92	90	87	81	71		0	83
	87	90	94	93	92	88	81	71		1	85
	90	91	95	95	94	89	81	72		2	86
	90	91	96	94	93	88	81	73		3	85
	89	91	96	93	91	87	81	74		4	84
	92	93	98	97	94	88	81	76		5	87
	94	95	100	100	96	89	82	78		6	89
	98	98	103	102	98	90	84	80		7	91
105	101	107	107	103	96	88	85		8	96	
MEDIUM Medium point is read at average TP/VP of low and high points										-2	
	86	92	96	94	92	88	80	71		-1	85
	84	89	93	91	91	88	81	71		0	84
	86	89	93	92	92	88	81	72		1	84
	89	89	92	92	93	89	82	72		2	85
	89	90	94	93	92	88	82	73		3	84
	89	91	96	93	91	87	81	74		4	84
	92	93	97	96	93	88	81	76		5	86
	95	95	98	99	96	89	81	77		6	88
	100	100	103	102	99	92	85	80		7	92
107	105	109	108	105	99	91	86		8	98	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area										-2	
	87	93	97	94	93	89	82	72		-1	86
	86	92	96	92	92	90	82	72		0	85
	87	90	94	91	91	89	83	73		1	84
	88	88	91	90	89	88	83	74		2	83
	91	91	93	91	89	87	83	74		3	83
	93	93	95	92	90	87	82	74		4	84
	95	95	96	94	93	88	82	76		5	86
	97	96	97	97	96	89	82	77		6	88
	101	101	102	101	99	92	85	81		7	92
107	106	110	107	105	99	91	87		8	96	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

PAGE 53

EFFECTIVE: SEPTEMBER 2019

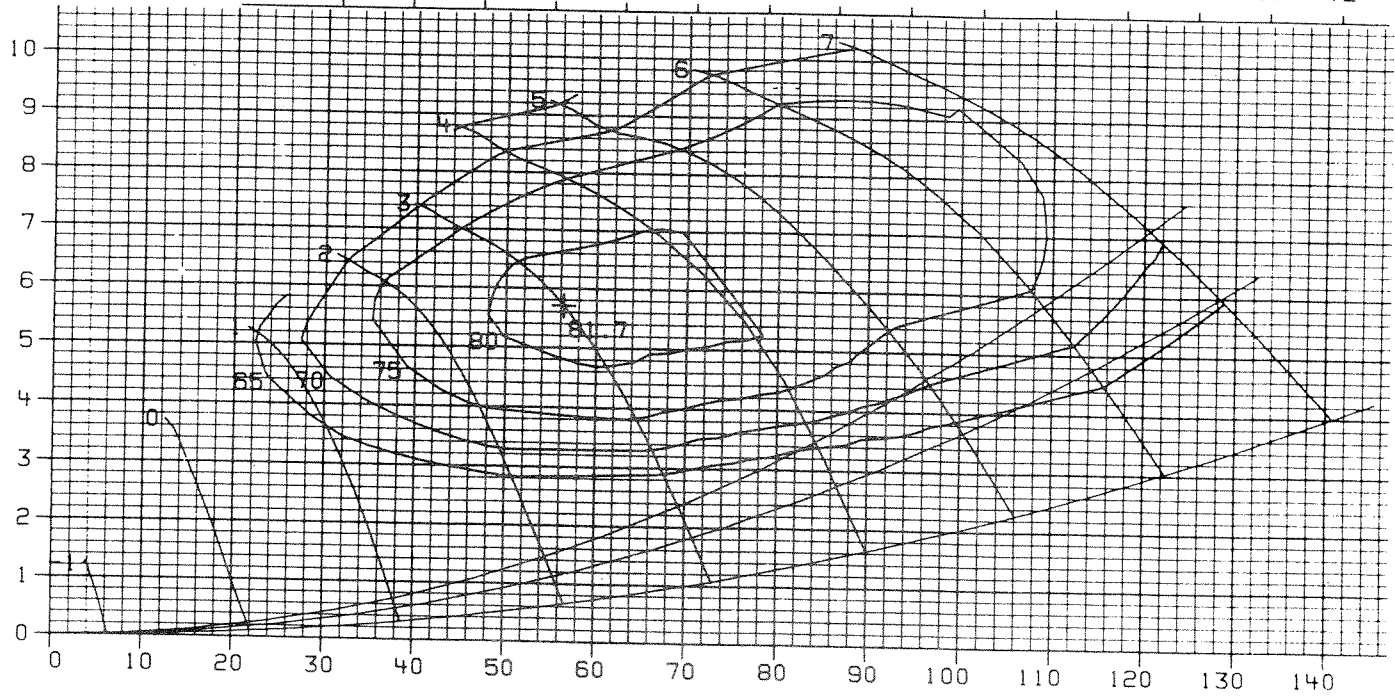
SIZE 4900-B12-1760

RPM 1760

MOTOR HP	MIN.	A/4 MAX.
	25	75

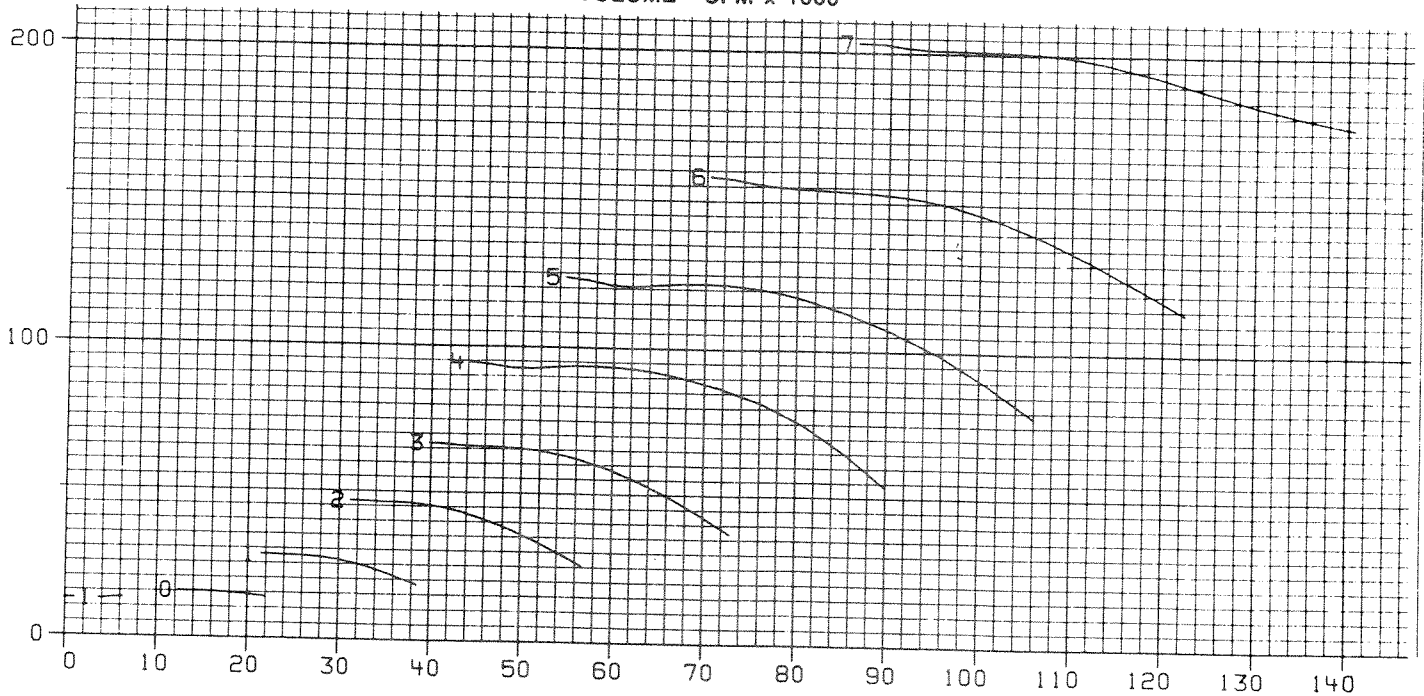
FAN OV, FPM/100 20 30 40 50 60 70 80 90 100 110
 CONE OV, FPM/100 16 20 24 28 32 36 40 44 48 52 56 60 64 68 72

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



VOLUME - CFM x 1000

HORSEPOWER



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 4900-B12-1160

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	90	96	104	100	99	95	89	80	-1	92
	89	93	101	98	97	95	90	80	0	90
	94	94	101	99	99	96	90	81	1	92
	99	94	101	99	102	97	90	81	2	93
	98	94	102	100	100	96	90	82	3	92
	97	94	103	100	98	94	89	82	4	91
	99	96	104	103	101	96	89	84	5	94
	102	98	105	106	105	98	89	85	6	97
	105	102	108	109	106	99	91	87	7	99
								8		
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	90	95	103	100	99	96	90	80	-1	92
	89	93	101	97	97	96	91	81	0	90
	93	93	99	97	98	96	91	81	1	91
	97	93	98	97	100	96	91	82	2	92
	97	93	101	98	99	95	90	82	3	91
	97	93	104	99	98	95	90	83	4	91
	100	96	104	102	101	96	89	83	5	93
	103	99	104	105	104	98	89	84	6	96
	107	104	108	109	107	101	92	88	7	99
								8		
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	92	96	104	100	100	97	91	81	-1	93
	90	95	104	98	98	97	92	81	0	92
	93	94	101	97	97	96	93	82	1	91
	96	93	98	96	95	94	93	83	2	89
	98	95	100	97	96	94	92	83	3	90
	101	97	103	98	97	94	91	83	4	91
	103	99	103	100	100	96	90	84	5	93
	105	101	104	102	103	98	90	85	6	95
	108	106	109	107	106	101	93	88	7	98
								8		

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV ADJUSTABLE PITCH VANEAXIAL FAN

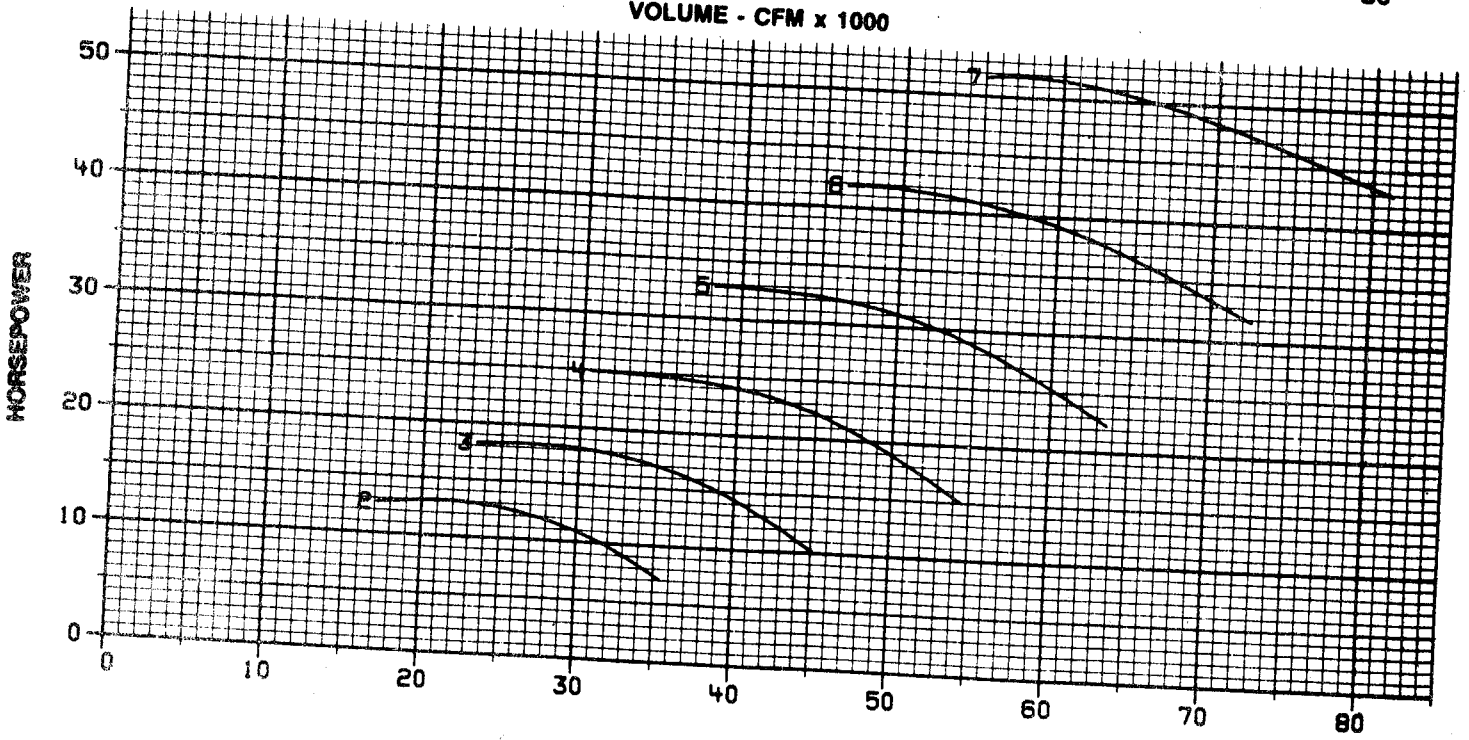
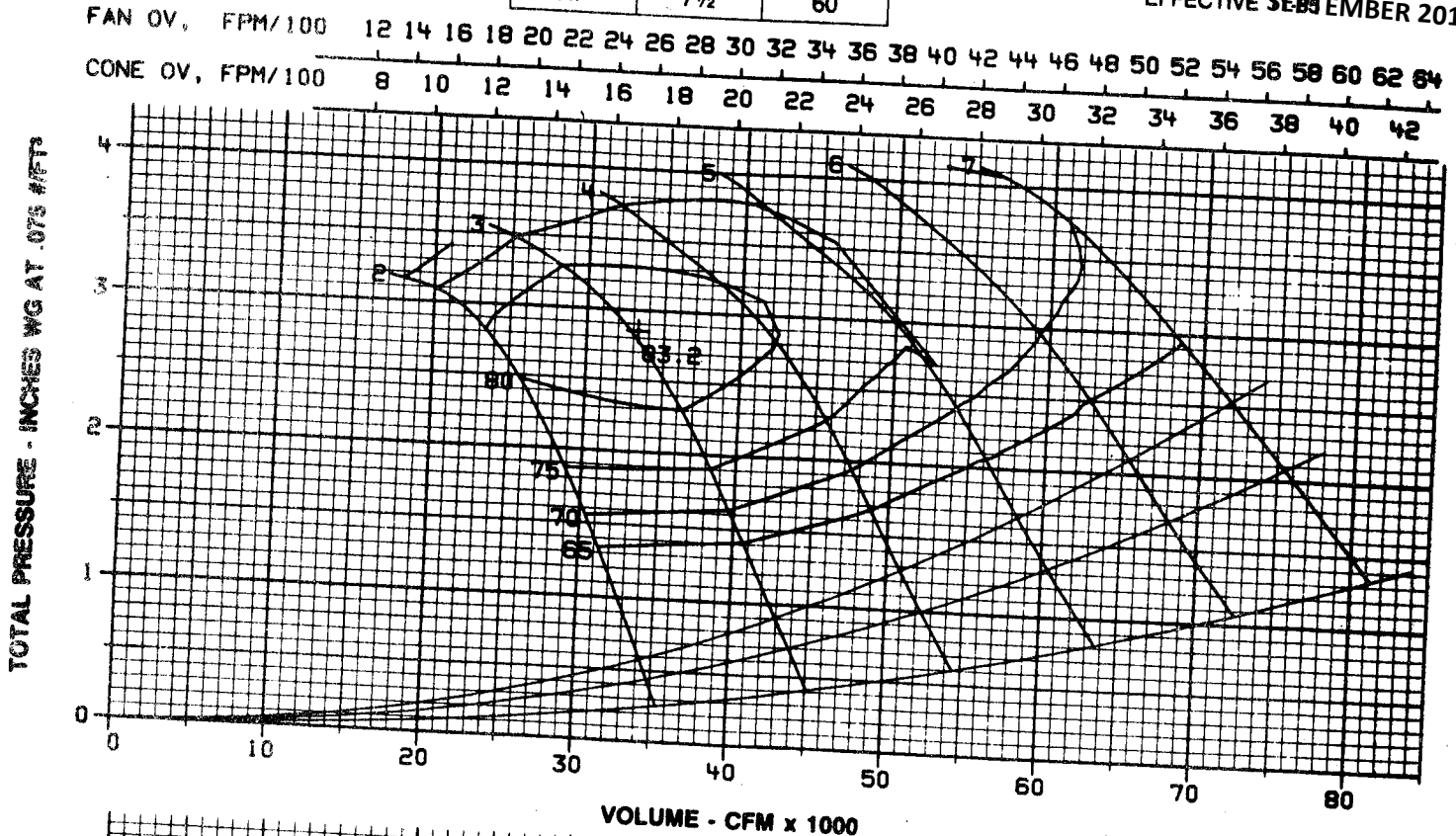
ARRANGEMENT
4

SIZE 4900-LB12-1160 RPM 1160

MOTOR HP	MIN.	A/4 MAX.
	7½	60

CHICAGO BLOWER CORPORATION
1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone A/C 312-858-2800

PAGE 52A
EFFECTIVE SEPTEMBER 2019



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests made in accordance with AMCA Standard 210 and AMCA Standard 300 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.





1675 GLEN ELLYN ROAD
 GLENDALE HEIGHTS, ILLINOIS 60139
 Phone 708-858-2600

EFFECTIVE: SEPTEMBER 2019

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FAN MODEL: 4900-LB12-1160

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA	
Octave Band:	1	2	3	4	5	6	7	8			
Center Frequency:	63	125	250	500	1000	2000	4000	8000			
TP/VP											
HIGH High point is read at peak of curve at maximum total pressure									-2		
									-1		
									0		
									1		
		92	93	100	98	99	95	90	81	2	91
		94	94	102	97	97	94	90	81	3	90
		95	94	104	97	96	93	89	81	4	90
		98	98	106	100	99	95	90	83	5	93
		101	101	108	104	103	97	90	85	6	96
	104	104	111	108	106	99	91	87	7	98	
									8		
MEDIUM Medium point is read at average TP/VP of low and high points									-2		
									-1		
									0		
									1		
		93	93	100	99	101	95	90	80	2	92
		94	93	102	98	98	94	90	81	3	91
		95	94	103	97	96	93	90	81	4	90
		98	96	105	100	99	95	90	82	5	92
		101	99	107	103	102	97	90	84	6	95
	104	101	109	106	106	99	90	86	7	98	
									8		
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2		
									-1		
									0		
									1		
		92	93	100	96	96	94	92	82	2	89
		94	94	102	96	96	94	92	82	3	90
		96	94	103	97	96	94	92	82	4	90
		98	96	105	99	99	95	92	83	5	92
		101	98	107	102	101	96	92	84	6	94
	103	100	109	105	104	98	92	85	7	96	
									8		

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 4900-B12-1760

RPM 1760

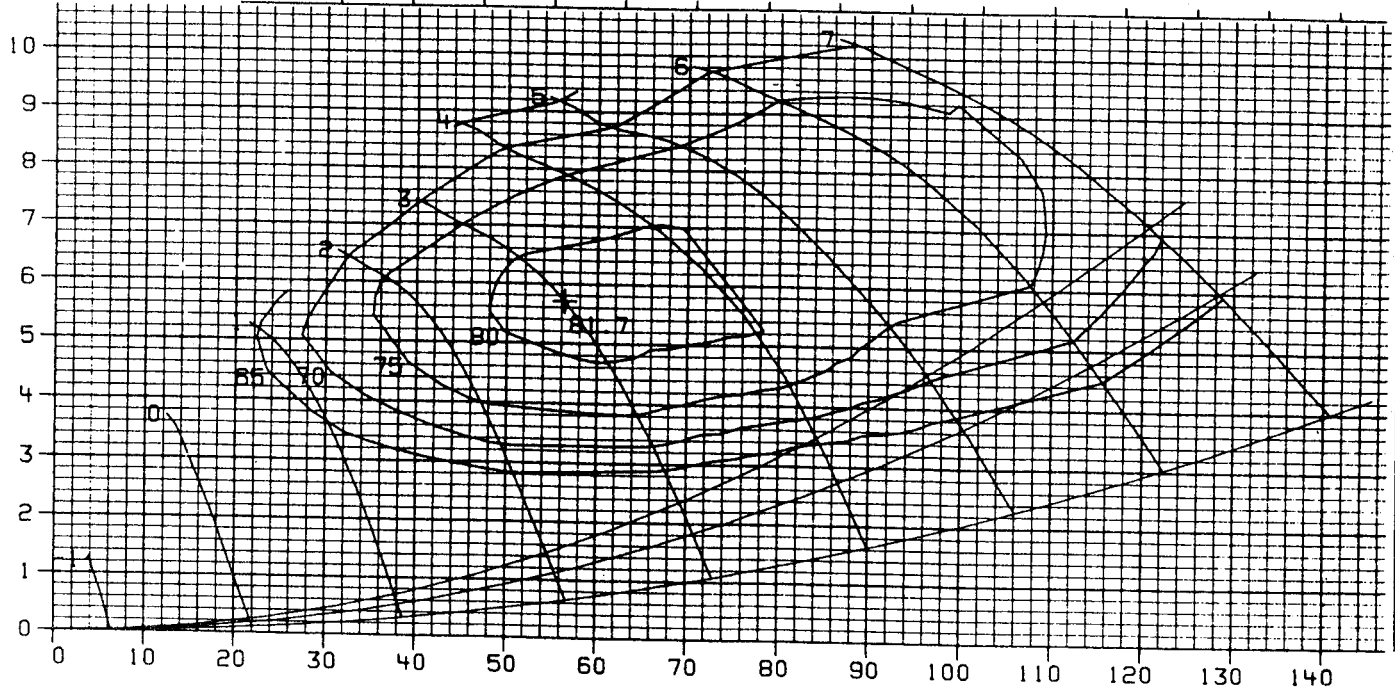
MOTOR HP	MIN.	A/4 MAX.
	25	75

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EFFECTIVE: SEPTEMBER 2019

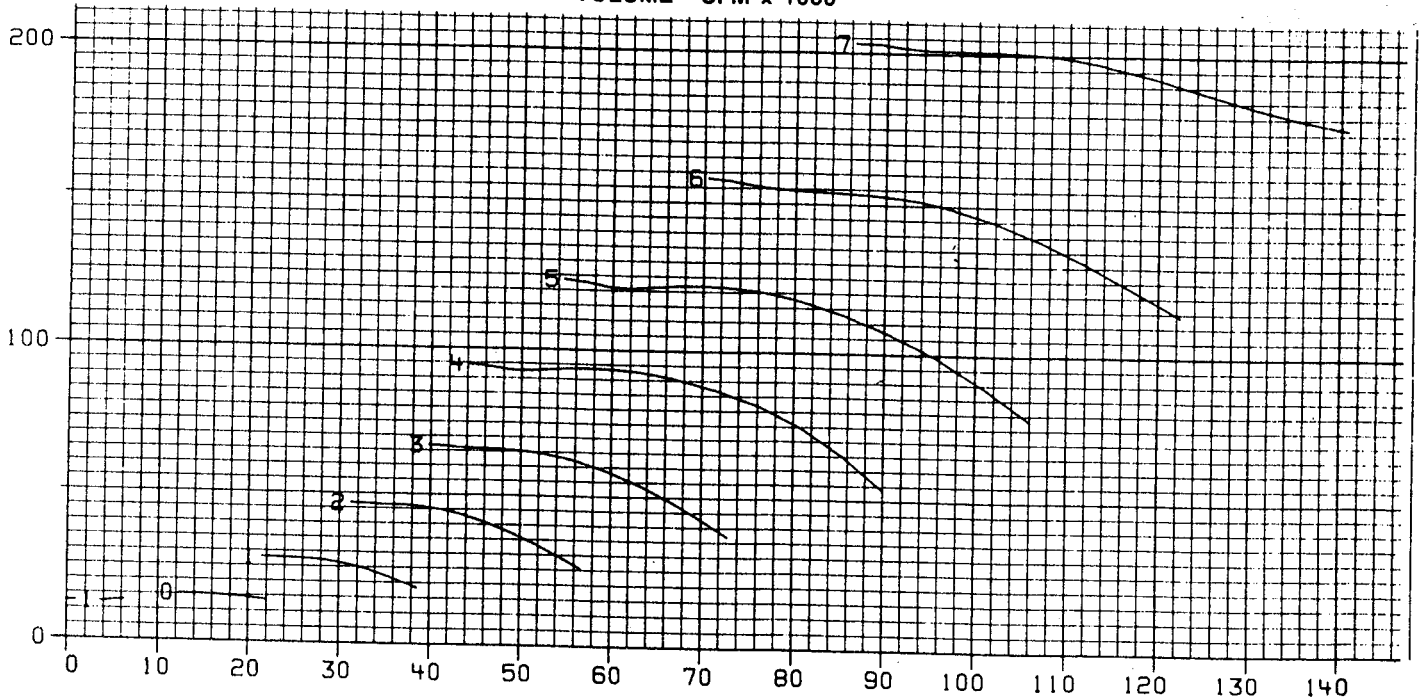
FAN OV, FPM/100	20	30	40	50	60	70	80	90	100	110					
CONE OV, FPM/100	16	20	24	28	32	36	40	44	48	52	56	60	64	68	72

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



VOLUME - CFM x 1000

HORSEPOWER



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Performance shown is for vaneaxial fans with inlet bell and outlet...

FAN MODEL: 4900-B12-1760

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	97	103	108	111	109	106	102	95	-1	102
	97	101	106	109	106	105	102	95	0	100
	101	104	106	109	108	107	103	96	1	102
	106	107	107	110	110	109	103	96	2	103
	105	107	107	110	109	107	102	96	3	102
	104	106	107	111	108	106	101	96	4	102
	107	108	109	113	111	108	102	96	5	104
	109	111	111	115	115	111	103	97	6	107
113	115	114	118	117	112	105	99	7	109	
								8		
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	97	102	108	111	109	107	102	95	-1	102
	96	101	105	108	106	105	103	96	0	100
	100	103	105	108	107	106	103	96	1	101
	104	106	105	107	107	107	103	97	2	101
	104	106	106	109	108	107	103	96	3	101
	104	106	107	111	108	106	102	96	4	102
	107	109	109	112	111	108	103	96	5	104
	109	112	111	113	113	111	103	96	6	106
114	116	116	118	117	113	106	99	7	109	
								8		
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	99	104	109	111	109	108	104	96	-1	103
	98	102	108	111	107	107	104	97	0	102
	101	104	106	108	106	105	103	97	1	100
	104	105	104	106	105	104	103	98	2	99
	106	107	107	108	106	104	102	97	3	100
	108	110	109	110	107	105	102	97	4	101
	110	112	110	111	109	107	103	97	5	103
	112	114	112	112	112	110	104	97	6	105
116	118	117	117	116	113	107	100	7	109	
								8		

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

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VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 4900-LB12-1760

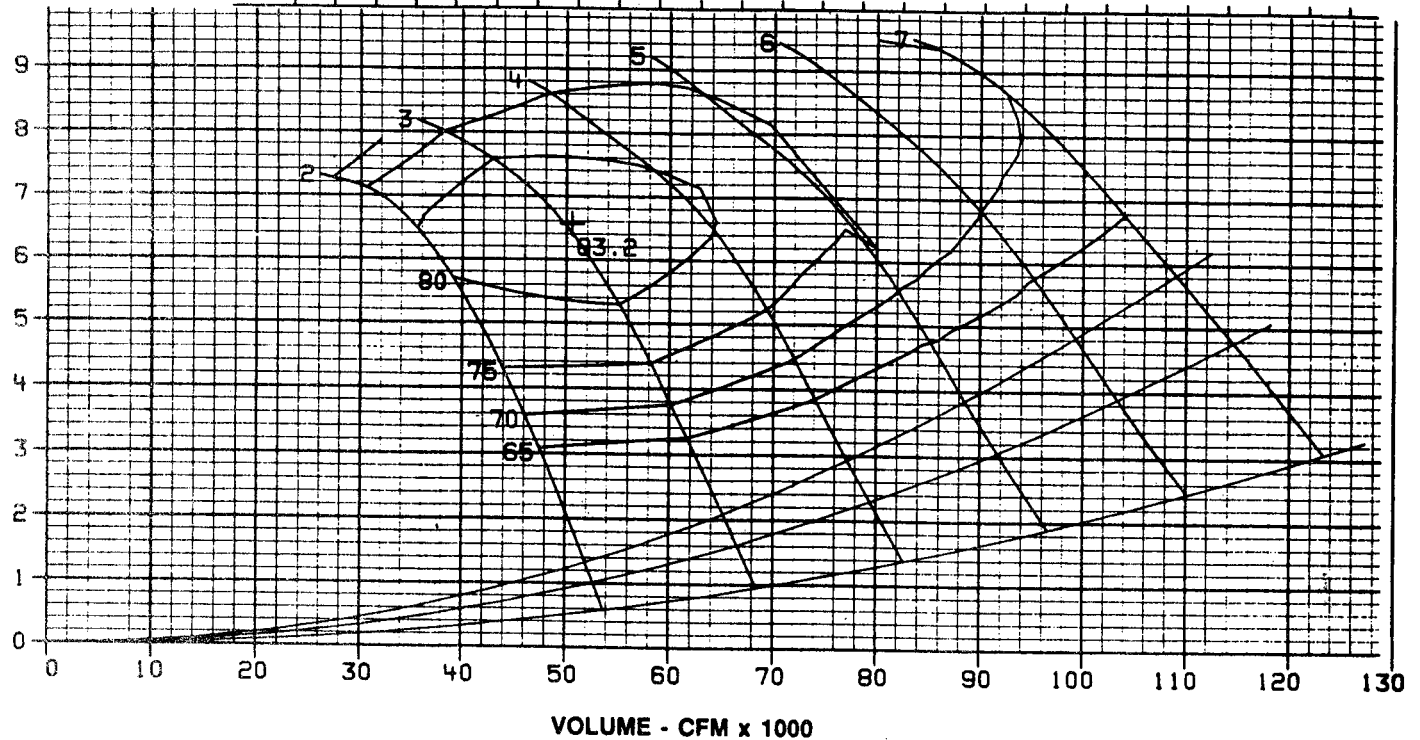
RPM 1760

MOTOR HP	MIN.	A/4 MAX.
	25	150

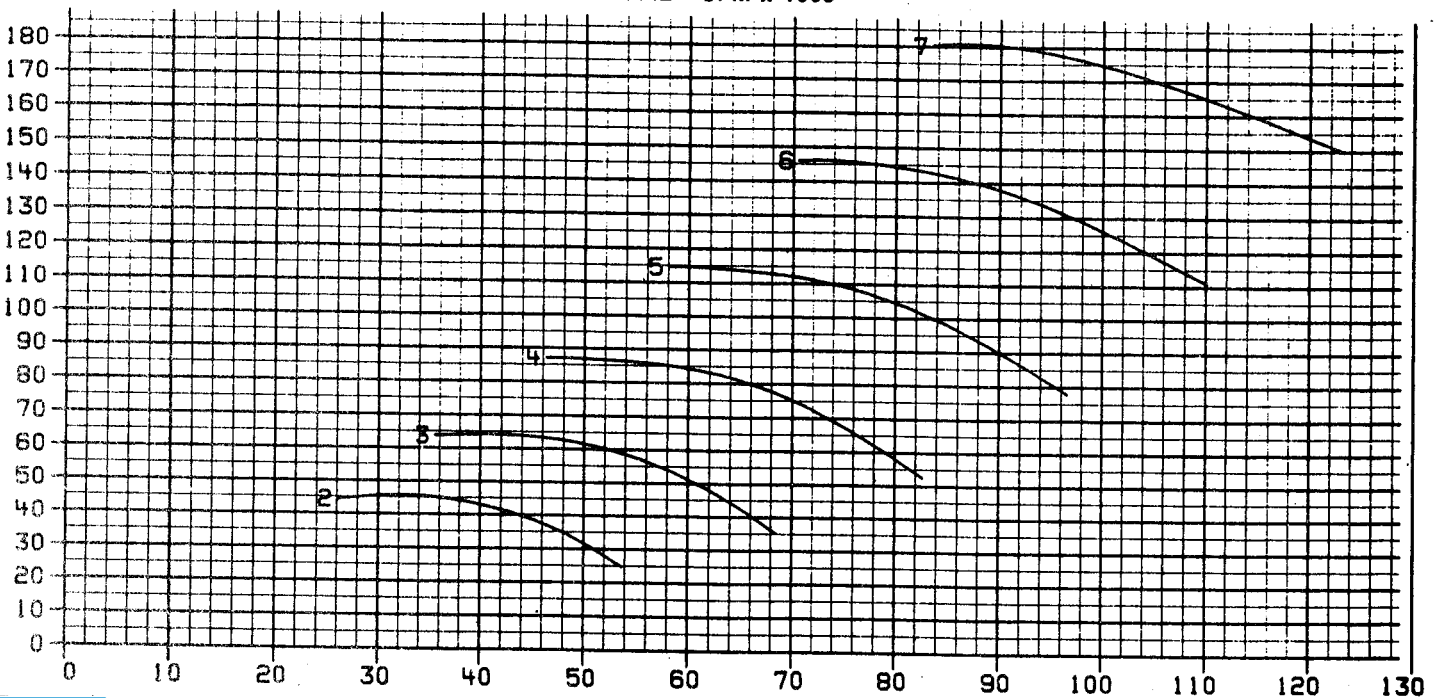
PAGE 53A
EFFECTIVE: SEPTEMBER 2019

FAN OV, FPM/100 20 24 28 32 36 40 44 48 52 56 60 64 68 72 76 80 84 88 92 96
CONE OV, FPM/100 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



HORSEPOWER



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.



1675 GLEN ELLYN ROAD
 GLENDALE HEIGHTS, ILLINOIS 60139
 Phone 708-858-2600

EFFECTIVE: SEPTEMBER 2019

PAGE 53AS

FAN MODEL: 4900-LB12-1760

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
									-1	
									0	
									1	
	100	103	105	108	107	106	102	95	2	101
	101	104	107	109	106	105	101	95	3	100
	102	105	108	110	106	104	100	95	4	100
	105	108	111	113	109	107	102	96	5	103
	108	108	116	111	110	104	98	92	6	103
112	111	118	115	113	106	98	94	7	106	
								8		
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
									-1	
									0	
									1	
	100	103	105	109	109	108	102		2	102
	101	104	106	109	107	106	101		3	101
	102	105	108	110	106	104	101		4	100
	105	108	110	112	109	107	102		5	103
	108	106	114	110	110	104	97		6	102
111	108	113	113	113	106	97		7	105	
								8		
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
									-1	
									0	
									1	
	99	103	105	107	105	104	102		2	99
	101	104	107	109	105	104	102		3	100
	103	106	108	110	106	104	102		4	100
	106	108	109	112	108	106	103		5	102
	108	105	114	109	108	104	99		6	101
111	107	116	112	111	105	99		7	104	
								8		

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

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VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 5425-B12- 890

RPM 890

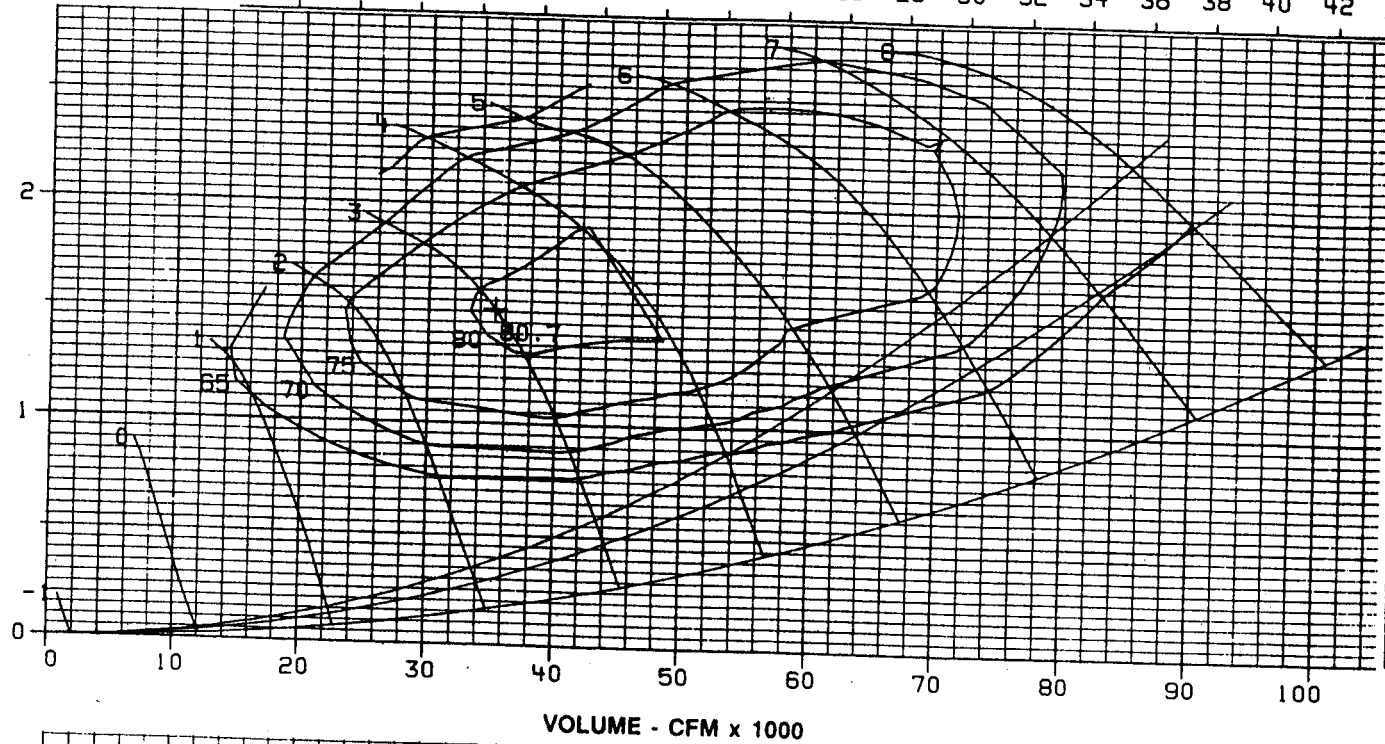
MOTOR HP	MIN.	A/4 MAX.
	5	40

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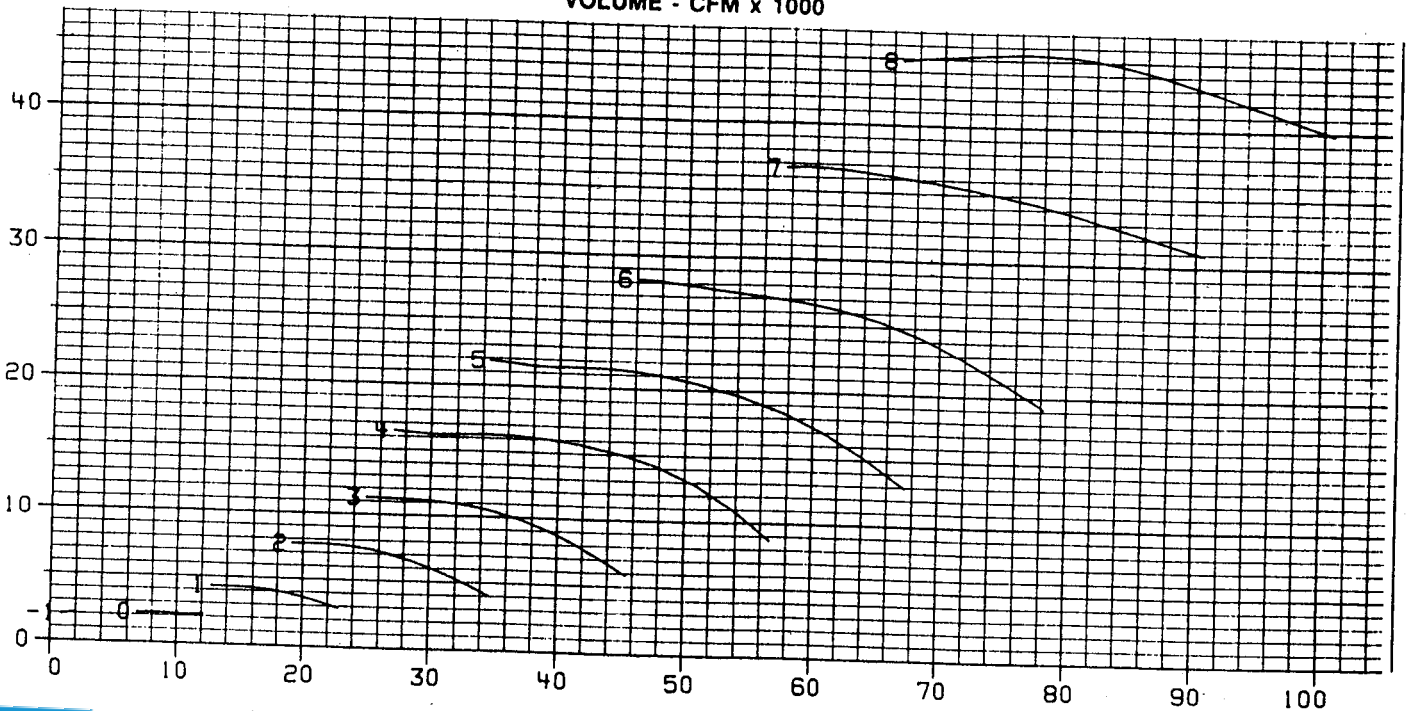
EFFECTIVE: SEPTEMBER 2019

FAN OV, FPM/100 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64
 CONE OV, FPM/100 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



HORSEPOWER



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.



1675 GLEN ELLYN ROAD
 GLENDALE HEIGHTS, ILLINOIS 60139
 Phone 708-858-2600

EFFECTIVE: SEPTEMBER 2019

PAGE 54S

FAN MODEL: 5425-B12-890

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	95	95	100	96	94	91	84	75	-1	88
	84	91	96	92	92	91	85	75	0	86
	88	91	96	95	95	92	85	75	1	87
	92	91	96	97	98	92	85	75	2	89
	93	92	97	96	96	91	85	76	3	88
	93	93	99	96	94	90	85	77	4	87
	94	95	101	99	97	91	85	79	5	90
	97	98	102	103	100	92	85	81	6	92
	102	102	106	105	101	93	87	83	7	94
	110	107	112	109	105	99	91	88	8	99
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	86	95	100	96	95	91	85	75	-1	88
	84	92	96	92	92	91	85	75	0	86
	88	91	95	94	95	92	89	75	1	87
	91	90	94	95	97	93	89	76	2	88
	91	92	96	96	96	92	89	77	3	88
	90	93	99	96	95	91	85	78	4	88
	95	95	100	99	97	92	85	79	5	90
	99	98	101	102	100	93	84	80	6	92
	105	104	106	105	103	96	88	84	7	95
	112	112	114	111	109	103	94	90	8	102
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	87	95	100	97	95	92	85	76	-1	88
	87	95	100	94	94	92	86	74	0	88
	88	93	96	93	93	92	87	76	1	86
	90	90	93	91	91	91	88	77	2	85
	93	93	95	93	92	90	87	78	3	86
	95	96	98	94	92	90	86	78	4	86
	98	98	99	97	96	91	85	79	5	89
	101	99	100	100	100	93	85	81	6	91
	106	106	106	105	103	96	89	84	7	96
	113	113	114	112	110	104	95	91	8	103

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 5425-B12-1160

RPM 1160

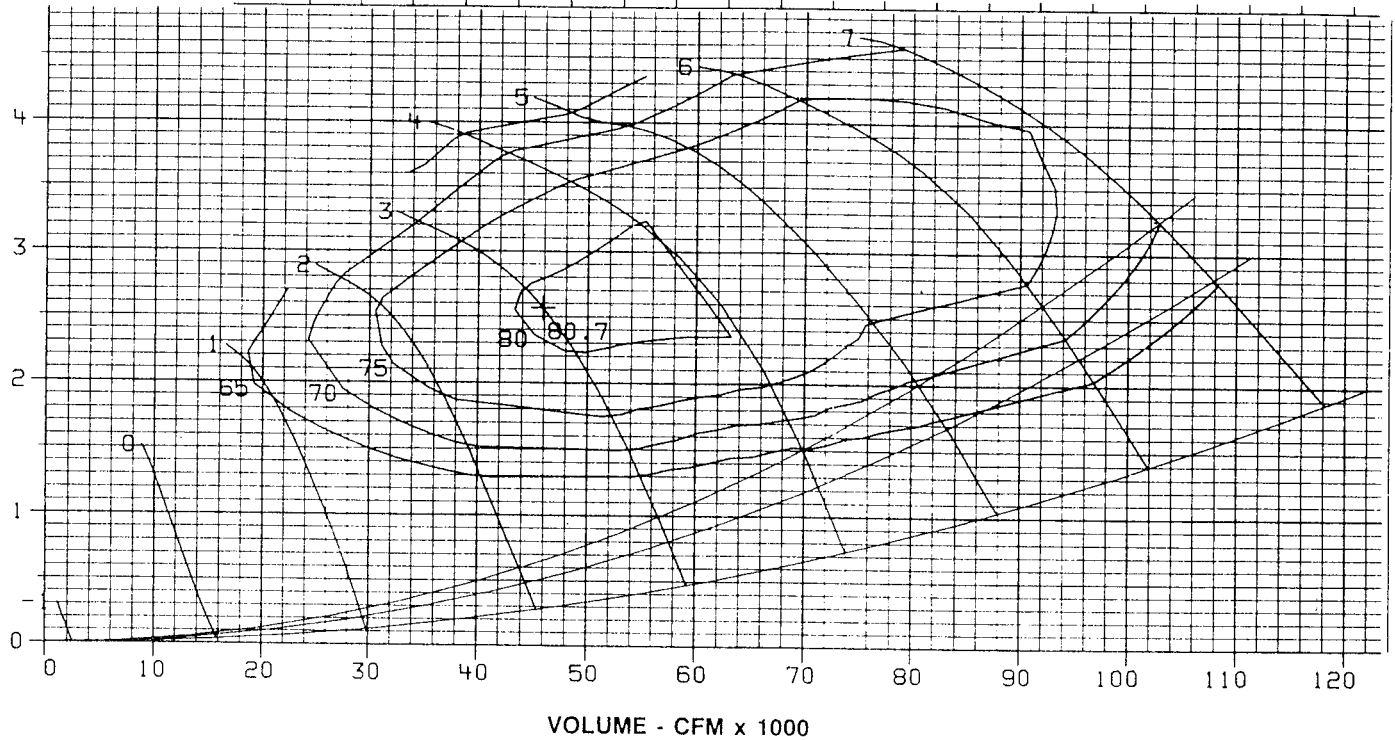
MOTOR HP	MIN. 10	A/4 MAX. 50
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PAGE 55

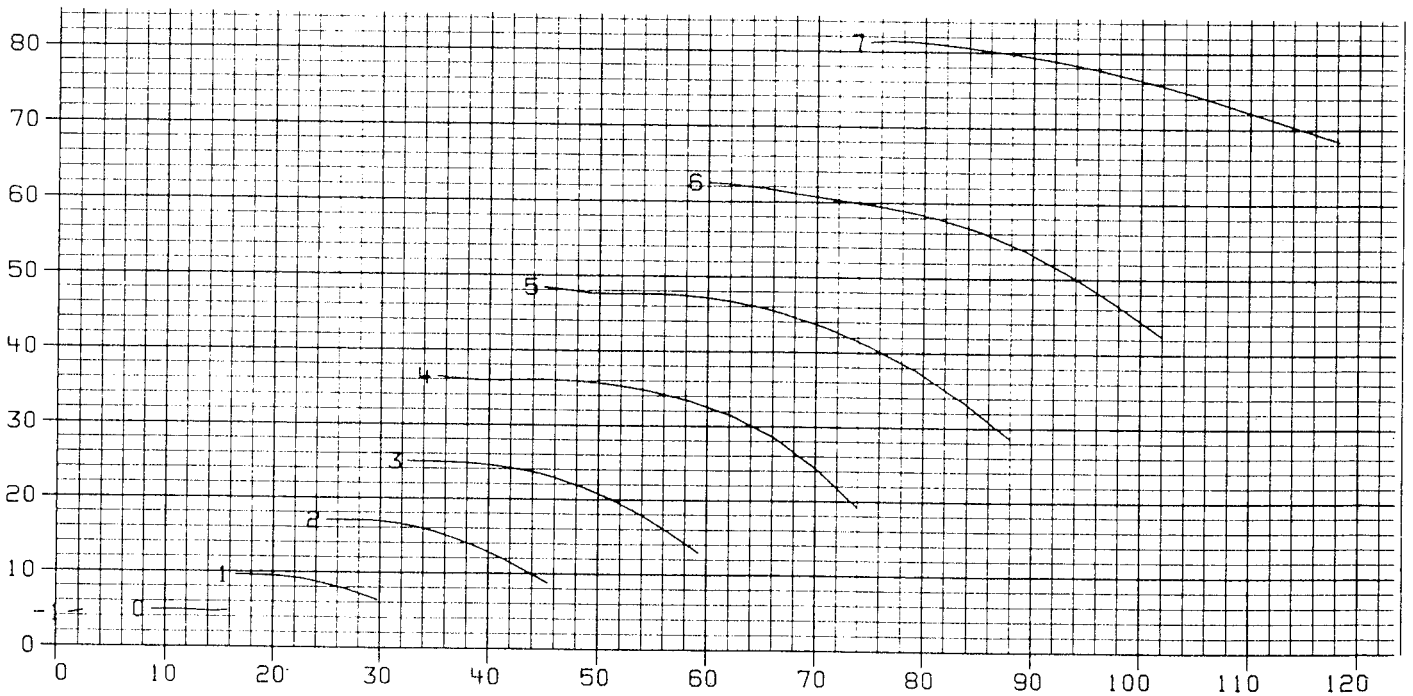
EFFECTIVE: SEPTEMBER 2019

FAN OV, FPM/100 16 20 24 28 32 36 40 44 48 52 56 60 64 68 72 76
 CONE OV, FPM/100 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



HORSEPOWER



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 5425-B12-1160

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	89	97	107	102	101	98	94	84	-1	95
	88	93	104	98	98	98	95	84	0	92
	94	94	102	100	102	99	95	84	1	94
	100	96	101	101	106	100	94	85	2	96
	99	95	103	101	104	99	94	85	3	95
	99	95	106	102	101	98	93	86	4	94
	102	98	107	105	105	100	93	87	5	97
	105	101	108	109	108	101	93	88	6	100
110	106	112	111	109	102	94	90	7	102	
								8		
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	90	97	107	102	102	99	94	84	-1	95
	89	94	105	98	98	98	95	84	0	93
	97	94	102	99	101	99	95	85	1	94
	99	95	99	99	104	100	96	86	2	95
	99	95	103	101	103	99	95	86	3	95
	98	94	107	102	102	98	94	87	4	95
	103	99	106	105	105	100	93	87	5	97
	107	102	106	107	107	102	92	87	6	99
112	109	113	112	110	105	96	91	7	103	
								8		
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	91	98	107	102	102	99	94	85	-1	95
	91	97	109	100	100	100	96	84	0	95
	95	95	104	99	99	98	96	86	1	93
	98	94	99	97	97	97	97	87	2	92
	101	97	103	99	98	96	96	87	3	92
	103	100	106	100	99	96	94	86	4	93
	106	102	106	103	103	99	94	87	5	96
	110	105	106	105	107	102	93	88	6	99
114	111	113	111	111	105	96	92	7	103	
								8		

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 5425-LB12-1160

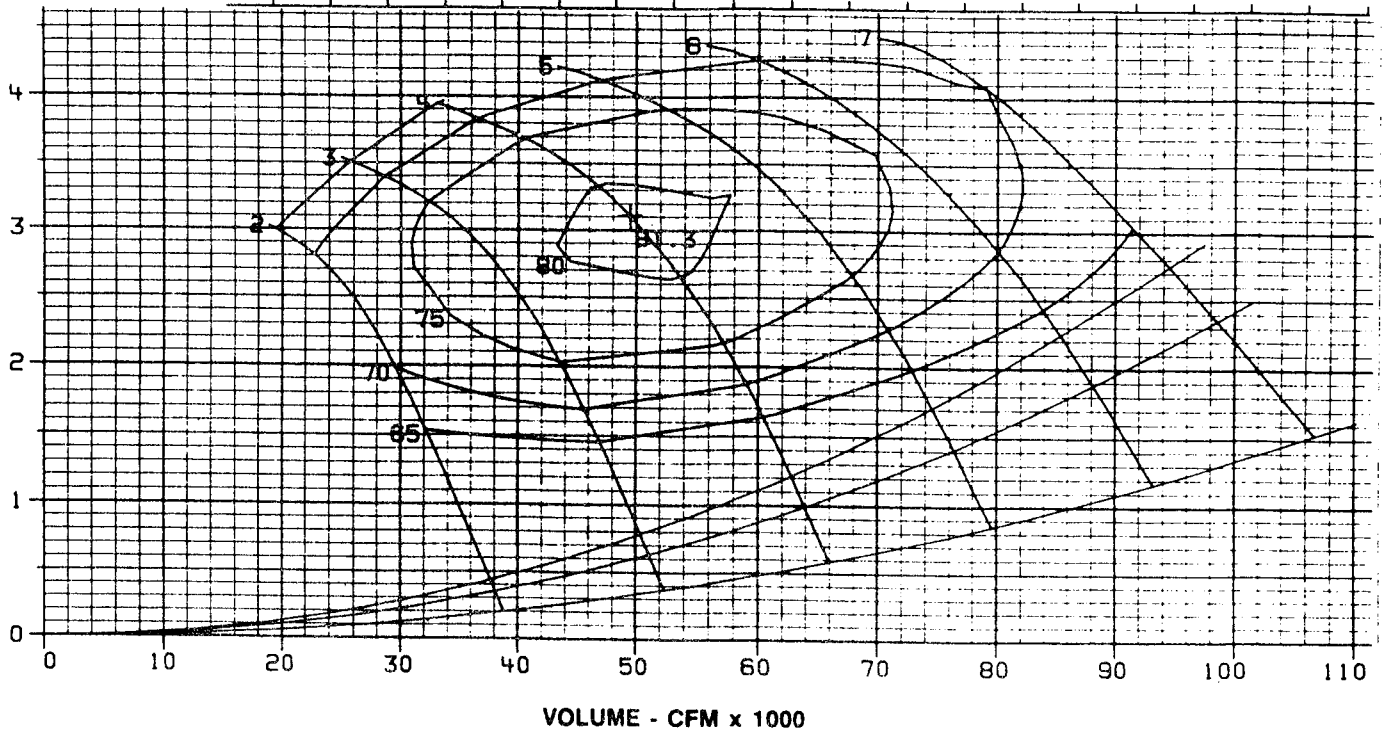
RPM 1160

MOTOR HP	MIN.	A/4 MAX.
		10

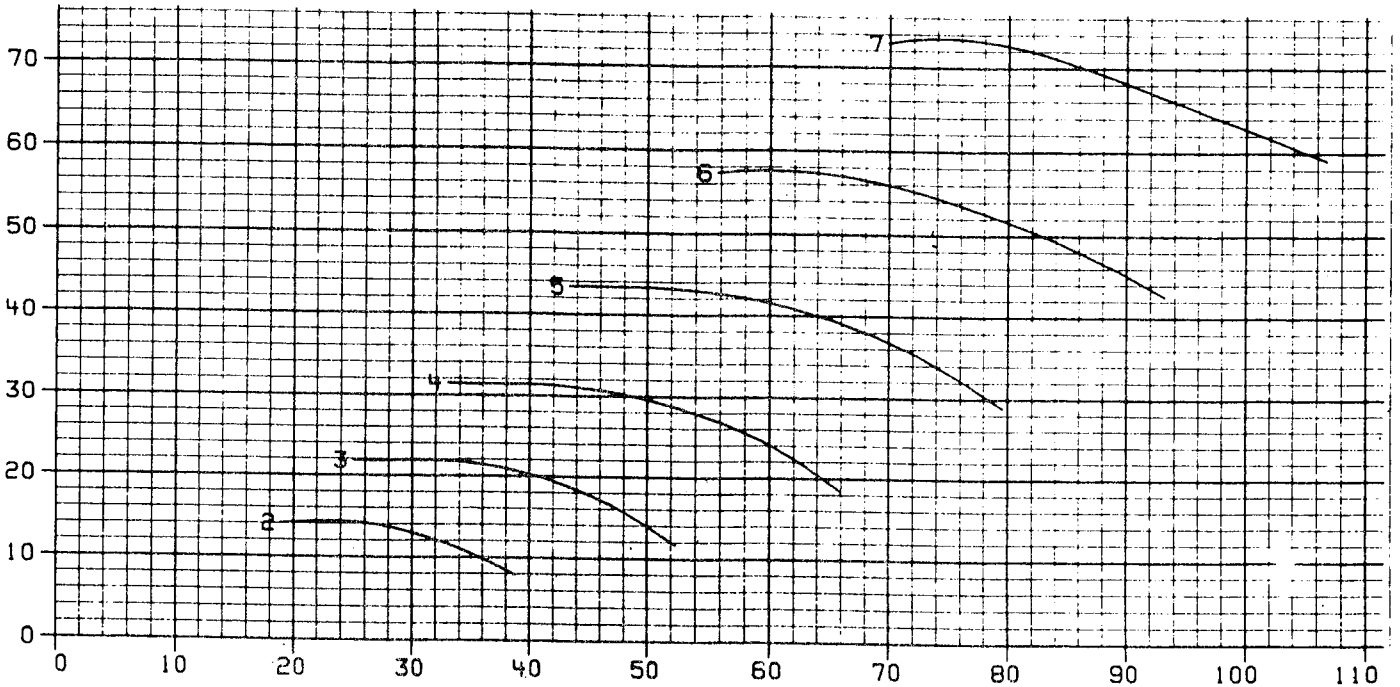
PAGE 55A
EFFECTIVE: SEPTEMBER 2019

FAN OV, FPM/100 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68
CONE OV, FPM/100 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



HORSEPOWER



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 5425-LB12-1160

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA	
Octave Band:	1	2	3	4	5	6	7	8			
Center Frequency:	63	125	250	500	1000	2000	4000	8000			
TP/VP											
HIGH High point is read at peak of curve at maximum total pressure									-2		
									-1		
									0		
									1		
		92	93	100	101	105	99	94	84	2	96
		93	95	103	100	102	98	93	84	3	94
		95	96	106	100	100	97	92	85	4	93
		98	100	109	104	103	99	93	87	5	96
		101	104	113	108	107	101	94	89	6	100
	105	108	116	112	110	103	95	90	7	103	
									8		
MEDIUM Medium point is read at average TP/VP of low and high points									-2		
									-1		
									0		
									1		
		92	94	101	104	108	100	93	83	2	99
		93	95	104	102	104	99	93	84	3	95
		95	96	106	100	100	97	92	85	4	93
		97	98	109	103	103	99	93	86	5	96
		99	101	111	106	106	101	93	87	6	98
	101	103	113	109	109	103	93	88	7	101	
									8		
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2		
									-1		
									0		
									1		
		90	94	101	95	95	94	94	86	2	90
		92	95	104	97	97	95	94	86	3	91
		95	95	107	99	98	95	95	86	4	93
		97	97	109	102	101	97	97	86	5	95
		99	98	110	104	104	99	97	87	6	97
	102	100	112	107	106	101	97	88	7	99	
									8		

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4

CHICAGO BLOWER CORPORATION

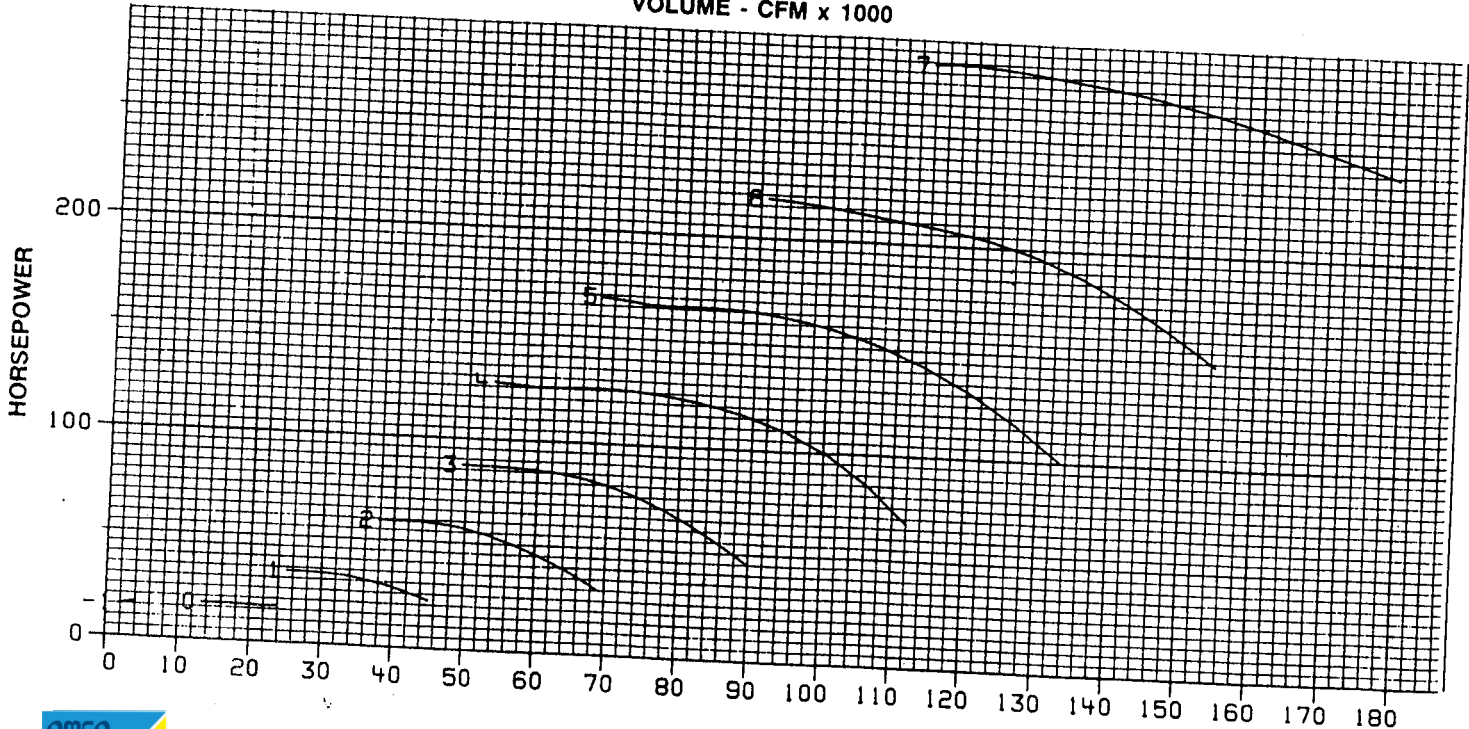
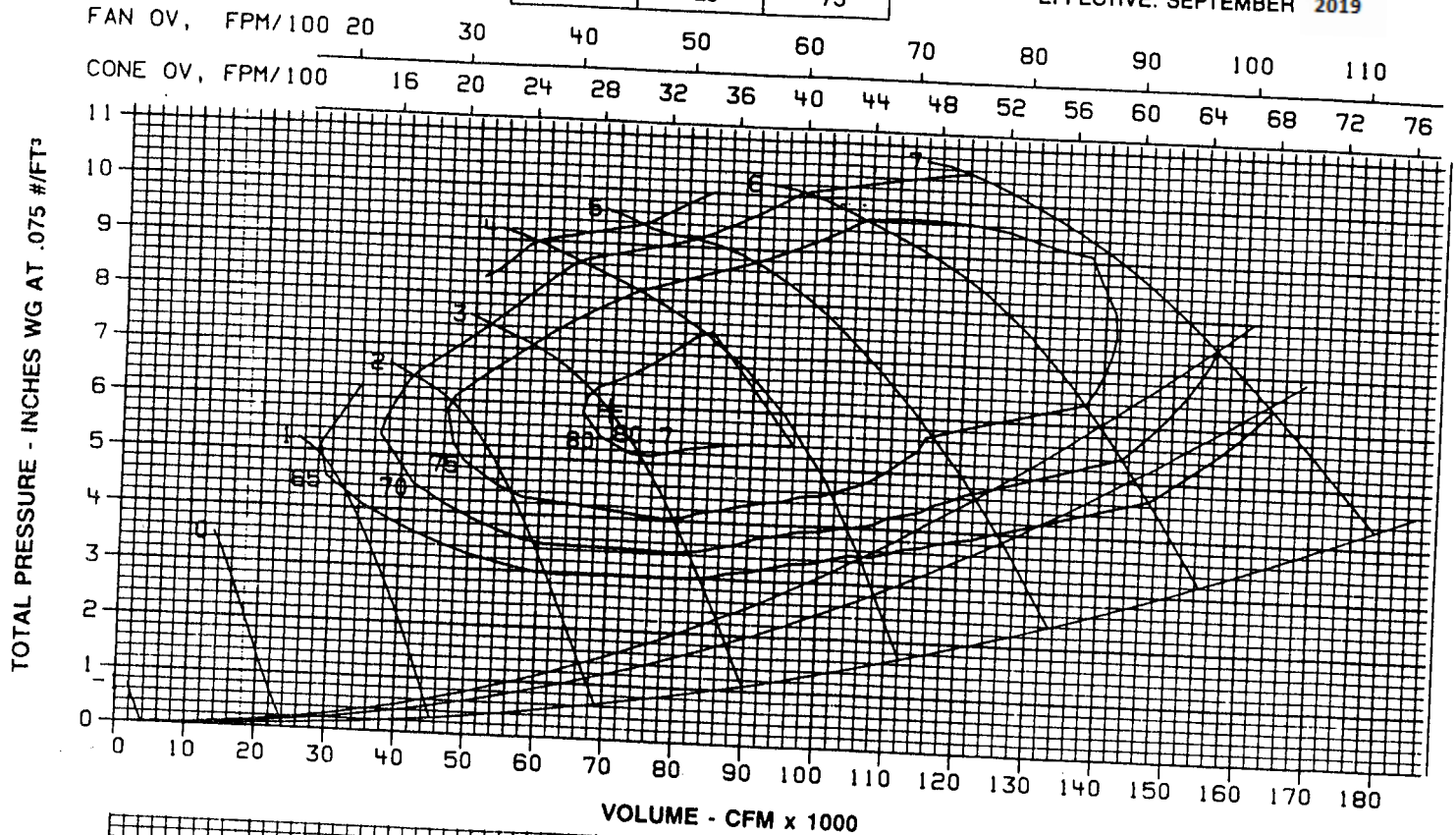
SIZE 5425-B12-1760 RPM 1760

1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

MOTOR HP	MIN.	A/4 MAX.
	25	75

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EFFECTIVE: SEPTEMBER 2019



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 5425-B12-1760

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	96	102	111	114	111	109	105	99	-1	105
	95	100	107	110	107	107	106	100	0	102
	101	104	107	110	109	110	106	100	1	104
	107	109	107	110	112	113	107	99	2	106
	107	108	108	112	111	111	106	99	3	105
	106	108	109	113	111	109	105	99	4	104
	109	111	111	115	114	112	106	100	5	107
	112	114	113	117	118	115	107	100	6	110
	117	119	118	121	119	116	108	102	7	112
								8		
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	97	103	111	114	111	109	106	99	-1	105
	96	101	108	111	107	107	106	100	0	103
	101	104	107	110	109	109	107	100	1	103
	107	108	106	108	110	111	107	101	2	104
	106	108	108	111	110	110	107	100	3	104
	106	107	109	114	111	110	106	100	4	105
	110	111	111	115	114	112	106	100	5	107
	114	116	114	116	116	114	107	99	6	109
	119	121	120	121	120	117	110	103	7	113
								8		
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	99	104	111	114	111	110	107	100	-1	105
	98	104	111	115	109	109	107	100	0	105
	102	105	108	111	108	108	107	101	1	103
	105	107	106	108	106	106	106	102	2	101
	108	110	109	110	108	107	105	101	3	102
	111	112	112	113	109	107	104	100	4	103
	114	115	113	114	112	111	106	100	5	106
	117	118	115	115	115	114	108	100	6	108
	121	123	122	121	120	118	111	104	7	113
								8		

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV

VANEAXIAL FAN
ADJUSTABLE PITCH
CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 5425-LB12-1760 RPM 1760

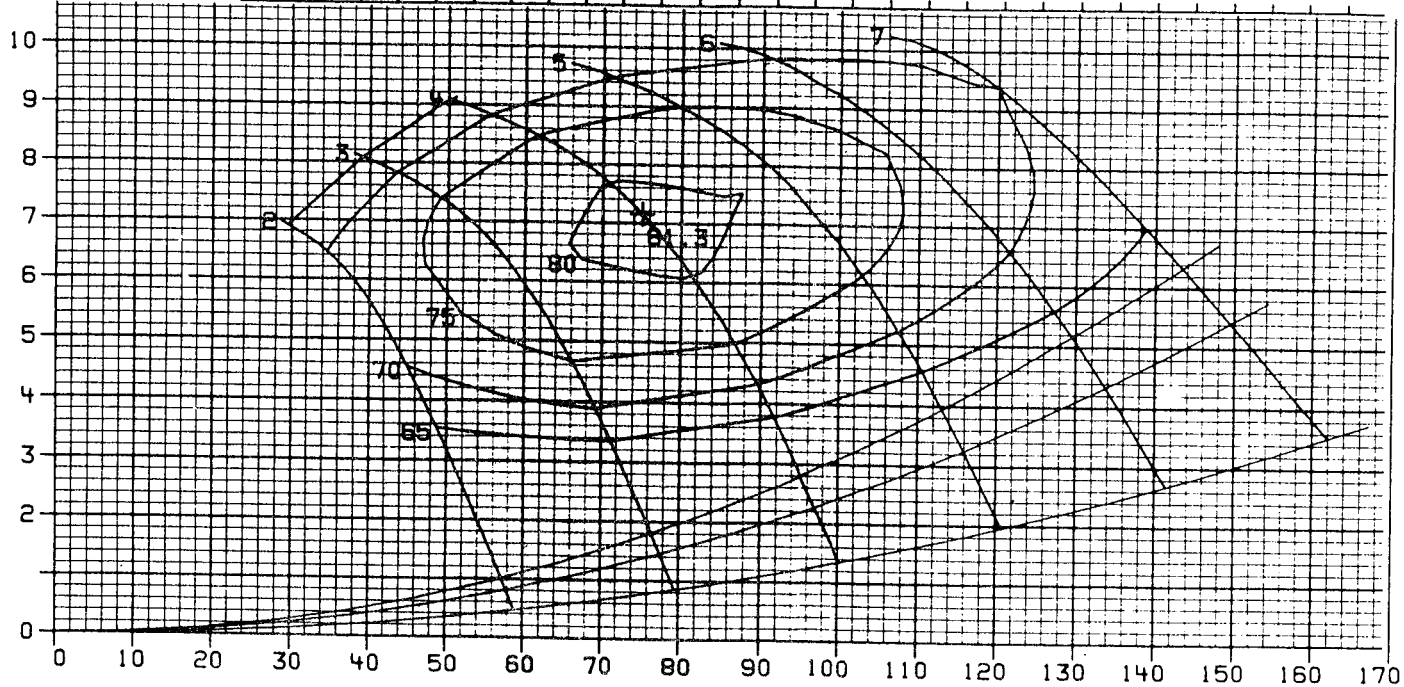
MOTOR HP	MIN.	A/4 MAX.
		25

PAGE 56A

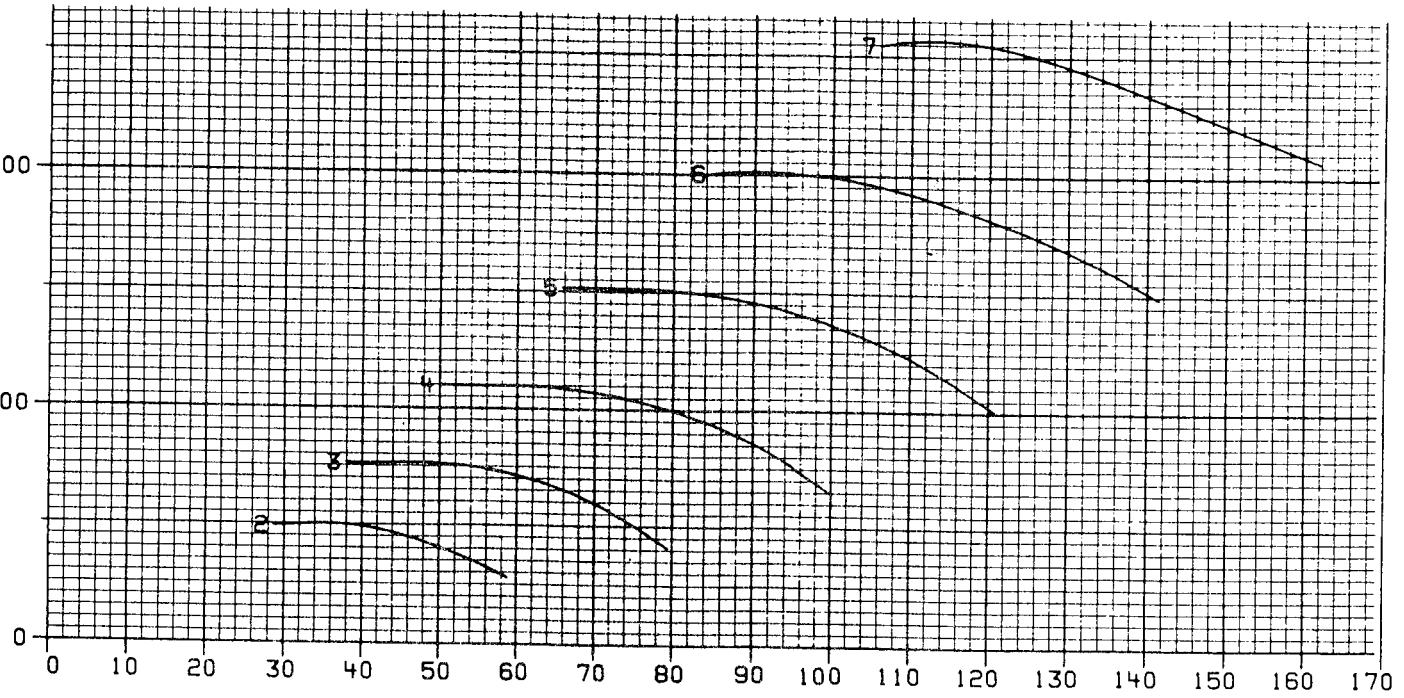
EFFECTIVE: SEPTEMBER 2019

FAN OV, FPM/100 20 24 28 32 36 40 44 48 52 56 60 64 68 72 76 80 84 88 92 96 100 104
 CONE OV, FPM/100 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



HORSEPOWER



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 5425-LB12-1760

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
									-1	
									0	
									1	
	99	103	106	110	112	112	106	99	2	105
	100	104	108	111	110	110	105	99	3	104
	102	105	110	113	109	108	104	98	4	103
	105	109	113	116	113	111	106	100	5	106
	109	111	120	115	114	108	108	96	6	107
112	115	123	119	117	110	110	98	7	110	
								8		
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
									-1	
									0	
									1	
	100	103	106	111	115	114	107	98	2	107
	101	104	108	112	112	111	105	98	3	105
	102	105	110	113	109	108	104	98	4	103
	104	108	112	115	112	110	105	99	5	106
	107	108	118	113	113	108	100	94	6	106
110	110	120	117	117	110	100	96	7	108	
								8		
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
									-1	
									0	
									1	
	97	102	106	108	104	104	103	100	2	100
	100	104	108	110	106	105	104	100	3	101
	102	105	110	113	107	106	104	100	4	103
	104	107	111	115	110	109	105	100	5	105
	107	105	118	112	111	106	101	94	6	104
109	107	119	115	113	108	101	95	7	107	
								8		

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT

4

CHICAGO BLOWER CORPORATION

1675 GLEN ELLYN ROAD
 GLENDALE HEIGHTS, ILLINOIS 60139
 Phone 708-858-2600

SIZE 3650-C12- 890

RPM 890

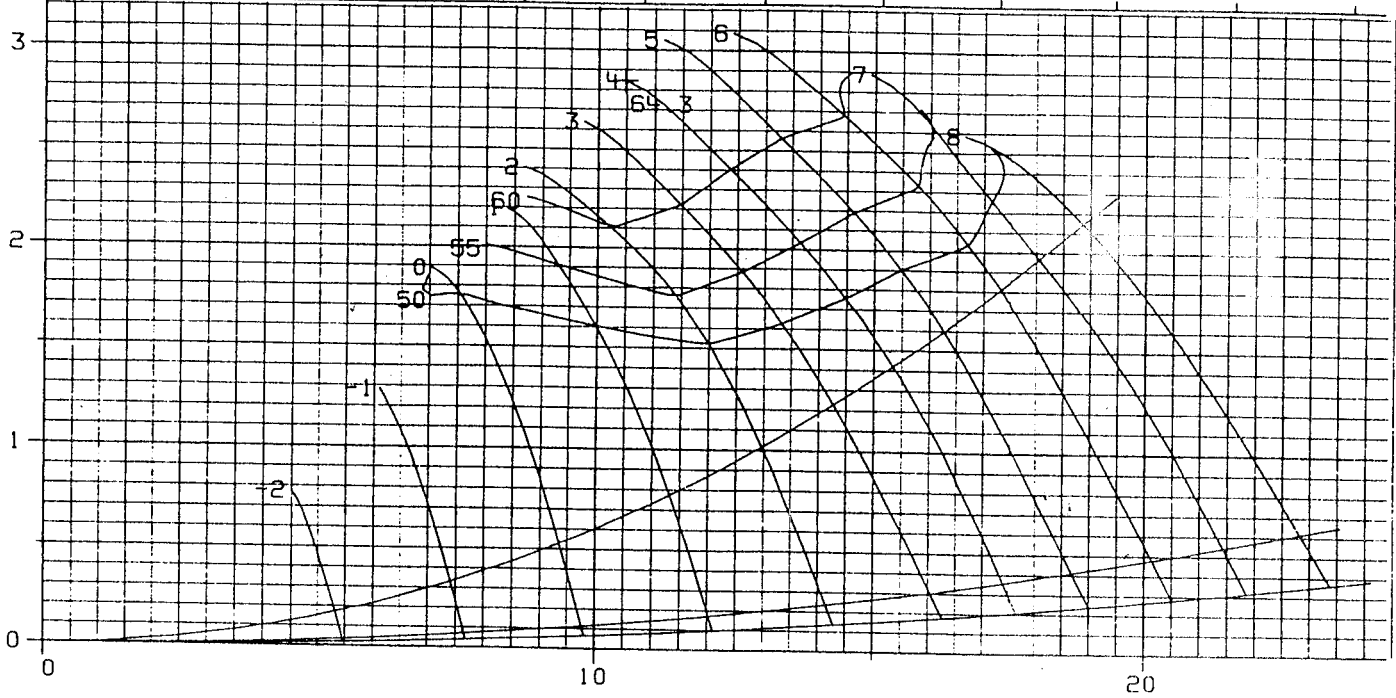
MOTOR HP	MIN.	A/4 MAX.
	10	200

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EFFECTIVE: SEPTEMBER 2019

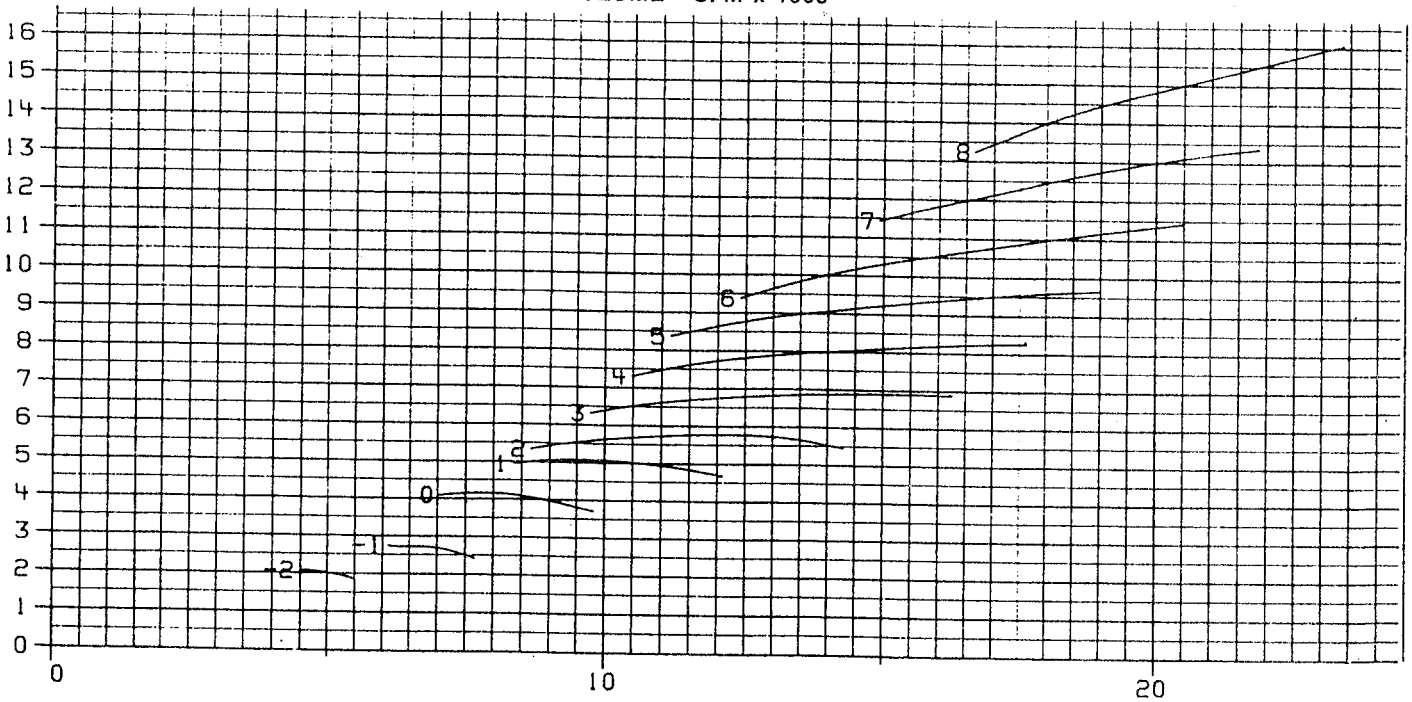
FAN OV, FPM/100 6 8 10 12 14 16 18 20 22 24 26 28 30 32
 CONE OV, FPM/100 4 6 8 10 12 14 16 18 20 22

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



VOLUME - CFM x 1000

HORSEPOWER



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 3650-C12-890

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	84	87	93	89	86	77	73	68	-2	79
	88	89	91	88	84	77	71	66	-1	78
	93	91	92	88	83	77	70	64	0	78
	92	91	92	89	84	77	70	64	1	79
	91	91	92	90	85	77	70	63	2	79
	92	93	93	92	87	78	71	65	3	81
	94	95	95	94	88	79	72	66	4	83
	94	95	96	95	90	81	74	68	5	84
	94	96	96	96	92	83	76	70	6	85
	95	97	97	97	94	85	77	71	7	87
MEDIUM Medium point is read at average TP/VP of low and high points	84	88	94	89	87	78	74	74	-2	80
	88	90	92	90	86	79	73	73	-1	80
	91	91	92	91	86	80	73	73	0	80
	92	92	92	91	86	79	72	72	1	80
	92	92	92	90	85	78	71	71	2	80
	92	92	92	91	86	79	72	72	3	81
	92	93	92	92	88	80	73	73	4	81
	93	94	94	94	89	82	74	74	5	83
	94	94	95	96	91	83	76	76	6	85
	95	95	96	98	93	85	77	77	7	86
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	85	88	94	90	89	80	75	70	-2	81
	88	90	92	90	86	80	73	67	-1	80
	90	91	92	90	85	79	72	65	0	79
	92	91	92	90	86	79	73	66	1	80
	94	91	92	91	87	80	74	67	2	81
	93	92	93	92	87	81	74	67	3	81
	93	93	93	93	88	81	74	67	4	82
	94	94	95	94	90	83	76	69	5	84
	95	96	96	96	92	84	77	70	6	85
	97	97	98	98	94	86	79	72	7	87
98	99	100	100	96	87	80	73	8	89	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV

VANEAXIAL FAN
ADJUSTABLE PITCH
CONTROLLABLE PITCH

ARRANGEMENT
4

CHICAGO BLOWER CORPORATION

1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 3650-C12-1160

RPM 1160

MOTOR HP	MIN.	A/4 MAX.
	20	250

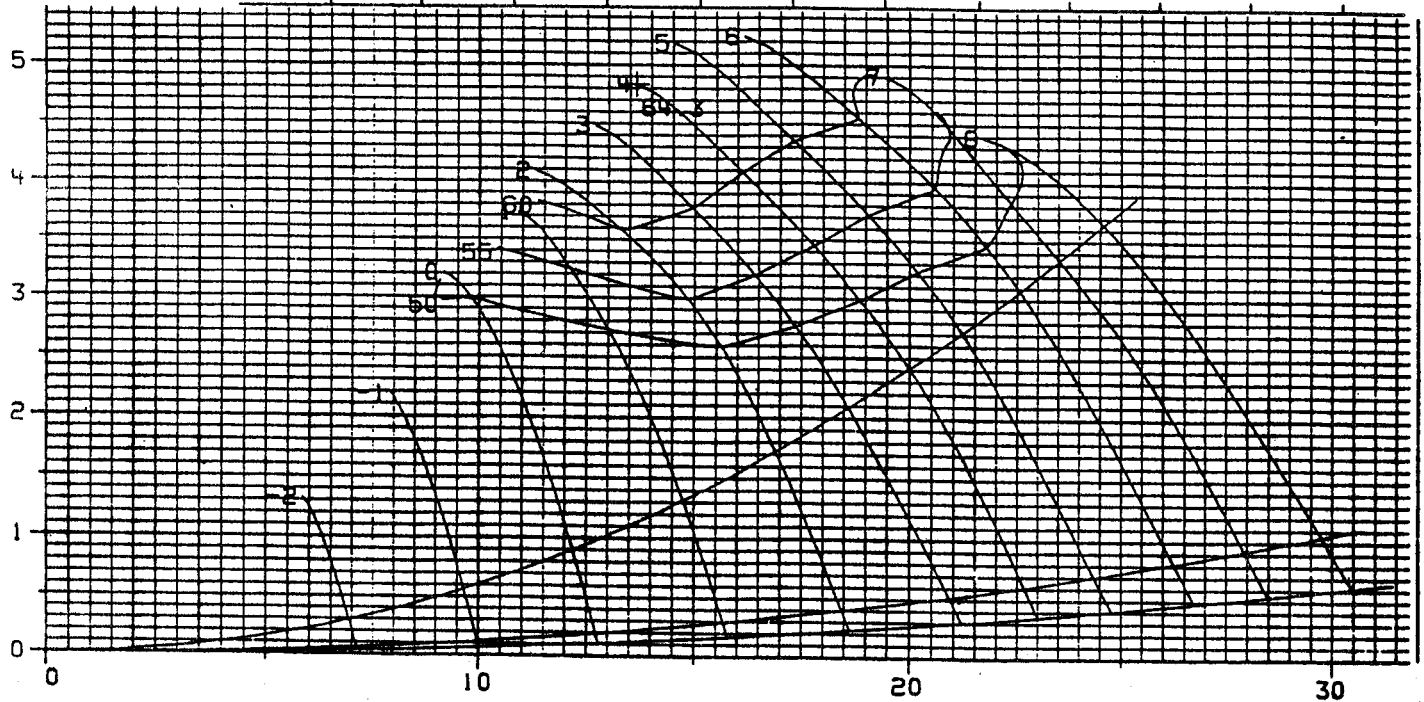
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EFFECTIVE: SEPTEMBER 2019

FAN OV, FPM/100 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42

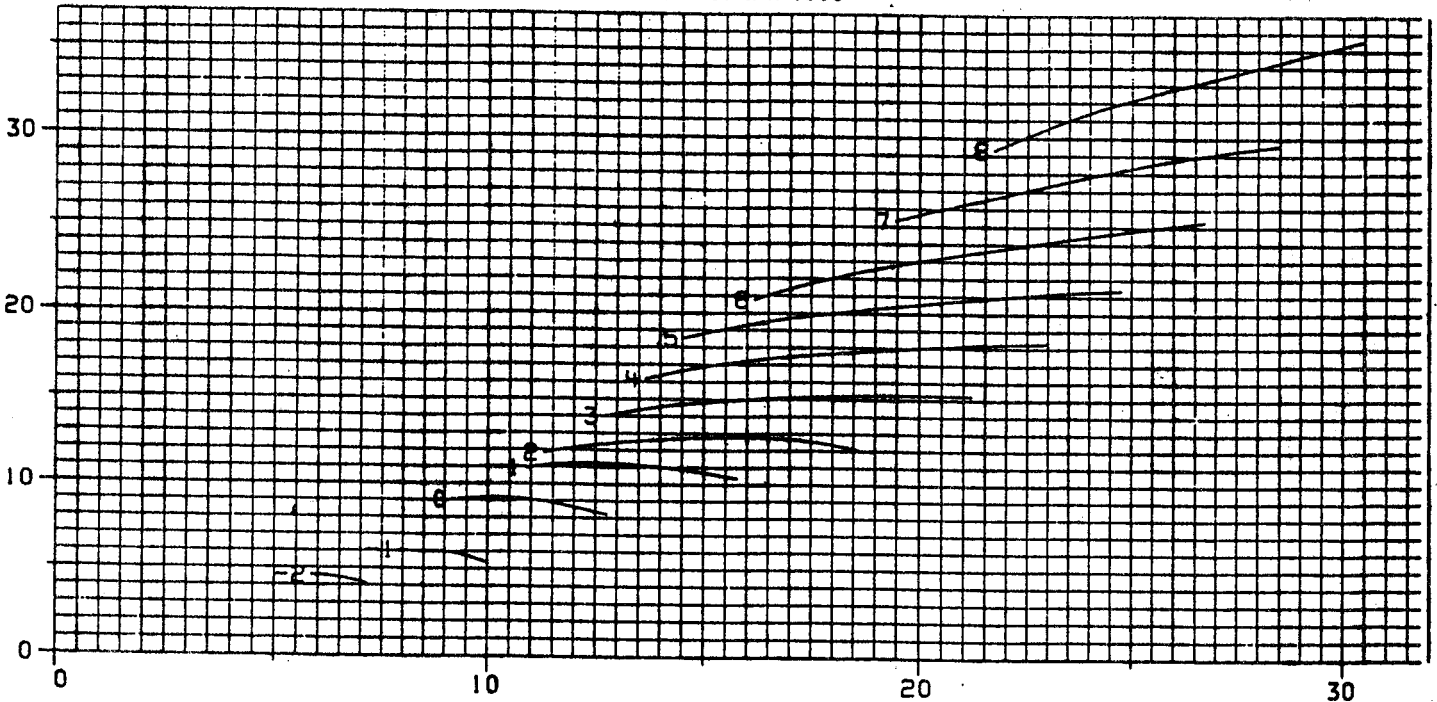
CONE OV, FPM/100 6 8 10 12 14 16 18 20 22 24 26 28

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



VOLUME - CFM x 1000

NORSEPOWER



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct



1675 GLEN ELLYN ROAD
 GLENDALE HEIGHTS, ILLINOIS 60139
 Phone 708-858-2600

EFFECTIVE: SEPTEMBER 2019

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FAN MODEL: 3650-C12-1160

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	91	93	97	96	93	86	80	76	-2	86
	96	95	97	96	91	86	79	74	-1	85
	101	97	98	96	91	85	78	72	0	86
	100	97	98	97	92	86	78	72	1	86
	98	97	97	98	94	86	78	72	2	87
	99	99	99	100	95	87	79	73	3	89
	100	101	100	102	97	88	80	74	4	91
	100	102	101	102	99	90	82	75	5	92
	100	102	102	103	101	92	84	78	6	93
	100	103	103	103	102	94	85	79	7	94
101	104	104	104	104	96	87	81	8	95	
MEDIUM Medium point is read at average TP/VP of low and high points	92	94	98	97	94	88	81	76	-2	87
	96	95	97	97	93	88	81	75	-1	87
	98	97	98	98	94	88	81	75	0	87
	100	97	98	98	94	88	80	74	1	87
	100	98	98	98	94	87	79	73	2	87
	99	99	98	99	95	88	80	74	3	88
	98	100	98	99	96	89	81	74	4	89
	99	101	98	101	98	90	83	76	5	91
	100	101	99	103	100	92	84	77	6	92
	101	102	100	104	102	93	85	79	7	94
102	103	101	106	104	95	86	80	8	96	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	92	94	98	98	94	88	83	78	-2	88
	95	96	97	97	93	88	81	75	-1	87
	97	97	98	98	94	88	80	74	0	87
	100	97	98	98	94	88	81	75	1	87
	103	97	98	98	94	87	82	76	2	88
	101	98	98	99	95	88	82	75	3	89
	100	99	98	100	96	89	82	75	4	89
	101	101	100	101	98	90	84	77	5	91
	102	102	102	103	100	92	85	79	6	93
	103	104	103	104	102	93	87	80	7	94
105	105	105	106	104	95	83	82	8	96	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 3650-C12-1760

RPM 1760

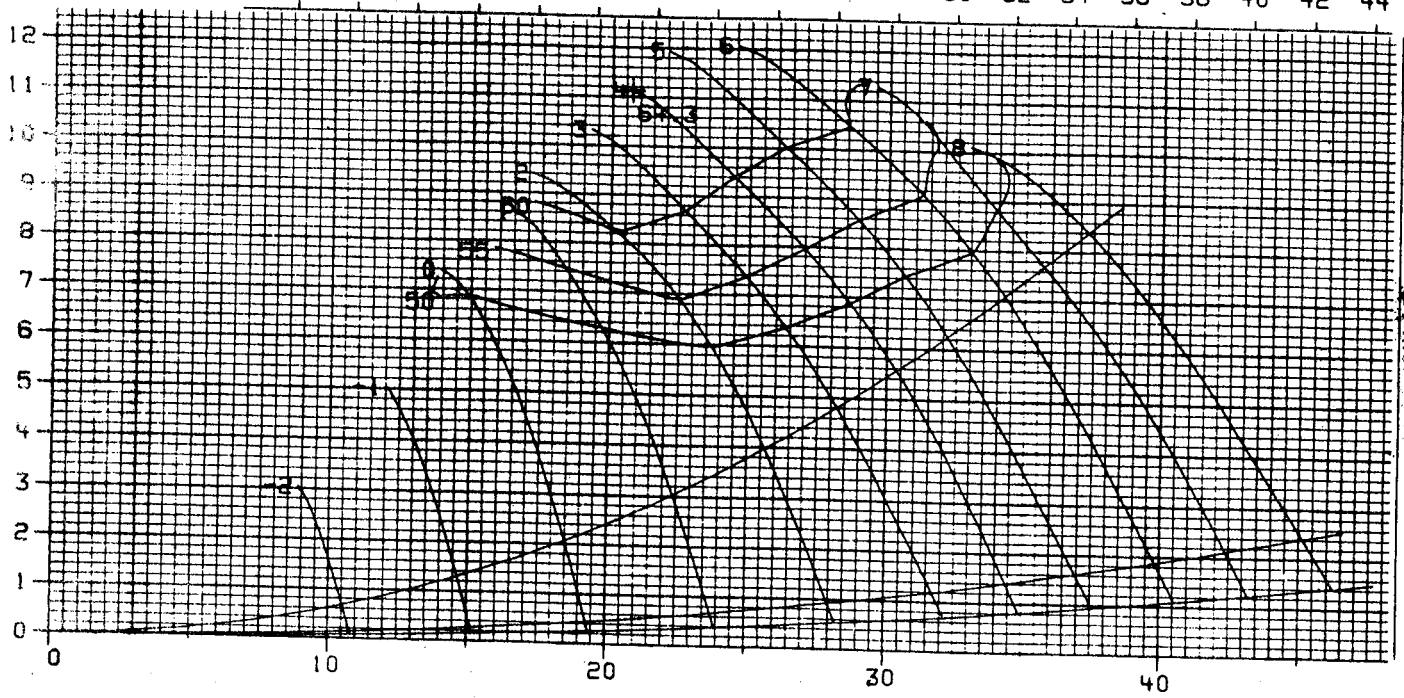
MOTOR HP	MIN.	A/4 MAX.
	50	300

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EFFECTIVE: SEPTEMBER 2019

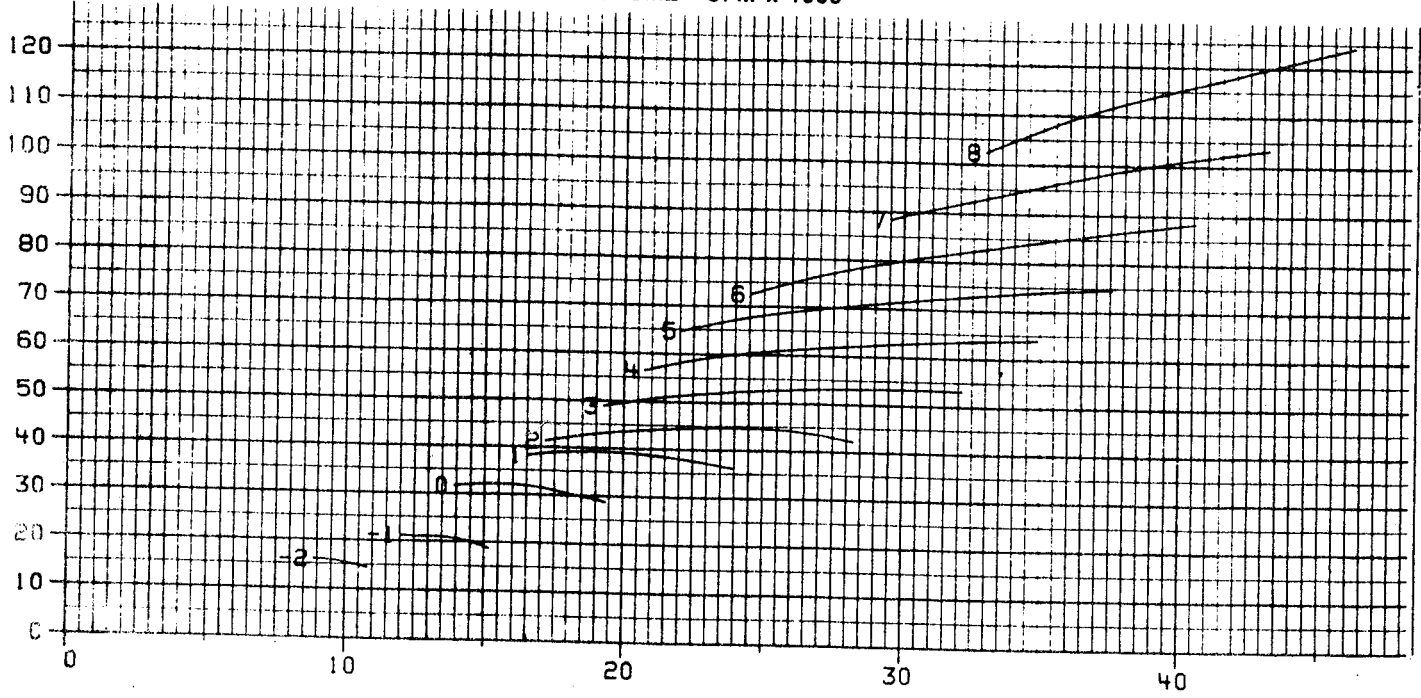
FAN OV, FPM/100 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66
 CONE OV, FPM/100 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44

TOTAL PRESSURE - INCHES WG AT 075 #/FT³



VOLUME - CFM x 1000

HORSEPOWER



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 3650-C12-1760

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	103	102	103	108	103	101	92	88	-2	97
	107	106	105	106	103	99	92	86	-1	96
	110	111	107	106	103	97	91	85	0	97
	108	110	107	106	104	99	92	84	1	97
	105	109	106	106	105	100	92	84	2	97
	106	110	108	108	107	101	93	86	3	99
	107	111	110	110	109	103	94	87	4	101
	108	112	111	111	110	104	96	89	5	102
	108	112	112	111	111	106	98	90	6	103
	108	112	113	112	112	108	100	92	7	104
MEDIUM Medium point is read at average TP/VP of low and high points	104	102	104	108	104	102	93	88	-2	98
	105	106	105	107	105	101	94	88	-1	98
	107	109	107	107	105	101	95	88	0	98
	107	110	107	107	105	100	94	87	1	98
	107	110	107	107	105	100	93	86	2	98
	106	110	108	107	106	101	94	87	3	99
	105	110	109	107	107	102	95	88	4	99
	106	111	109	108	109	104	96	89	5	101
	107	112	110	110	111	106	98	90	6	102
	108	112	111	111	112	108	99	92	7	104
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	103	103	104	109	105	103	95	90	-2	99
	104	106	106	107	105	101	94	88	-1	98
	105	108	107	107	105	99	93	87	0	97
	108	110	107	107	105	100	94	87	1	98
	110	111	107	107	106	101	95	88	2	99
	108	111	108	108	107	102	95	88	3	99
	107	110	109	108	107	103	96	89	4	100
	108	112	110	109	109	105	97	90	5	101
	109	113	112	111	111	107	99	92	6	103
	111	114	113	113	113	108	101	93	7	105
112	116	115	114	114	110	102	95	8	106	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



SIZE	4025-C12- 890	RPM	890
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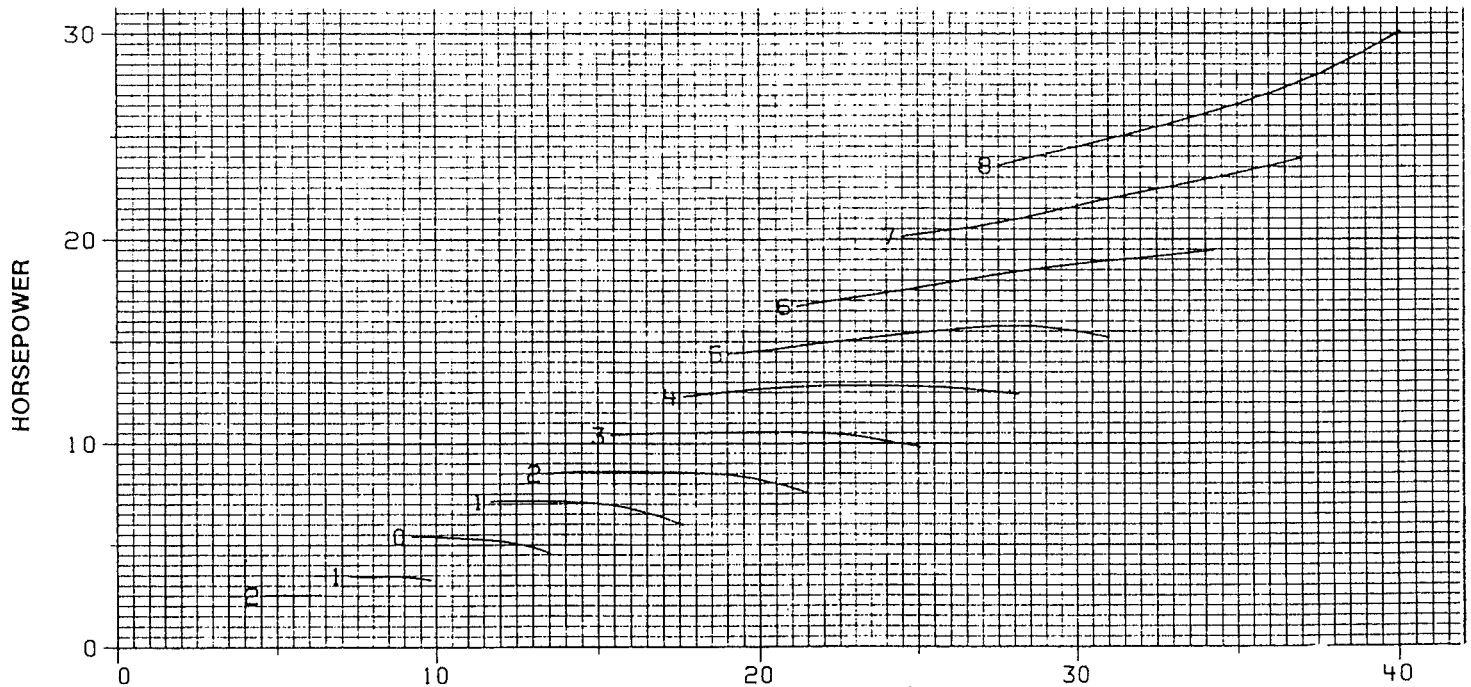
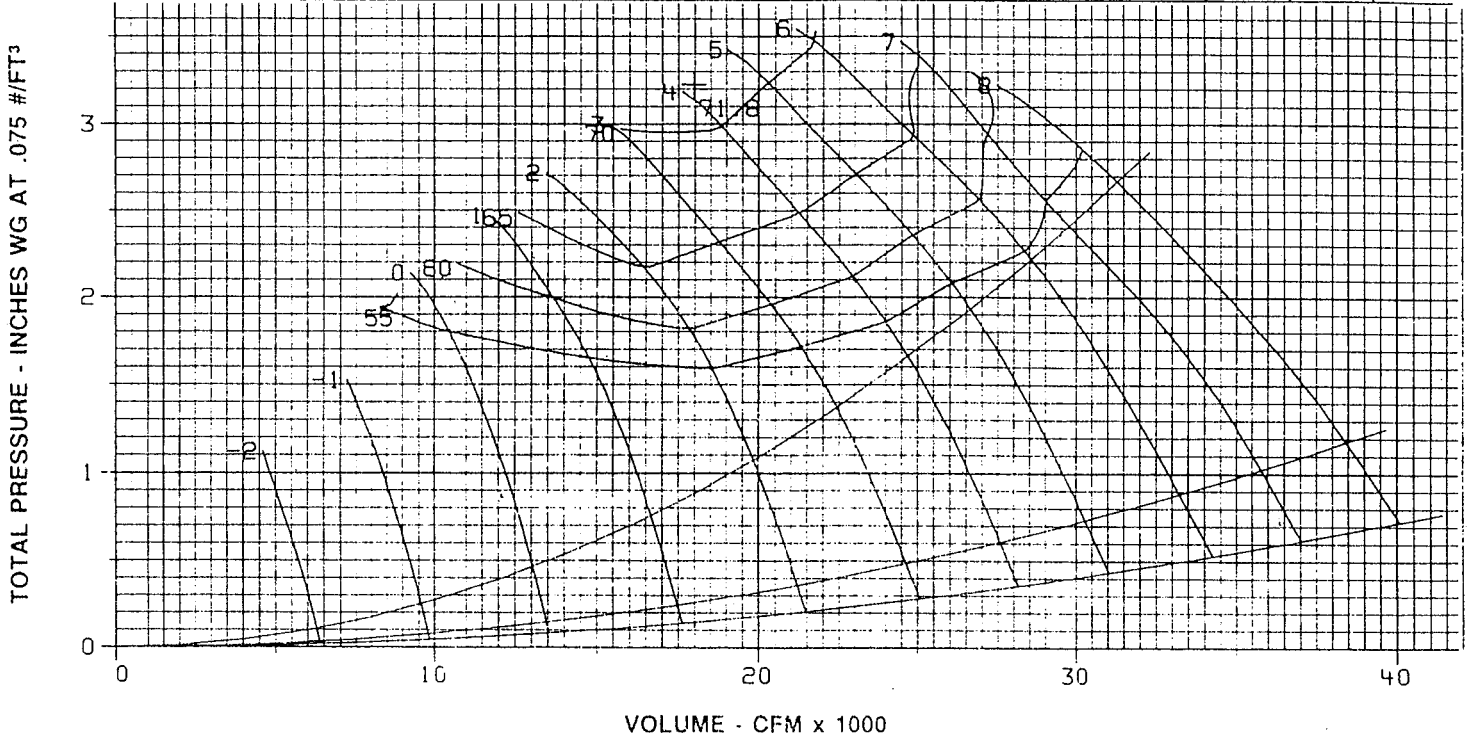
1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

PAGE 60

EFFECTIVE: SEPTEMBER 2019

MOTOR HP	MIN.	A/4 MAX.
	10	200

FAN OV, FPM/100 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46
CONE OV, FPM/100 6 8 10 12 14 16 18 20 22 24 26 28 30



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 4025-C12-890

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	87	90	95	91	88	80	74	69	-2	82
	90	91	94	91	87	80	73	67	-1	81
	94	93	94	91	86	79	72	66	0	81
	93	93	94	92	87	80	73	66	1	81
	92	93	95	93	88	81	73	66	2	82
	93	94	96	94	89	81	74	68	3	83
	94	95	97	96	89	82	75	69	4	84
	95	96	98	97	91	84	76	71	5	86
	95	97	98	98	93	85	78	72	6	87
	95	98	99	100	95	87	80	74	7	89
98	98	100	101	98	89	81	76	8	90	
MEDIUM Medium point is read at average TP/VP of low and high points	87	90	95	92	89	81	75	69	-2	82
	90	91	94	92	89	82	75	69	-1	82
	92	92	94	93	89	83	75	68	0	82
	93	93	94	92	88	82	75	68	1	82
	93	93	94	92	87	81	74	67	2	82
	93	94	94	93	88	82	75	68	3	82
	93	94	94	94	89	82	75	68	4	83
	94	95	96	96	91	84	76	70	5	85
	95	95	98	98	93	85	78	72	6	86
	96	96	100	100	95	87	79	74	7	88
99	97	102	102	97	88	81	75	8	90	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	89	92	96	93	91	83	77	70	-2	83
	90	92	94	92	89	83	76	69	-1	82
	91	92	93	92	88	82	75	68	0	82
	93	92	94	92	88	82	76	69	1	82
	94	93	94	93	89	83	76	69	2	82
	94	93	94	93	89	83	76	69	3	83
	94	94	95	94	90	84	77	69	4	84
	95	95	96	96	92	85	78	71	5	85
	96	97	98	97	93	86	79	73	6	87
	97	98	99	99	95	88	81	74	7	89
101	100	101	101	97	89	82	76	8	91	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 4025-C12-1160

RPM 1160

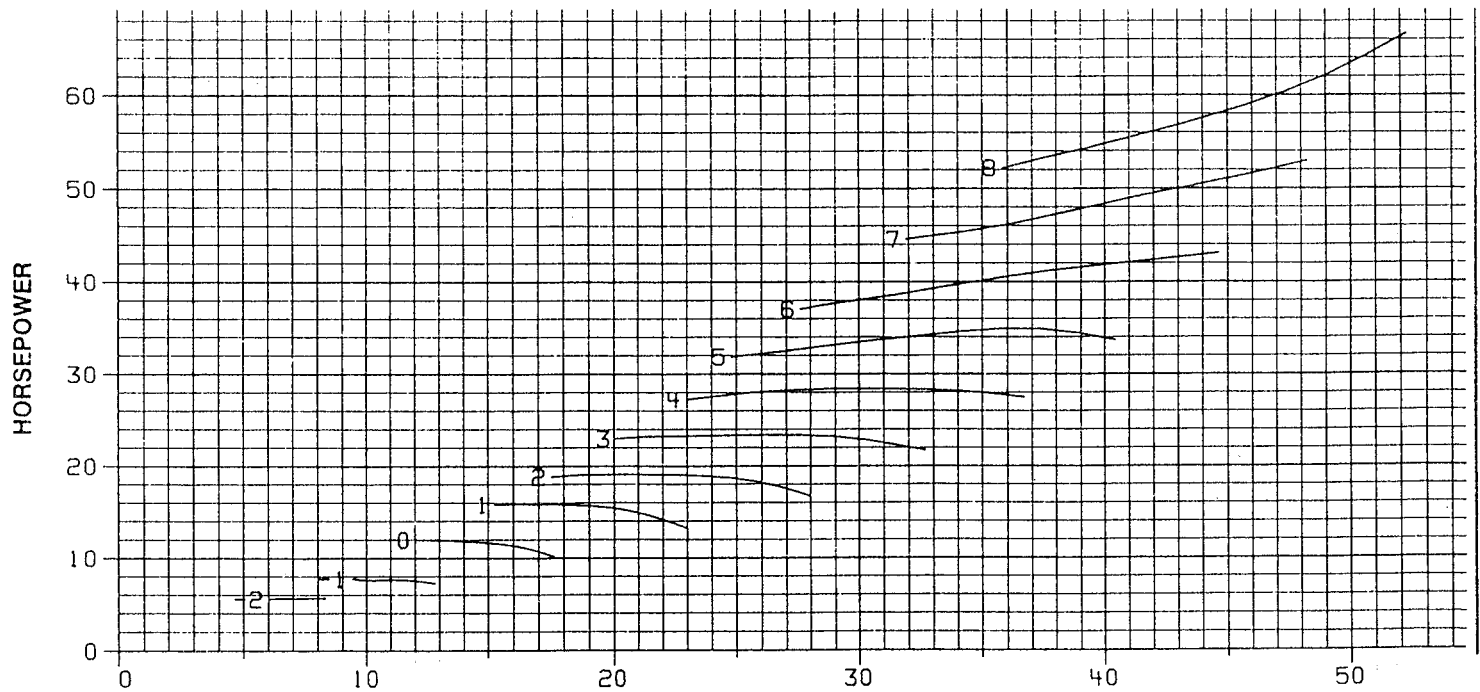
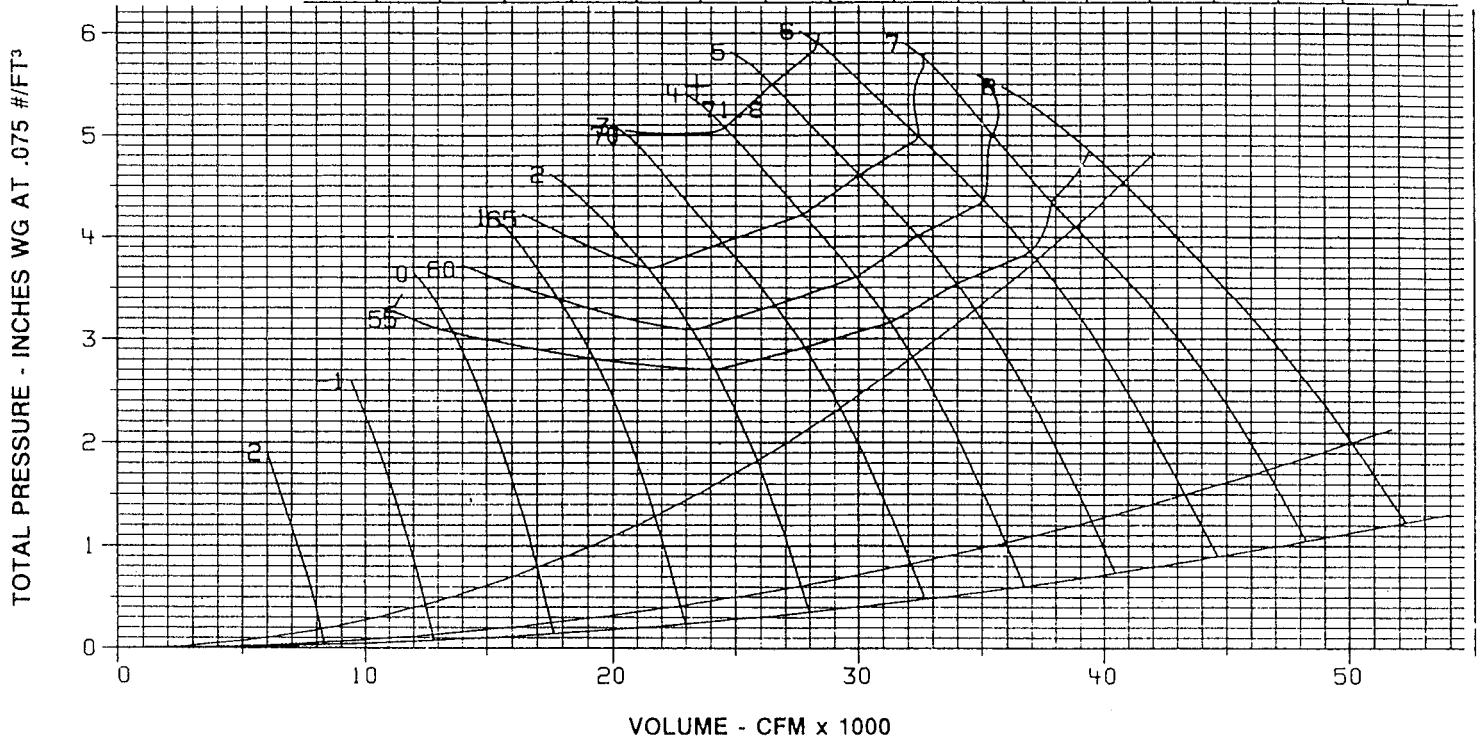
MOTOR HP	MIN.	A/4 MAX.
	20	250

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EFFECTIVE: SEPTEMBER 2019

FAN OV, FPM/100 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60

CONE OV, FPM/100 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

BULLETIN VAV-47

FAN MODEL: 4625-C12-1160

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
HIGH High point is read at peak of curve at maximum total pressure	94	95	99	99	95	89	82	77	-2	88
	98	97	99	99	94	89	81	75	-1	88
	102	99	100	99	94	88	81	74	0	88
	101	99	100	99	95	89	81	74	1	89
	100	98	101	100	96	90	81	75	2	90
	100	100	101	102	97	90	82	76	3	91
	101	101	102	103	98	90	83	77	4	92
	101	102	103	104	100	92	84	78	5	93
	101	103	104	105	102	94	86	80	6	95
	102	103	105	106	104	96	87	82	7	96
	102	104	106	107	106	98	89	84	8	98
MEDIUM Medium point is read at average TP/VP of low and high points	94	96	99	99	96	90	83	77	-2	89
	97	97	99	100	96	91	83	77	-1	89
	99	98	99	100	96	91	84	77	0	90
	100	98	100	99	96	90	83	76	1	89
	100	98	100	99	96	89	82	76	2	89
	100	99	100	100	96	90	83	76	3	90
	99	101	100	101	97	91	84	77	4	90
	100	101	101	103	99	92	85	78	5	92
	101	102	101	104	102	94	86	80	6	94
	102	102	102	106	104	96	87	82	7	96
	104	103	103	109	106	97	89	89	8	98
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	95	97	100	100	97	92	85	79	-2	90
	97	98	99	100	96	91	84	77	-1	89
	98	98	99	99	95	91	84	76	0	89
	101	98	99	99	96	91	84	77	1	89
	103	98	103	100	96	91	84	78	2	90
	102	99	103	100	97	91	85	78	3	90
	101	100	103	101	98	92	85	78	4	91
	102	101	102	102	100	93	86	79	5	92
	103	103	103	104	102	95	87	81	6	94
	104	104	105	105	104	96	89	83	7	96
	105	105	107	107	106	98	90	84	8	98

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

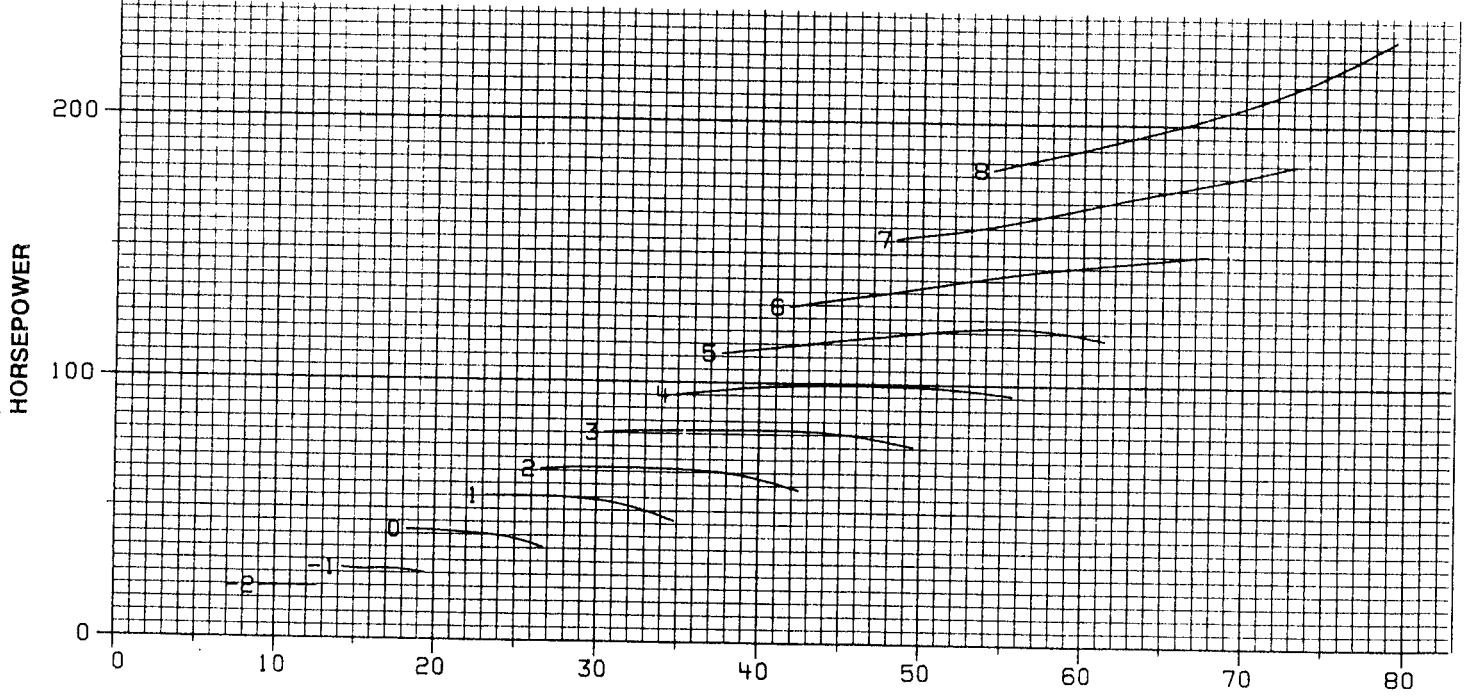
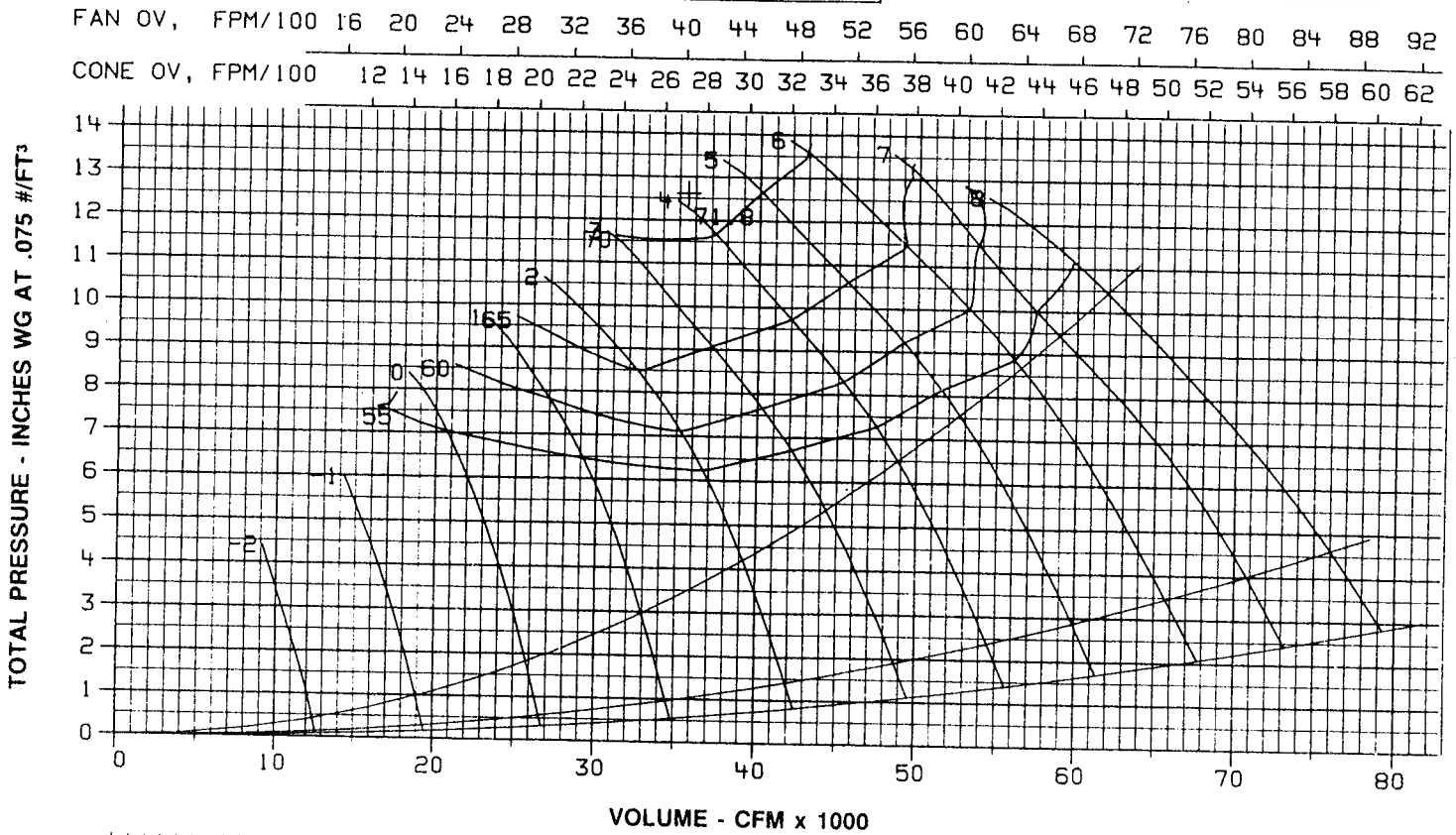
SIZE 4025-C12-1760

RPM 1760

MOTOR HP	MIN.	A/4 MAX.
	60	300

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EFFECTIVE: SEPTEMBER 2019



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 4025-C12-1760

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	105	104	106	109	106	103	95	89	-2	99
	108	108	107	108	106	101	95	88	-1	99
	110	112	109	108	106	101	94	87	0	99
	109	111	109	109	107	102	95	87	1	100
	107	110	109	109	107	103	95	88	2	100
	108	111	110	110	109	103	96	89	3	101
	108	112	111	111	110	104	96	89	4	102
	108	112	112	112	112	105	98	91	5	104
	109	113	113	113	113	108	100	92	6	105
	109	113	113	114	114	110	102	94	7	106
109	111	114	115	116	112	104	96	8	108	
MEDIUM Medium point is read at average TP/VP of low and high points	105	105	106	110	110	104	96	90	-2	100
	106	107	107	109	110	103	97	90	-1	100
	107	110	108	109	110	103	97	90	0	100
	107	110	108	109	110	103	96	89	1	100
	108	111	109	109	110	102	96	89	2	100
	107	111	109	109	108	103	96	89	3	100
	106	111	110	109	108	104	97	90	4	101
	107	111	111	110	110	106	98	91	5	102
	108	112	111	112	112	108	100	92	6	104
	110	113	112	113	114	110	101	94	7	106
111	110	113	114	117	112	103	96	8	108	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	105	106	108	111	108	105	98	91	-2	101
	106	108	108	109	107	104	97	90	-1	100
	106	109	108	108	107	102	97	90	0	99
	108	111	108	108	107	103	97	90	1	100
	110	112	108	109	107	103	97	91	2	100
	109	112	109	109	108	104	98	91	3	101
	108	112	110	110	109	105	98	91	4	101
	109	113	111	111	110	106	100	93	5	103
	110	114	112	112	112	108	101	94	6	104
	111	115	114	114	114	100	102	95	7	106
113	113	116	116	116	112	104	97	8	108	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600
PAGE 63

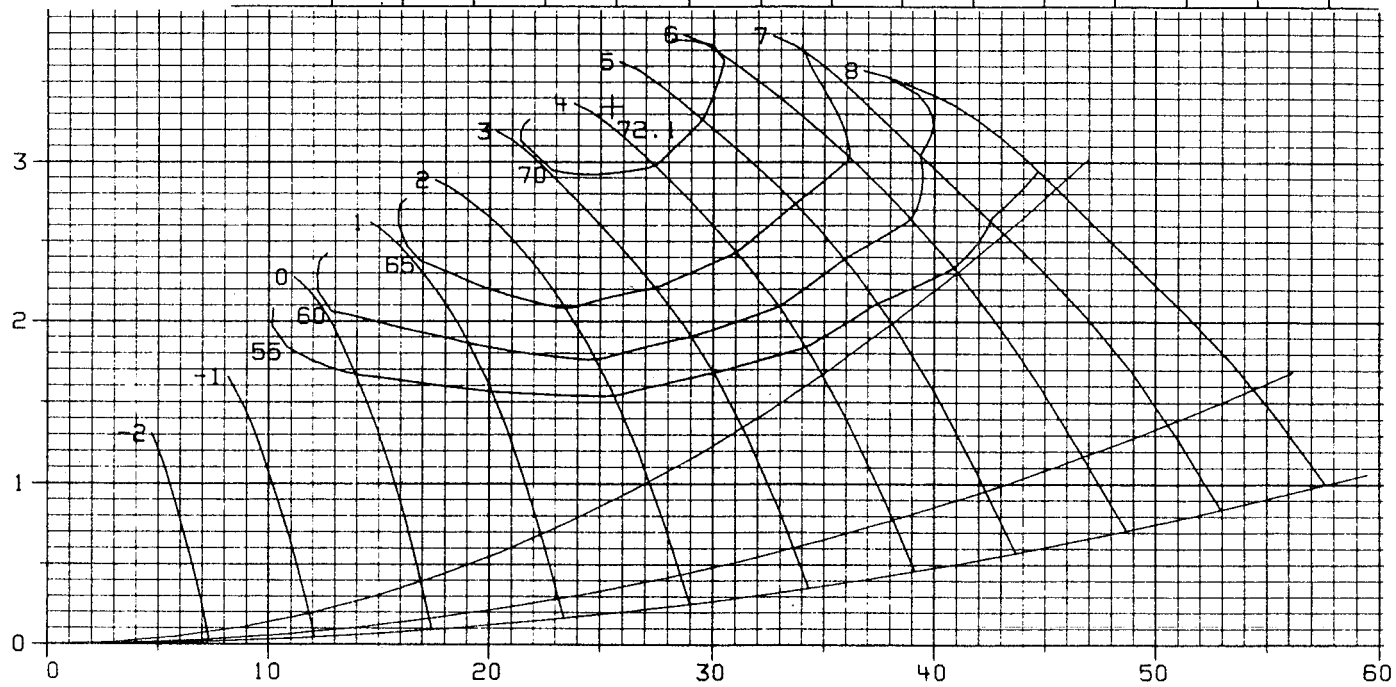
SIZE 4450-C12- 890 RPM 890

MOTOR HP	MIN.	A/4 MAX.
	15	200

EFFECTIVE: SEPTEMBER 2019

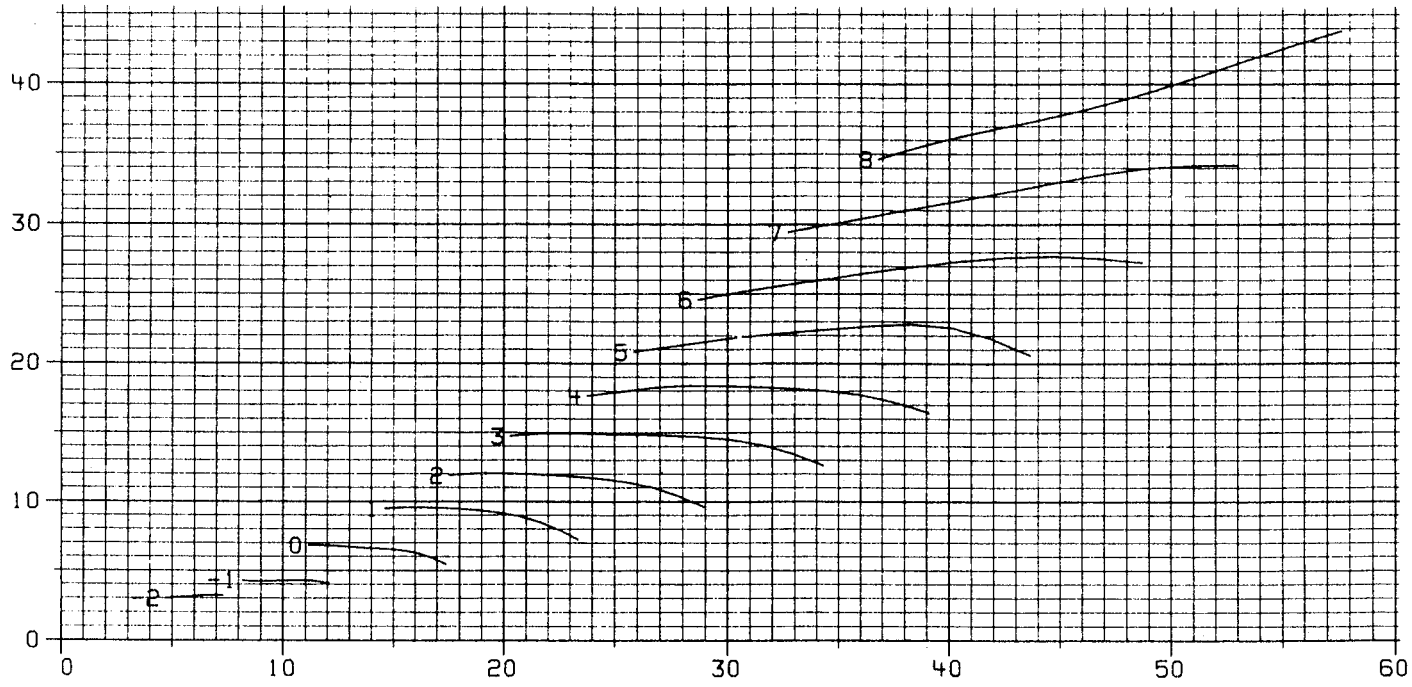
FAN OV, FPM/100 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54
 CONE OV, FPM/100 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



VOLUME - CFM x 1000

HORSEPOWER



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.

BULLETIN VAV-47

FAN MODEL: 4450-C12-890

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
HIGH High point is read at peak of curve at maximum total pressure	90	93	96	94	91	83	76	70	-2	84
	92	94	96	94	90	83	76	69	-1	84
	95	95	96	95	89	82	75	68	0	84
	95	95	97	95	90	83	76	69	1	84
	94	96	98	95	91	84	76	70	2	85
	95	96	98	96	91	84	77	70	3	85
	95	96	98	97	91	84	77	71	4	86
	95	97	99	99	93	85	79	73	5	87
	96	98	100	100	95	87	80	75	6	89
	96	99	102	102	97	89	82	77	7	91
	99	99	103	104	100	91	84	79	8	93
MEDIUM Medium point is read at average TP/VP of low and high points	90	93	96	94	91	84	76	71	-2	84
	91	93	95	95	91	85	76	70	-1	84
	93	93	95	95	91	85	76	70	0	85
	93	94	96	94	94	84	76	70	1	84
	93	94	96	94	94	84	76	70	2	84
	94	95	96	94	94	84	76	70	3	84
	94	95	97	95	95	84	78	71	4	85
	95	96	98	97	97	85	79	73	5	86
	95	97	99	99	99	87	80	75	6	88
	96	97	100	102	102	89	82	77	7	90
	100	98	102	104	104	91	84	79	8	93
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	92	95	98	96	93	86	78	71	-2	86
	92	94	96	95	92	86	78	71	-1	85
	92	93	95	94	91	86	78	70	0	84
	93	94	95	94	91	86	79	71	1	84
	95	94	96	94	91	85	79	71	2	84
	95	95	96	95	91	86	79	72	3	85
	95	96	97	95	92	86	79	72	4	85
	96	96	98	97	93	87	80	73	5	87
	97	97	99	98	95	88	81	75	6	88
	98	99	101	100	97	90	83	77	7	90
	101	101	103	103	99	92	85	79	8	92

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600
PAGE 64

SIZE 4450-C12-1160

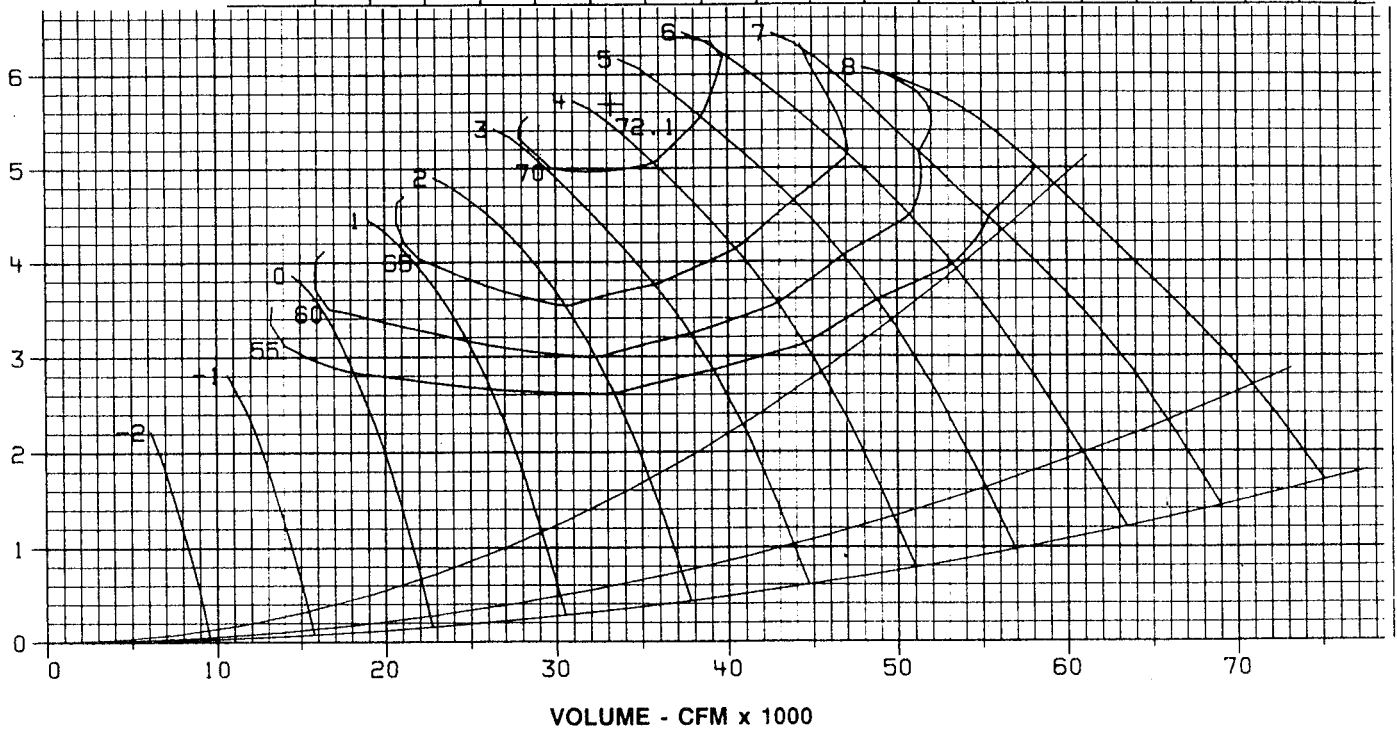
RPM 1160

MOTOR HP	MIN.	A/4 MAX.
	25	250

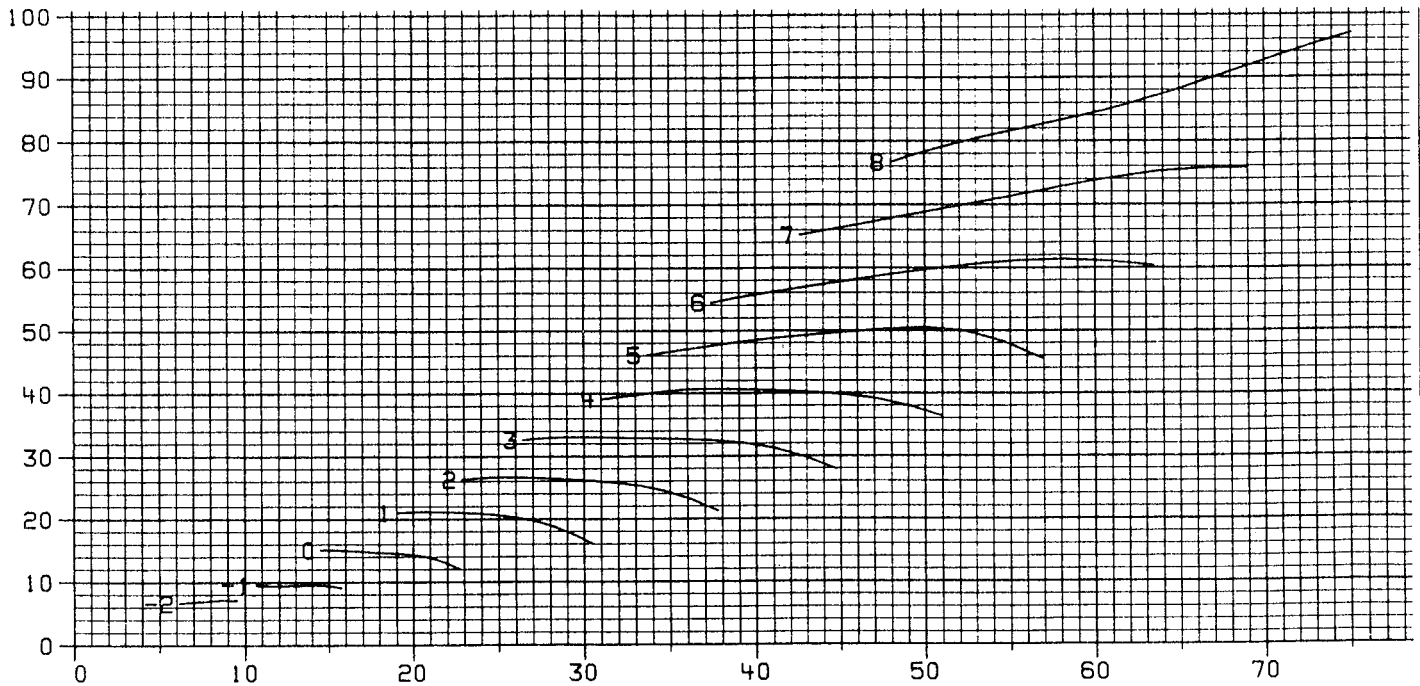
EFFECTIVE: SEPTEMBER 2019

FAN OV, FPM/100 16 20 24 28 32 36 40 44 48 52 56 60 64 68 72
 CONE OV, FPM/100 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



HORSEPOWER



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 4450-C12-1160

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	97	98	101	101	98	93	84	78	-2	91
	100	99	101	102	97	92	84	77	-1	91
	102	101	101	101	98	91	83	77	0	91
	102	101	103	102	98	92	84	77	1	92
	102	100	105	102	99	93	85	78	2	92
	102	101	104	103	99	93	85	79	3	93
	102	102	104	105	99	92	85	79	4	93
	102	103	105	106	102	94	87	81	5	95
	102	103	105	107	104	96	88	83	6	97
	103	104	106	109	106	98	90	85	7	98
104	105	107	110	108	101	92	87	8	100	
MEDIUM Medium point is read at average TP/VP of low and high points	97	98	101	101	98	93	85	79	-2	91
	99	98	100	102	98	94	85	79	-1	91
	100	99	100	102	99	94	86	79	0	92
	101	99	101	101	98	93	86	78	1	91
	101	99	103	100	98	92	85	78	2	91
	101	100	102	101	98	92	86	79	3	91
	100	101	102	102	99	93	86	79	4	92
	101	102	103	104	101	94	87	81	5	94
	102	102	104	106	103	96	88	82	6	96
	104	103	105	109	106	98	90	84	7	98
105	105	106	111	108	100	92	86	8	100	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	99	101	103	103	100	95	87	80	-2	93
	99	100	102	102	99	95	87	79	-1	92
	99	99	101	101	98	94	87	79	0	91
	101	99	101	101	98	94	87	80	1	91
	103	99	102	101	98	93	87	80	2	91
	103	100	102	102	99	94	87	80	3	92
	102	101	103	102	99	94	88	80	4	92
	103	102	104	103	101	95	89	82	5	94
	104	103	105	105	103	96	90	83	6	95
	105	104	107	107	105	98	91	85	7	97
106	107	109	109	108	100	92	87	8	100	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 4450-C12-1760

RPM 1760

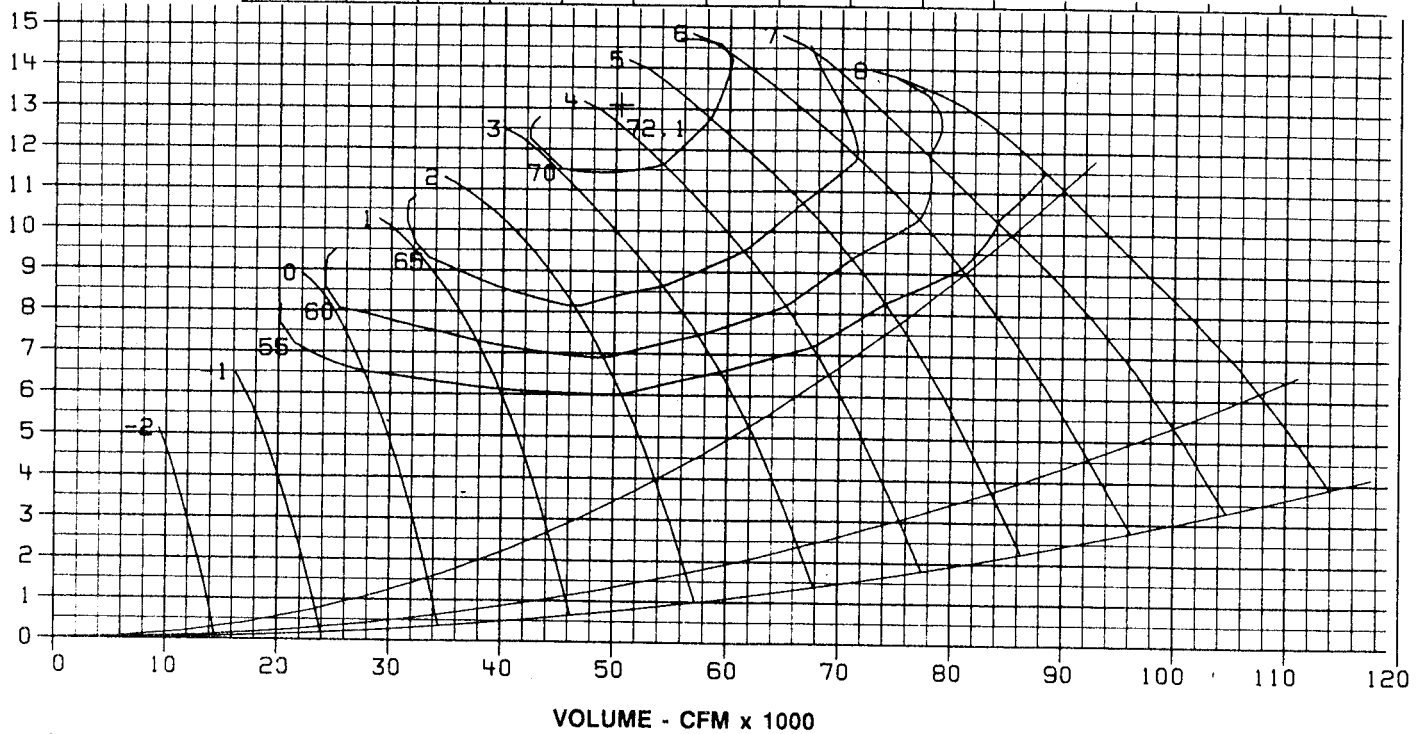
MOTOR HP	MIN.	A/4 MAX.
	75	300

PAGE 65

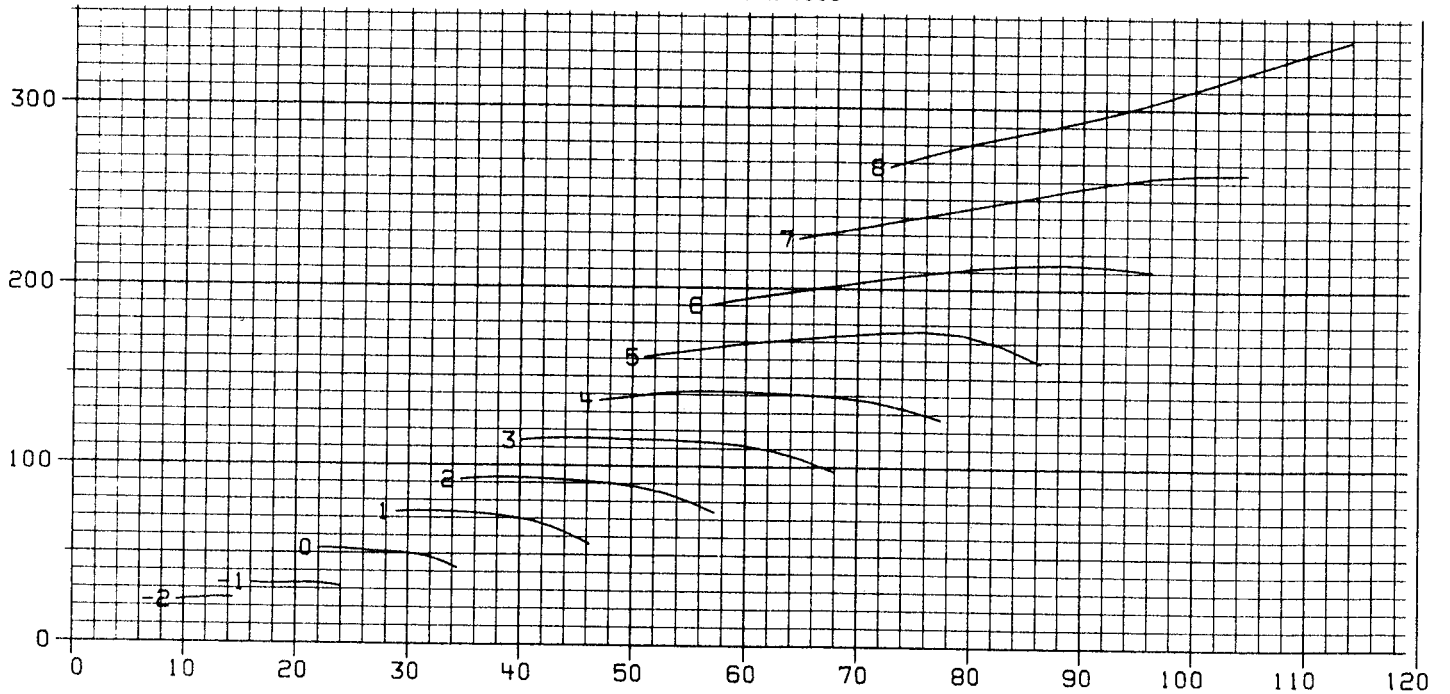
EFFECTIVE: SEPTEMBER 2019

FAN OV, FPM/100 20 24 28 32 36 40 44 48 52 56 60 64 68 72 76 80 84 88 92 96 100 104 108
 CONE OV, FPM/100 16 20 24 28 32 36 40 44 48 52 56 60 64 68 72

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



HORSEPOWER



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 4450-C12-1760

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	107	107	108	111	109	106	98	91	-2	102
	109	110	109	111	109	105	98	90	-1	102
	110	113	111	111	109	104	97	90	0	102
	110	113	111	112	110	105	98	90	1	102
	109	112	111	113	110	106	99	91	2	103
	109	112	112	113	111	106	99	92	3	103
	109	113	112	113	112	106	99	92	4	104
	109	113	113	114	113	108	100	93	5	105
	110	114	114	115	115	110	102	95	6	107
	110	114	114	116	117	112	104	97	7	108
MEDIUM Medium point is read at average TP/VP of low and high points	111	111	115	118	119	114	106	99	8	110
	107	107	108	111	109	106	98	91	-2	102
	107	109	109	110	110	106	99	92	-1	102
	108	110	109	110	110	106	100	92	0	102
	108	111	110	110	109	105	99	92	1	102
	109	111	110	111	108	104	98	92	2	101
	108	111	111	111	109	105	99	92	3	102
	108	112	111	111	110	105	99	92	4	102
	109	112	112	112	112	107	100	94	5	104
	110	113	112	114	114	109	102	95	6	106
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	111	114	113	115	117	112	104	97	7	108
	112	111	114	117	119	114	106	99	8	110
	108	110	111	113	110	107	100	93	-2	103
	107	110	110	111	110	106	101	93	-1	102
	106	110	109	110	109	106	100	93	0	102
	108	111	109	110	109	106	100	93	1	102
	110	112	110	110	109	105	100	93	2	102
	110	113	111	111	110	106	100	94	3	102
	109	113	111	111	110	106	101	94	4	103
	110	114	112	113	112	108	102	95	5	104
	111	114	113	114	113	109	103	96	6	105
112	116	115	116	115	112	105	98	7	108	
113	113	117	118	118	114	106	99	8	110	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4

CHICAGO BLOWER CORPORATION

1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 4900-012- 890

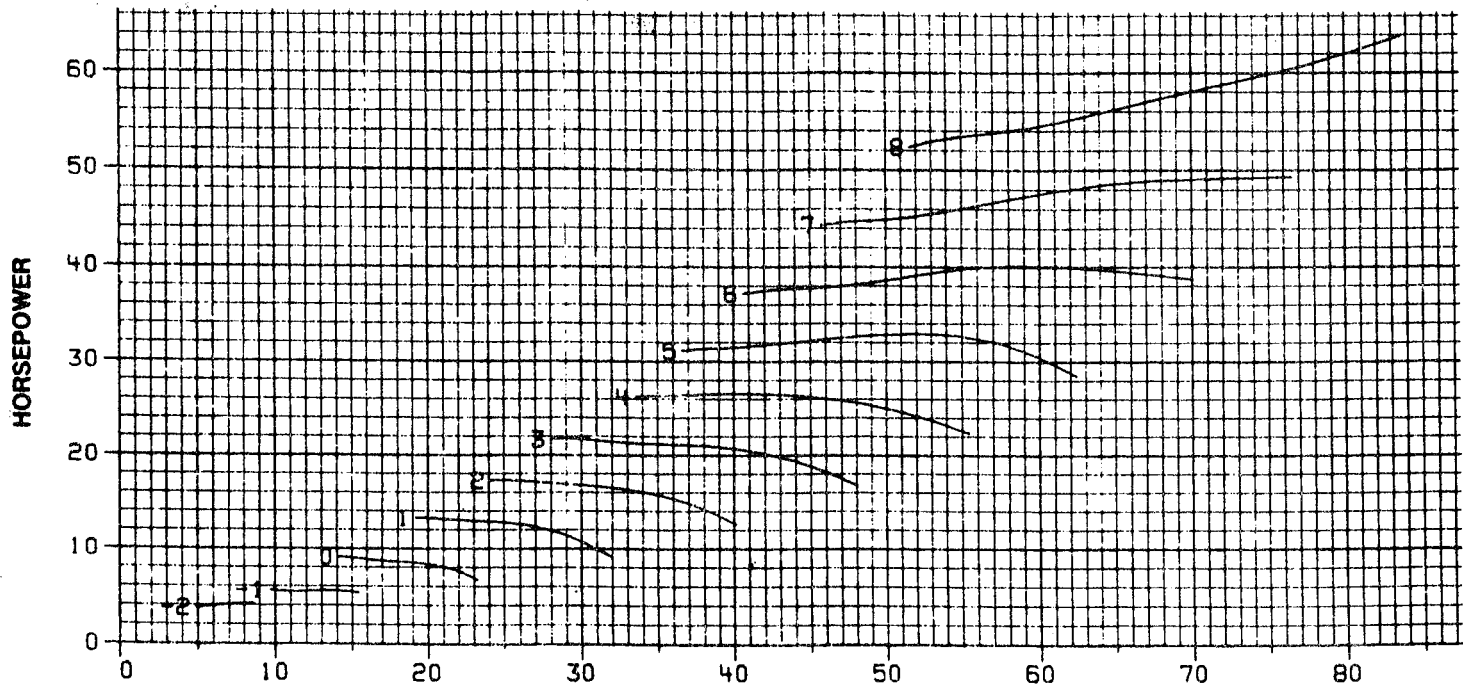
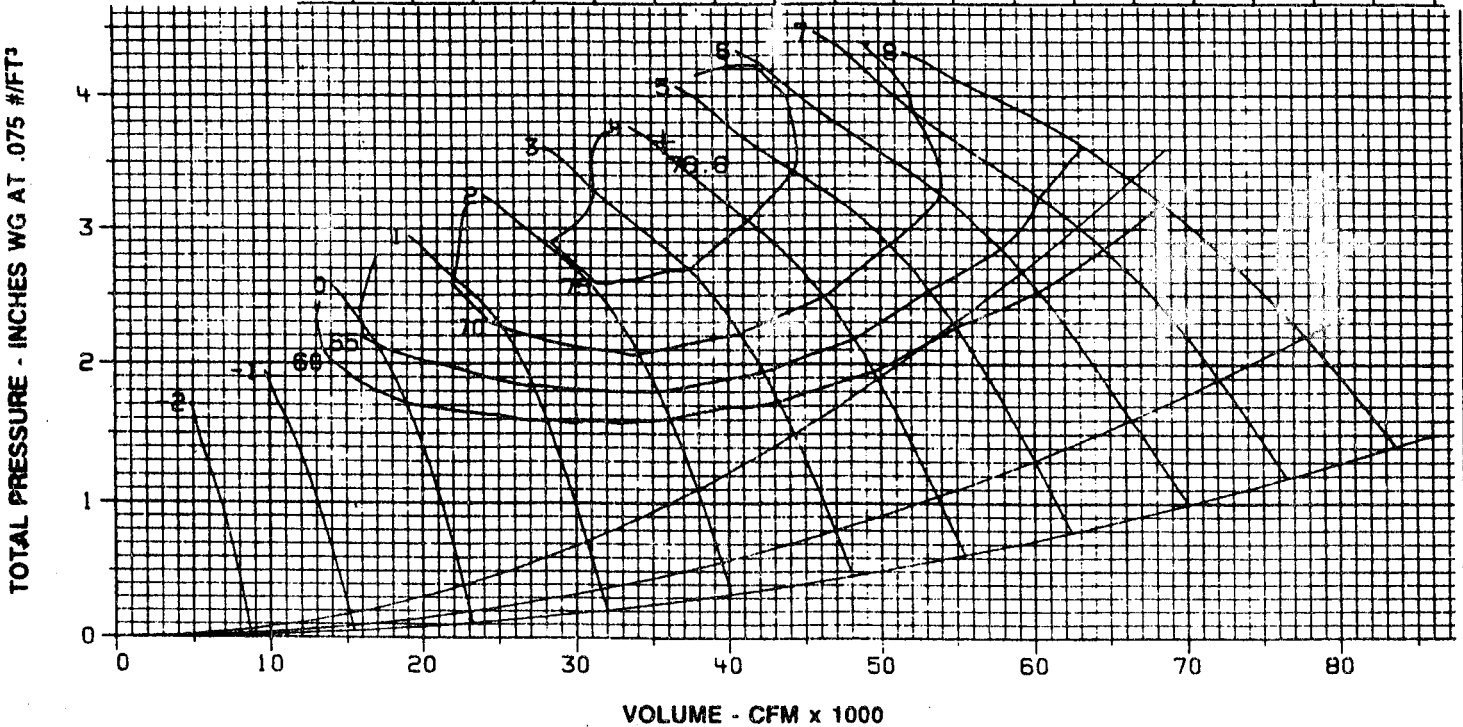
RPM 890

PAGE 66

MOTOR HP	MIN.	A/4 MAX.
	15	200

EFFECTIVE: SEPTEMBER 2019

FAN OV, FPM/100 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66
 CONE OV, FPM/100 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct

FAN MODEL: 4900-C12-890

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	93	95	97	97	93	86	78	71	-2	86
	95	95	98	97	93	86	78	70	-1	86
	96	96	98	98	92	85	77	70	0	86
	96	97	99	97	93	86	79	71	1	87
	96	98	101	97	94	87	80	72	2	87
	96	97	100	97	93	87	80	73	3	87
	96	97	100	98	92	86	79	72	4	87
	96	97	101	100	94	87	81	76	5	89
	97	98	102	102	96	89	82	78	6	90
	98	99	103	104	99	91	84	80	7	93
102	99	105	106	101	93	86	82	8	95	
MEDIUM Medium point is read at average TP/VP of low and high points	93	94	97	97	93	86	78	71	-2	86
	93	94	97	97	94	87	79	71	-1	86
	94	94	96	97	94	88	79	71	0	87
	94	94	97	96	93	87	79	72	1	86
	94	95	97	95	92	86	80	72	2	85
	95	96	98	95	92	86	80	73	3	85
	95	96	98	96	92	86	80	73	4	86
	96	97	99	98	94	87	81	75	5	88
	97	97	100	100	96	89	82	77	6	89
	98	98	102	104	98	91	84	79	7	92
102	99	104	107	101	93	86	82	8	95	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	96	98	100	98	95	88	80	72	-2	88
	94	96	98	97	94	89	81	72	-1	87
	93	94	96	96	94	89	82	73	0	87
	94	94	96	96	93	89	81	73	1	86
	95	95	97	95	93	88	81	73	2	86
	96	95	97	96	93	88	81	73	3	86
	96	96	98	96	93	88	81	74	4	87
	97	97	99	97	94	89	82	76	5	88
	97	98	100	99	95	90	83	77	6	89
	99	99	102	101	98	92	85	80	7	91
102	101	105	104	100	93	87	82	8	94	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV

VANEAXIAL FAN
ADJUSTABLE PITCH
CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 4900-C12-1160

RPM 1160

MOTOR HP	MIN.	A/4 MAX.
	30	250

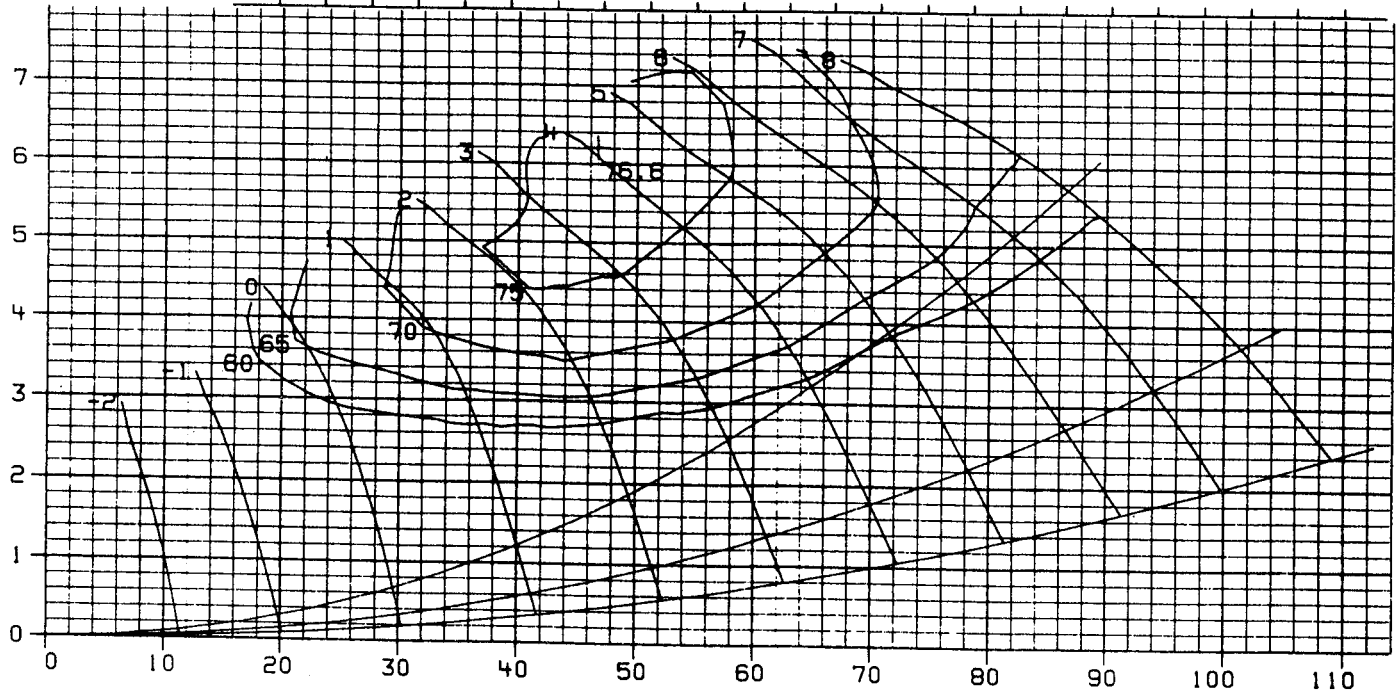
PAGE 67

EFFECTIVE: SEPTEMBER 1991

FAN OV, FPM/100 16 20 24 28 32 36 40 44 48 52 56 60 64 68 72 76 80 84

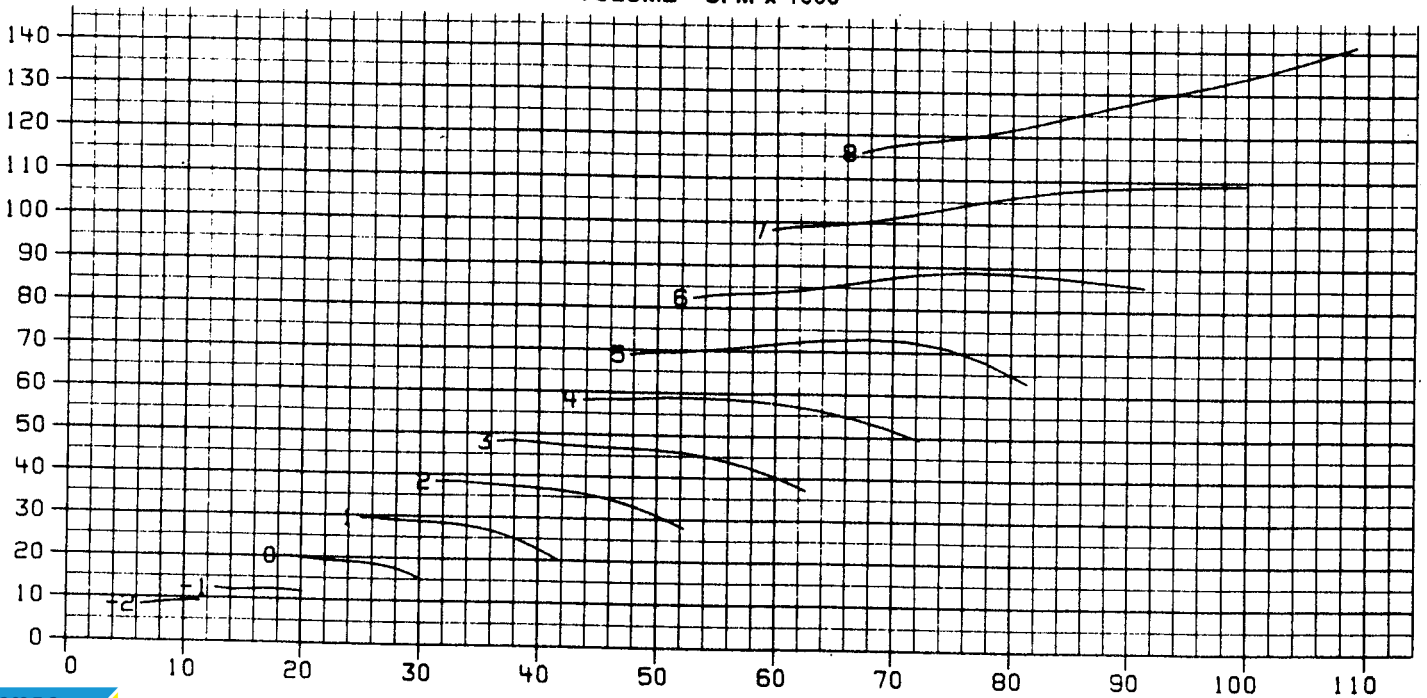
CONE OV, FPM/100 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



VOLUME - CFM x 1000

HORSEPOWER



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 4900-C12-1160

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	100	100	103	103	100	96	87	79	-2	93
	102	101	103	104	100	95	86	79	-1	94
	103	103	103	105	101	94	86	79	0	94
	104	102	106	104	101	95	87	80	1	94
	104	101	109	104	102	96	88	81	2	95
	104	101	107	105	101	95	88	81	3	94
	103	101	105	106	100	94	88	81	4	94
	103	102	106	107	102	96	88	83	5	96
	104	103	107	109	105	97	89	85	6	98
	105	103	108	111	108	100	91	87	7	100
106	104	109	114	110	103	94	89	8	103	
MEDIUM Medium point is read at average TP/VP of low and high points	100	99	102	103	100	96	87	80	-2	93
	101	99	101	103	101	96	87	80	-1	94
	101	99	101	103	102	96	88	80	0	94
	102	99	103	102	100	95	88	80	1	93
	102	99	104	101	99	94	88	81	2	92
	102	100	105	102	99	94	88	81	3	93
	102	101	104	103	99	94	88	81	4	93
	103	102	105	105	102	96	89	83	5	95
	104	102	106	108	104	97	89	85	6	97
	105	103	107	111	107	100	92	87	7	100
107	103	108	114	110	102	94	89	8	103	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	103	103	106	105	102	97	89	81	-2	95
	101	101	103	104	101	98	90	81	-1	94
	99	99	101	102	101	98	91	82	0	94
	101	99	102	102	101	97	90	82	1	93
	103	99	103	102	100	96	90	82	2	93
	104	100	104	103	100	96	90	82	3	93
	104	101	104	103	100	96	90	82	4	94
	104	102	105	104	102	97	91	84	5	95
	105	102	106	105	103	98	91	85	6	96
	106	104	108	108	106	100	93	87	7	98
107	105	111	110	108	102	94	89	8	101	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

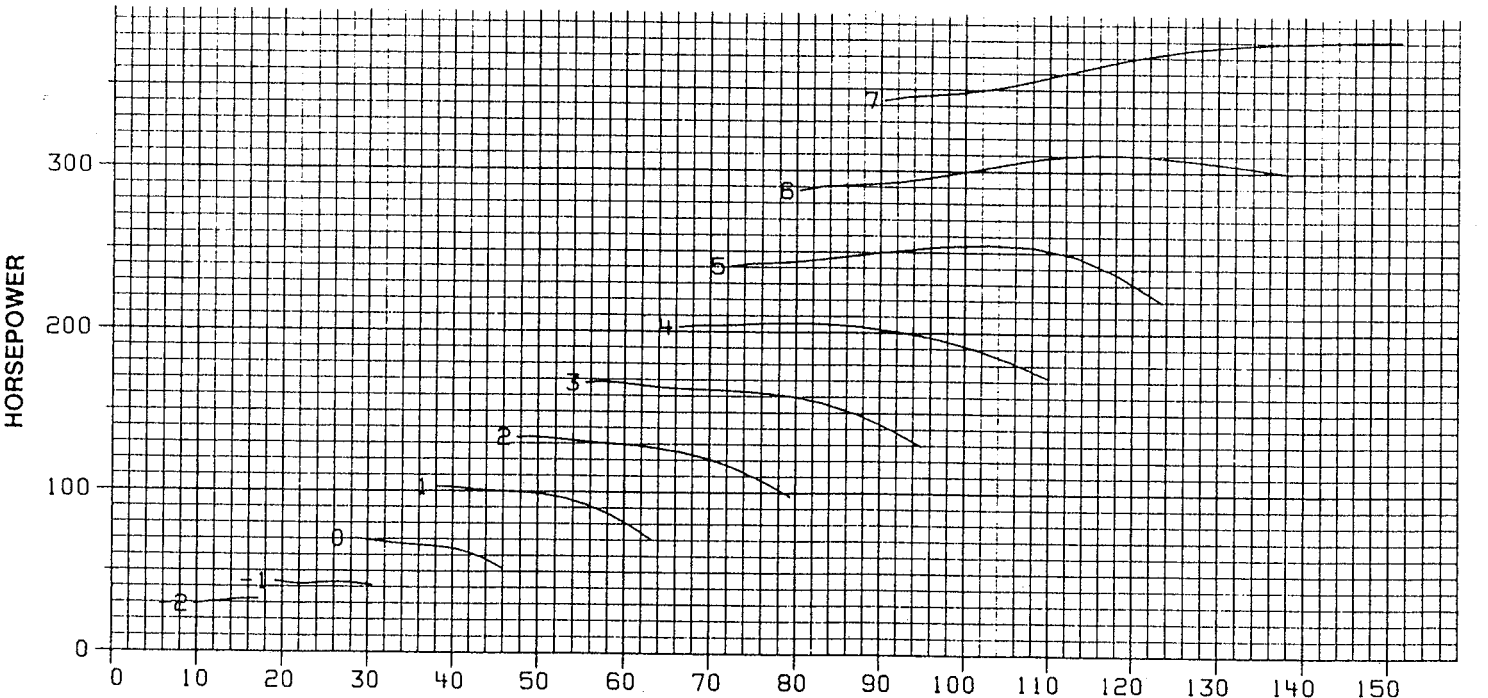
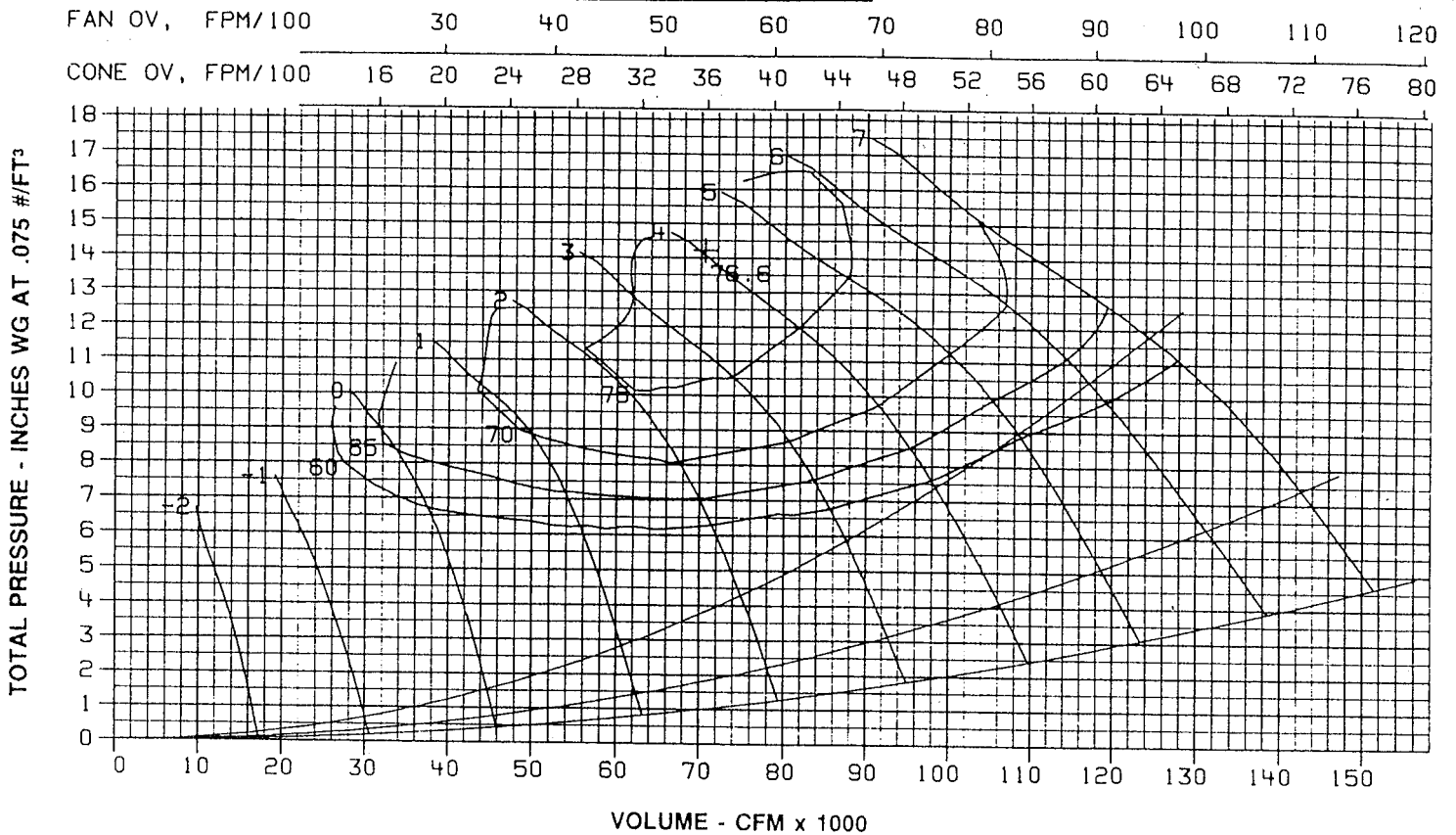
SIZE 4900-C12-1760

RPM 1760

MOTOR HP	MIN.	A/4 MAX.
	100	300

PAGE 68

EFFECTIVE: SEPTEMBER 2019



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 4900-C12-1760

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA	
Octave Band:	1	2	3	4	5	6	7	8			
Center Frequency:	63	125	250	500	1000	2000	4000	8000			
TP/VP											
HIGH High point is read at peak of curve at maximum total pressure	109	110	111	112	111	108	101	93	-2	104	
	110	112	111	113	112	107	100	92	-1	104	
	111	113	112	113	112	107	100	92	0	104	
	111	113	113	114	112	108	101	93	1	105	
	112	113	114	116	112	108	102	94	2	105	
	111	113	113	115	112	107	101	94	3	105	
	110	113	113	114	112	106	101	94	4	105	
	110	113	113	116	114	109	102	95	5	106	
	111	114	114	117	116	111	103	97	6	108	
	112	115	115	118	119	114	106	99	7	110	
								8			
MEDIUM Medium point is read at average TP/VP of low and high points	109	110	110	112	111	108	101	93	-2	104	
	109	110	110	111	112	108	102	93	-1	104	
	108	110	110	111	112	109	102	94	0	104	
	109	111	110	111	111	107	102	94	1	103	
	110	111	111	112	110	106	101	94	2	103	
	110	112	111	113	110	106	101	94	3	103	
	109	112	112	113	111	106	101	95	4	104	
	110	113	113	114	113	108	102	96	5	105	
	111	113	113	115	115	110	103	97	6	107	
	112	115	114	117	118	113	106	99	7	110	
								8			
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	111	113	114	115	113	109	103	95	-2	106	
	109	111	112	113	112	109	104	95	-1	105	
	107	110	110	111	111	109	104	96	0	104	
	109	111	110	111	110	108	103	96	1	103	
	111	112	110	112	110	107	102	96	2	103	
	111	113	111	112	111	107	103	96	3	104	
	111	113	112	113	111	108	103	96	4	104	
	111	114	113	114	112	109	103	97	5	105	
	112	114	113	115	113	110	104	98	6	106	
	113	115	115	117	116	113	106	100	7	109	
								8			

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT

4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600
PAGE 69

SIZE 5425-C12- 890

RPM 890

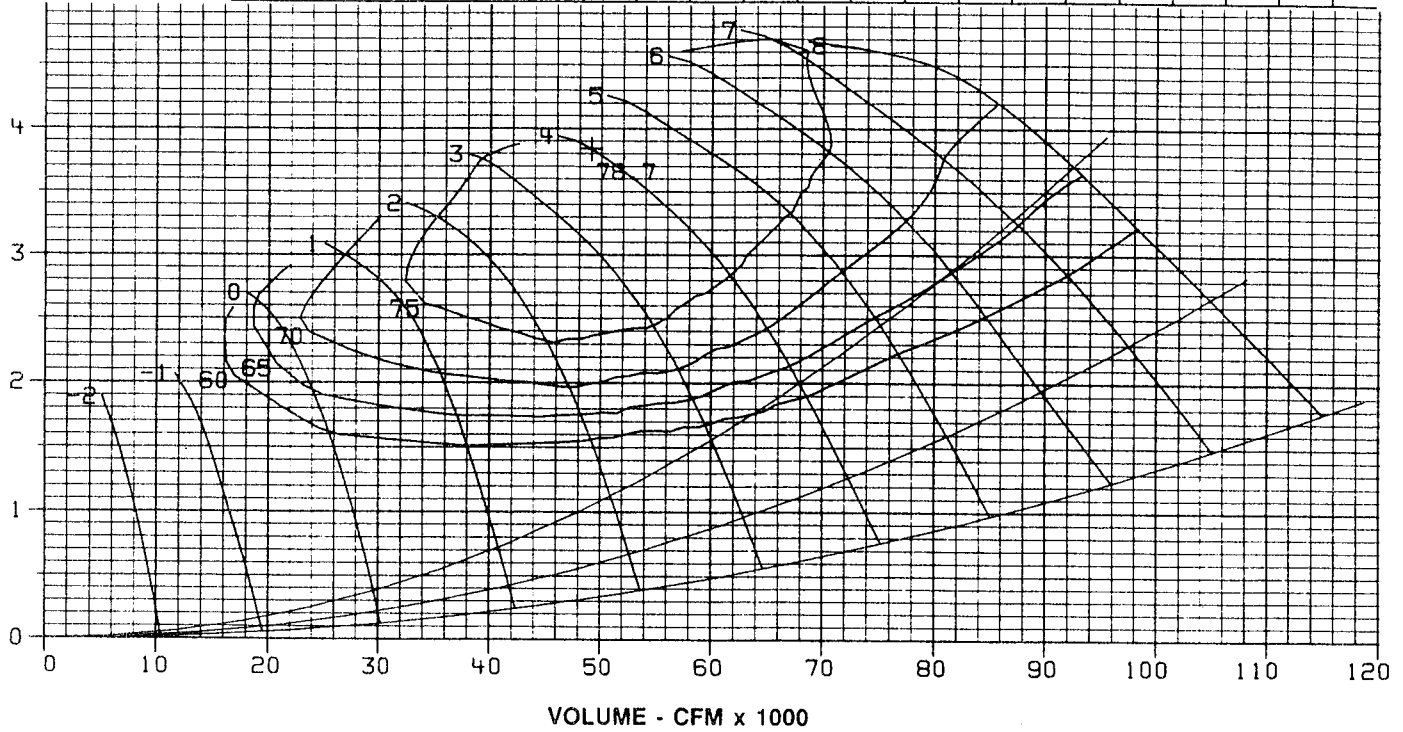
MOTOR HP	MIN.	A/4 MAX.
	20	200

EFFECTIVE: SEPTEMBER 2019

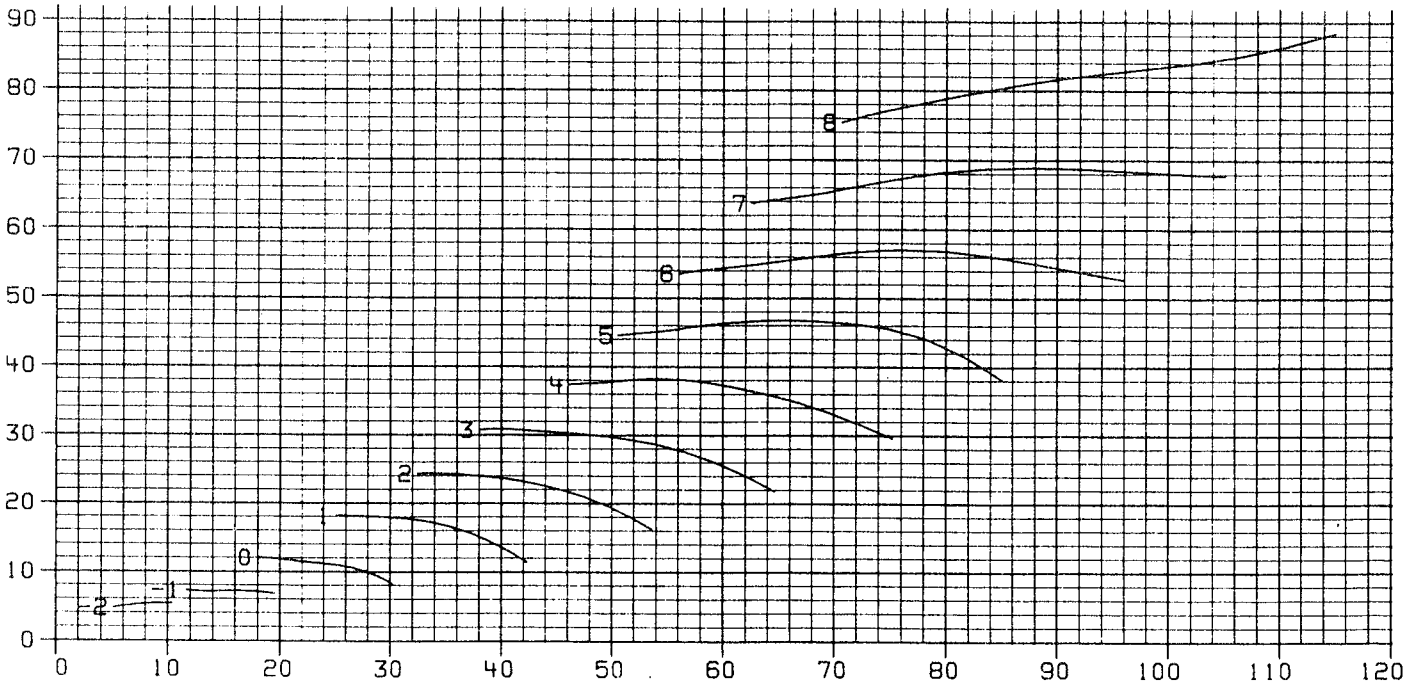
FAN OV, FPM/100 16 20 24 28 32 36 40 44 48 52 56 60 64 68 72

CONE OV, FPM/100 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



HORSEPOWER



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

BULLETIN VAV-47

FAN MODEL: 5425-C12-890

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	96	97	99	99	96	89	80	72	-2	89
	96	97	100	100	96	89	80	72	-1	89
	97	98	100	101	96	88	80	72	0	89
	97	99	102	100	96	90	82	74	1	90
	98	101	104	99	97	91	83	76	2	90
	97	99	103	99	95	89	83	76	3	89
	96	97	101	98	93	88	82	76	4	88
	96	98	102	101	95	89	83	78	5	90
	97	99	104	103	98	90	84	81	6	92
	98	99	105	106	101	93	86	83	7	95
103	98	107	109	103	96	89	85	8	97	
MEDIUM Medium point is read at average TP/VP of low and high points	95	96	99	99	96	89	80	72	-2	88
	94	95	98	99	96	90	81	72	-1	89
	94	94	97	99	97	90	81	73	0	89
	94	95	98	98	95	89	82	74	1	88
	95	96	99	96	94	89	82	74	2	87
	95	96	100	96	93	89	82	75	3	87
	96	97	100	97	93	88	82	75	4	87
	96	97	101	99	95	89	83	78	5	89
	97	98	102	102	97	90	84	80	6	91
	98	99	105	105	100	93	87	82	7	94
103	98	107	109	103	96	89	85	8	97	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	99	101	103	101	97	91	82	73	-2	91
	96	98	100	99	97	92	84	74	-1	90
	93	94	97	98	98	93	85	75	0	90
	94	95	97	97	96	92	84	75	1	88
	95	95	98	97	94	90	84	75	2	88
	96	96	99	97	94	90	84	75	3	88
	97	97	100	97	94	90	84	76	4	88
	97	98	100	98	95	91	85	78	5	89
	97	98	101	99	96	91	85	80	6	90
	99	100	104	102	99	93	87	82	7	92
103	100	107	105	102	95	89	85	8	95	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

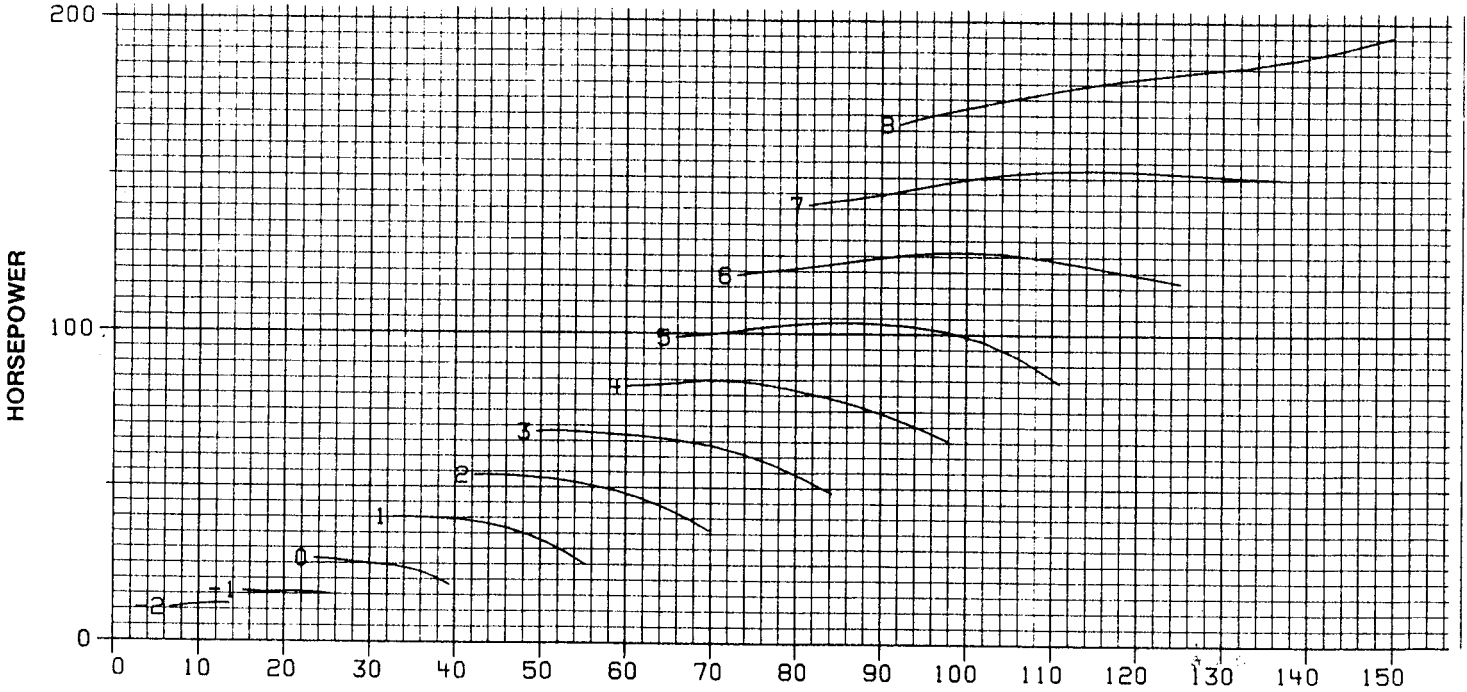
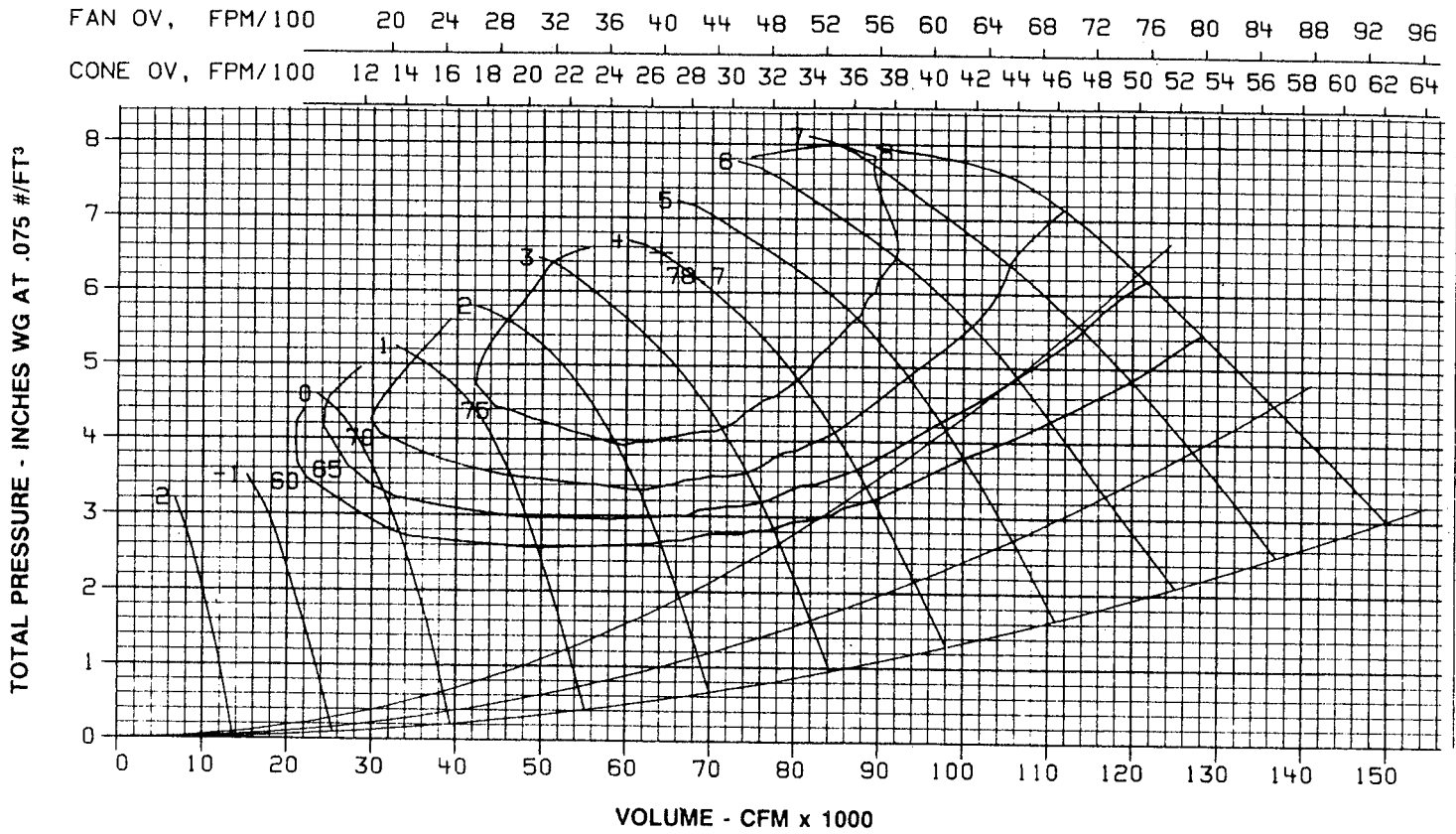
SIZE 5425-C12-1160

RPM 1160

MOTOR HP	MIN.	A/4 MAX.
	40	250

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EFFECTIVE: SEPTEMBER 2019



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 5425-C12-1160

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	103	102	105	105	103	99	89	81	-2	96
	103	103	105	107	104	98	89	81	-1	96
	103	104	104	108	104	97	89	81	0	97
	104	103	108	107	104	98	90	83	1	97
	106	103	113	106	104	100	92	84	2	98
	104	102	110	106	102	98	91	84	3	96
	103	101	107	107	100	96	90	84	4	95
	104	102	108	109	103	98	91	86	5	97
	104	102	108	111	107	99	91	88	6	100
	106	103	109	114	109	102	94	90	7	102
MEDIUM Medium point is read at average TP/VP of low and high points	108	103	110	117	112	105	96	92	8	105
	102	101	104	105	103	99	89	81	-2	96
	101	100	103	105	104	99	90	81	-1	96
	101	100	101	105	105	99	90	82	0	96
	102	100	104	103	103	98	91	83	1	95
	103	99	107	102	101	97	91	83	2	94
	103	100	107	103	101	96	91	84	3	94
	103	101	107	104	100	96	90	84	4	94
	104	101	107	106	103	98	91	85	5	96
	104	102	108	109	105	99	91	87	6	98
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	106	103	109	113	109	102	94	90	7	102
	107	103	110	117	112	105	97	92	8	105
	106	106	109	108	104	100	92	82	-2	98
	103	103	106	106	104	101	93	83	-1	97
	99	100	102	103	104	102	94	85	0	96
	101	100	103	103	103	100	93	84	1	95
	103	100	104	103	102	98	93	84	2	94
	104	101	105	104	102	98	93	84	3	95
	104	102	106	104	101	98	93	85	4	95
	105	102	107	105	103	99	93	86	5	96
105	102	107	106	104	99	93	88	6	97	
106	104	110	109	107	102	94	90	7	99	
107	105	113	112	110	104	96	92	8	102	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4

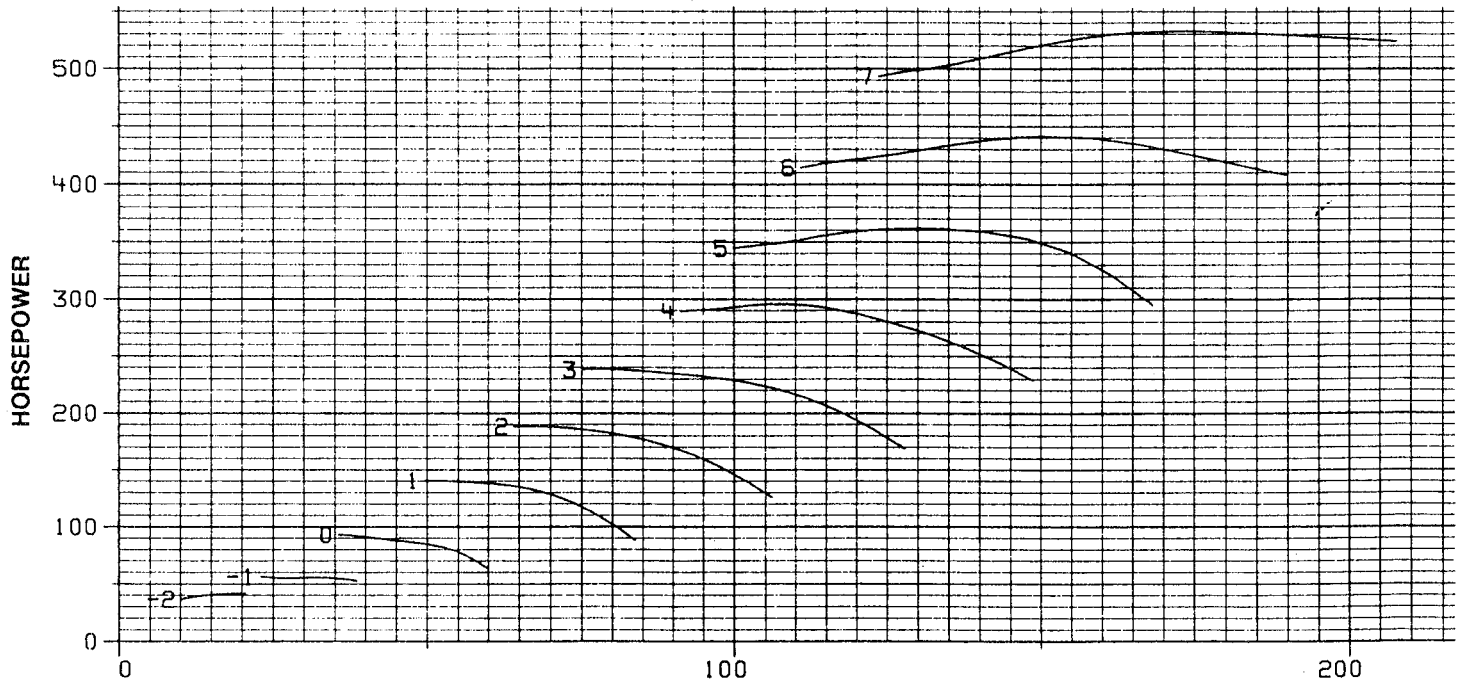
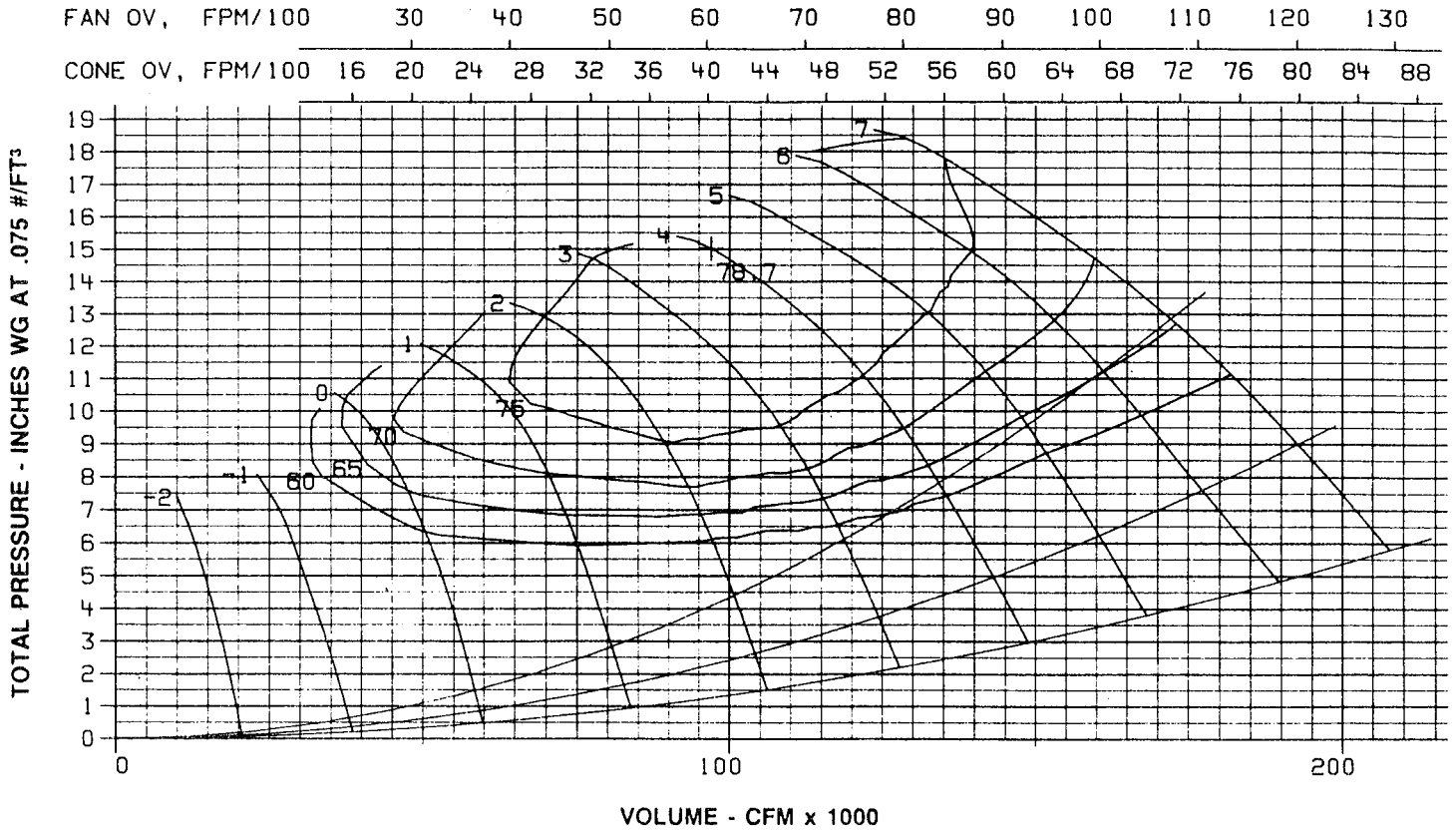


1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 5425-C12-1760 RPM 1760

MOTOR HP	MIN.	A/4 MAX.
	100	300

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EFFECTIVE: SEPTEMBER 2019



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.

BULLETIN VAV-47

FAN MODEL: 5425-C12-1760

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	111	113	113	114	114	111	104	95	-2	106
	110	113	113	115	115	111	104	95	-1	107
	110	114	114	115	116	110	103	95	0	107
	112	114	115	117	115	111	104	96	1	108
	113	115	116	119	114	111	106	98	2	108
	112	114	115	117	114	110	104	97	3	107
	110	113	113	116	113	108	103	97	4	106
	111	113	114	117	116	110	104	98	5	108
	111	114	114	118	118	113	105	99	6	110
	113	115	115	120	121	115	108	101	7	112
									8	
MEDIUM Medium point is read at average TP/VP of low and high points	110	112	112	114	113	110	104	95	-2	106
	109	111	111	113	114	111	104	95	-1	106
	108	111	110	112	114	111	105	96	0	106
	109	111	111	113	112	110	104	97	1	105
	110	111	112	114	111	108	104	97	2	104
	110	112	112	114	111	108	103	97	3	105
	110	113	113	115	112	108	103	97	4	105
	111	113	113	116	114	110	104	98	5	107
	112	114	114	117	116	112	105	99	6	108
	113	115	115	120	120	115	108	101	7	112
									8	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	113	116	117	118	115	112	106	97	-2	108
	110	113	114	115	114	112	107	98	-1	107
	107	110	110	112	113	112	108	99	0	106
	109	111	111	112	112	111	106	99	1	105
	110	112	111	113	112	109	105	98	2	105
	111	113	112	114	112	109	105	98	3	105
	112	114	113	114	112	109	105	99	4	105
	112	114	113	115	113	110	105	99	5	106
	112	114	114	116	114	111	106	100	6	107
	113	115	116	118	117	114	108	102	7	110
									8	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 6000-C12- 690

RPM 690

MOTOR HP	MIN.	A/4 MAX.
	15	150

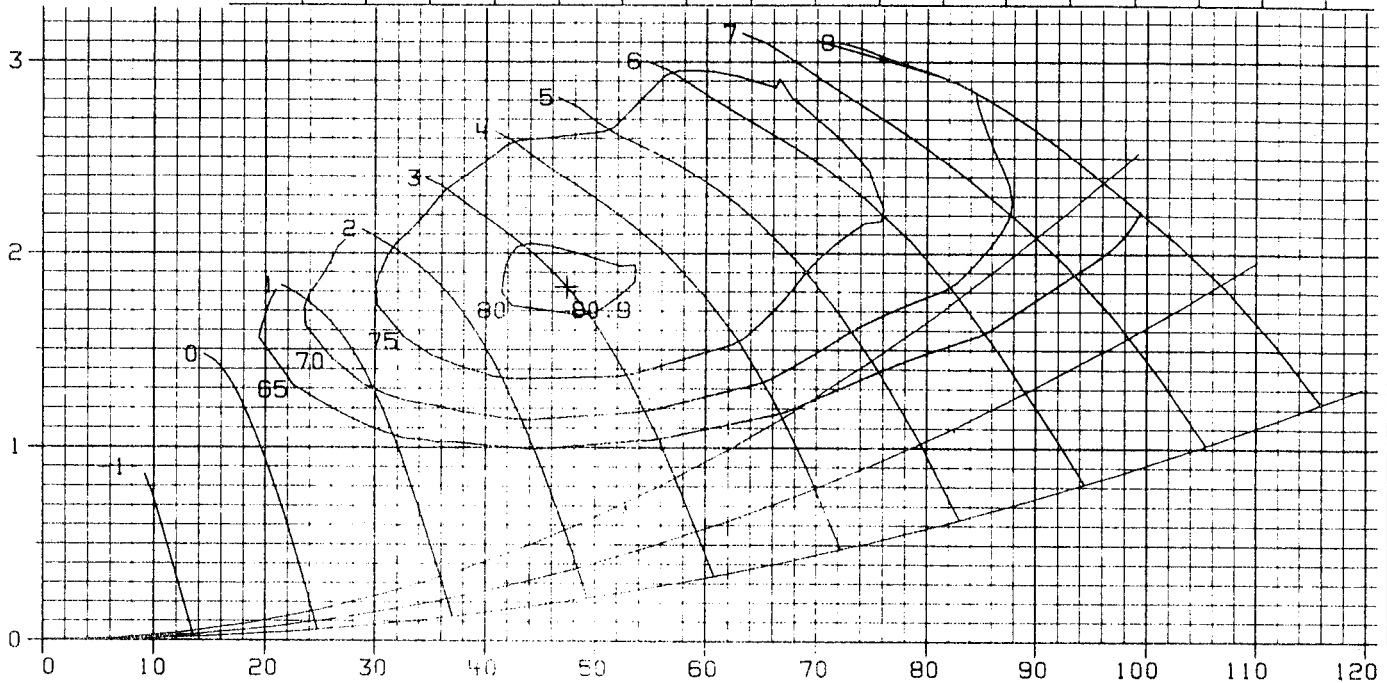
PAGE 72

EFFECTIVE: SEPTEMBER 2019

FAN OV, FPM/100 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60

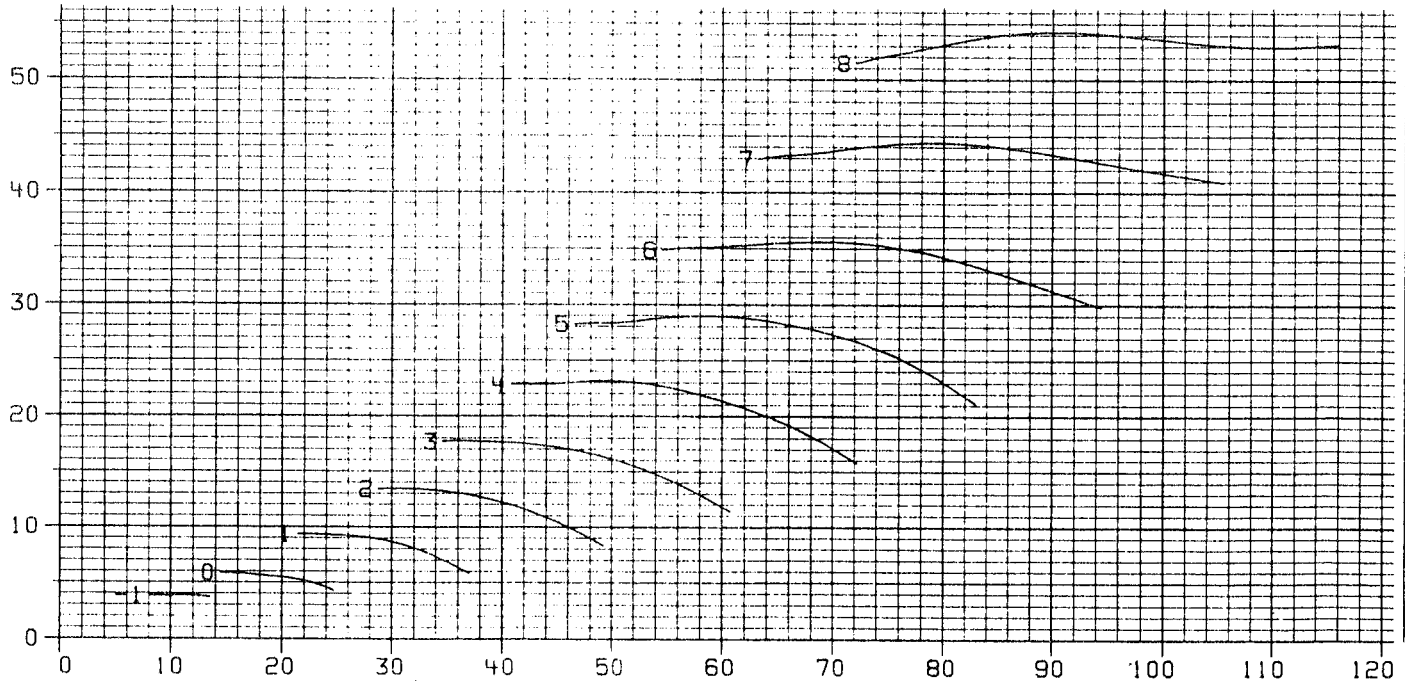
CONE OV, FPM/100 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



VOLUME - CFM x 1000

HORSEPOWER



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.

BULLETIN VAV-47

FAN MODEL: 6000-C12-690

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	93	95	97	96	91	84	75	67	-1	85
	93	94	97	95	91	84	76	67	0	85
	93	97	98	96	92	85	77	69	1	85
	93	99	98	96	93	86	78	70	2	86
	92	98	98	95	91	85	78	71	3	85
	92	96	98	94	89	84	78	71	4	84
	93	97	100	97	91	85	79	74	5	86
	94	98	102	100	93	85	80	77	6	88
	96	99	104	102	96	88	83	79	7	91
	104	99	106	110	105	98	90	86	8	99
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	91	94	96	95	92	84	76	67	-1	85
	90	92	95	95	92	85	76	67	0	85
	90	93	95	94	91	85	77	68	1	84
	90	95	94	93	90	85	78	69	2	84
	91	95	95	93	90	85	78	70	3	83
	91	96	96	93	89	84	78	71	4	83
	93	96	98	96	91	85	79	73	5	85
	94	97	100	98	93	85	80	76	6	87
	96	99	104	102	96	88	83	79	7	91
	105	100	106	110	106	99	91	87	8	99
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	93	96	97	96	93	87	78	68	-1	86
	90	93	95	95	94	88	79	69	0	86
	90	93	94	94	92	87	79	69	1	85
	91	93	94	93	90	87	79	70	2	83
	92	95	95	93	90	86	79	70	3	84
	93	96	96	93	90	86	79	71	4	84
	94	96	97	95	92	86	80	73	5	85
	95	97	98	96	93	87	81	76	6	86
	97	100	101	100	96	89	83	79	7	89
	104	101	108	107	105	99	91	87	8	97

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 6000-C12- 890 RPM 890

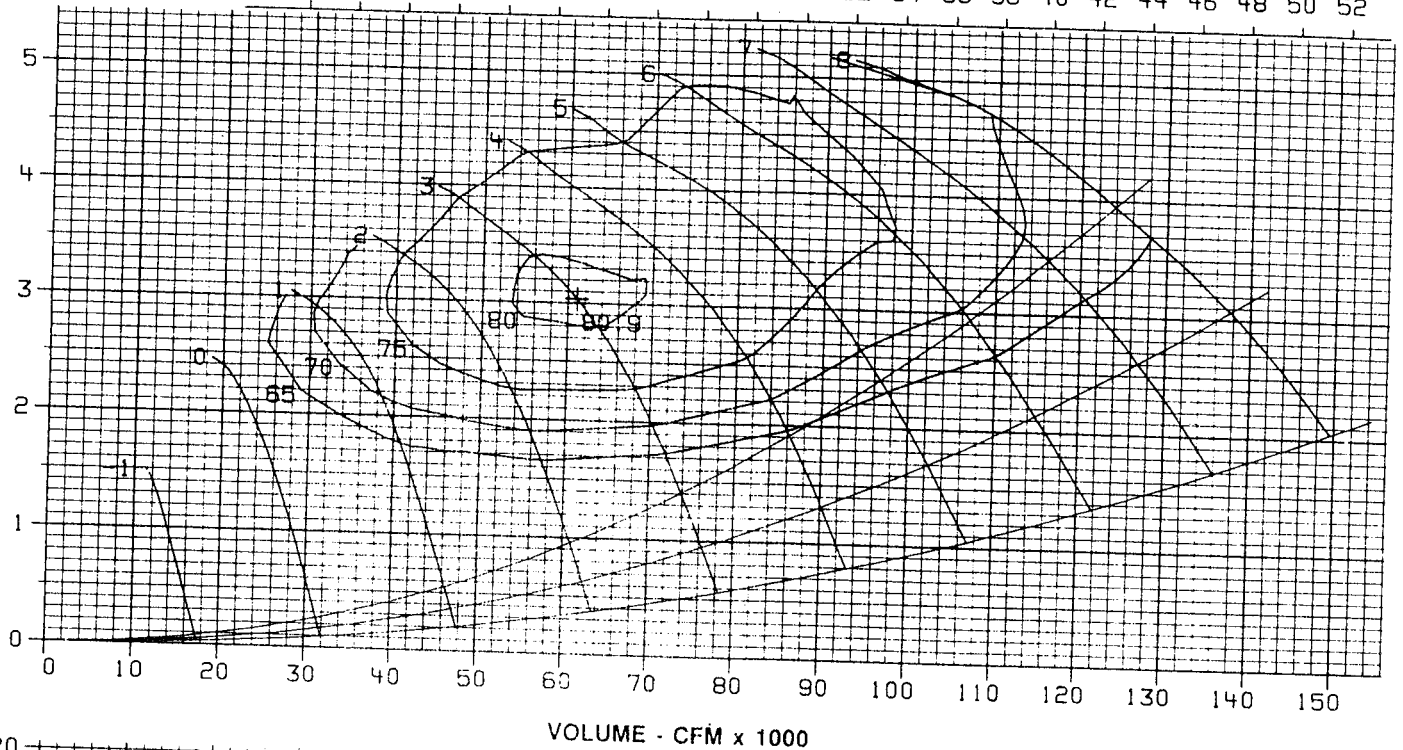
MOTOR HP	MIN.	A/4 MAX.
	20	200

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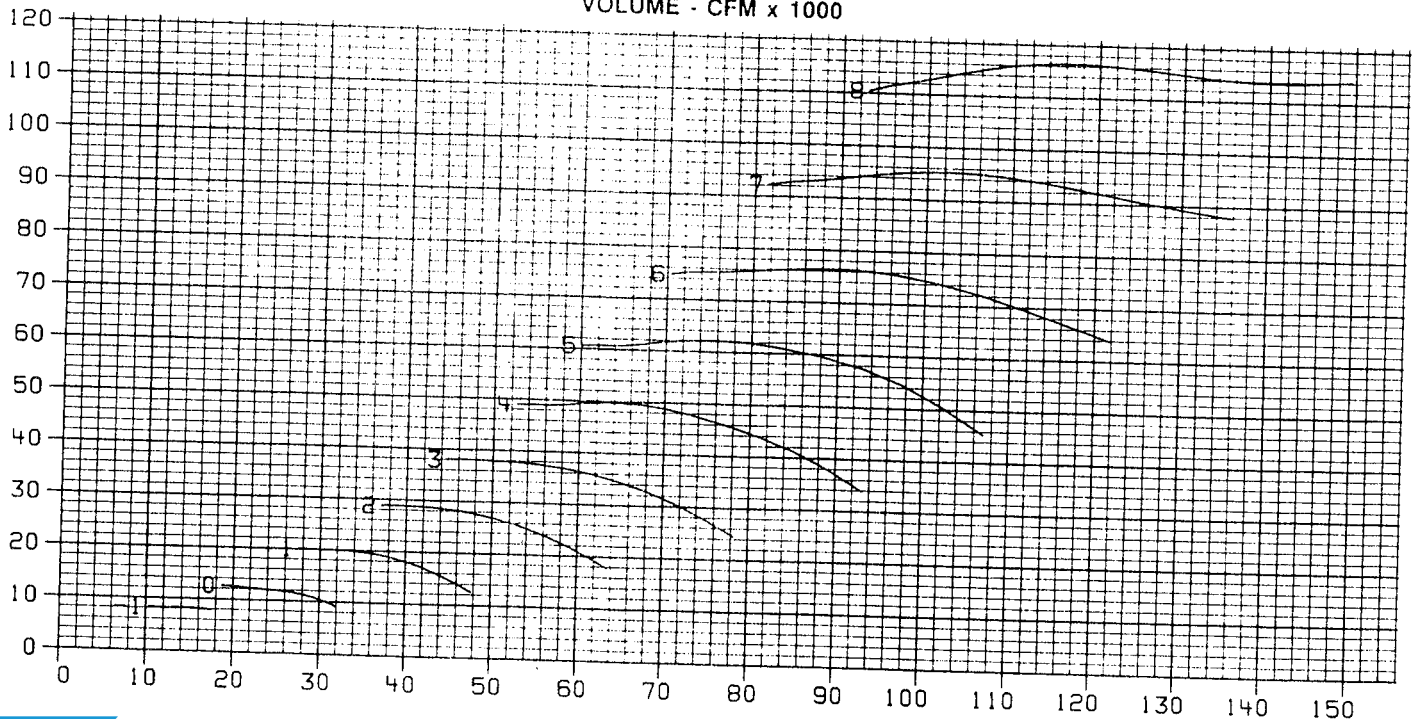
EFFECTIVE: SEPTEMBER 2019

FAN OV, FPM/100 16 20 24 28 32 36 40 44 48 52 56 60 64 68 72 76
 CONE OV, FPM/100 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



HORSEPOWER



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 6000-C12-890

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	98	100	103	102	99	92	84	76	-1	92
	98	100	102	102	98	92	84	76	0	91
	99	101	104	102	99	93	85	77	1	92
	101	102	105	102	100	94	87	79	2	93
	100	101	105	101	98	93	86	79	3	92
	99	99	104	101	96	92	86	79	4	91
	100	100	105	104	99	93	86	81	5	93
	101	101	106	106	101	94	87	84	6	95
	103	103	109	109	104	96	90	86	7	98
	108	103	110	115	110	103	94	91	8	103
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	97	98	101	101	99	93	85	76	-1	92
	96	97	100	101	99	93	85	76	0	91
	97	97	100	100	98	93	86	77	1	91
	98	98	101	99	97	93	86	78	2	90
	98	98	102	99	97	92	86	78	3	90
	99	99	103	100	96	92	86	79	4	90
	100	100	104	102	98	93	86	81	5	92
	101	101	105	105	101	94	87	83	6	94
	104	103	108	108	104	97	90	86	7	97
	109	104	111	115	111	104	96	91	8	104
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	98	100	103	102	100	95	87	77	-1	93
	96	98	100	100	100	96	88	78	0	92
	97	98	100	100	98	95	88	78	1	91
	98	97	100	99	97	93	87	78	2	90
	99	99	101	99	97	93	87	79	3	90
	101	100	102	100	97	93	87	79	4	91
	102	101	103	101	99	94	88	81	5	92
		102	101	104	102	100	95	88	83	6
	104	104	107	106	103	97	90	86	7	96
	109	106	112	111	109	104	95	91	8	102

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 6000-C12-1160 RPM 1160

MOTOR HP	MIN.	A/4 MAX.
	40	250

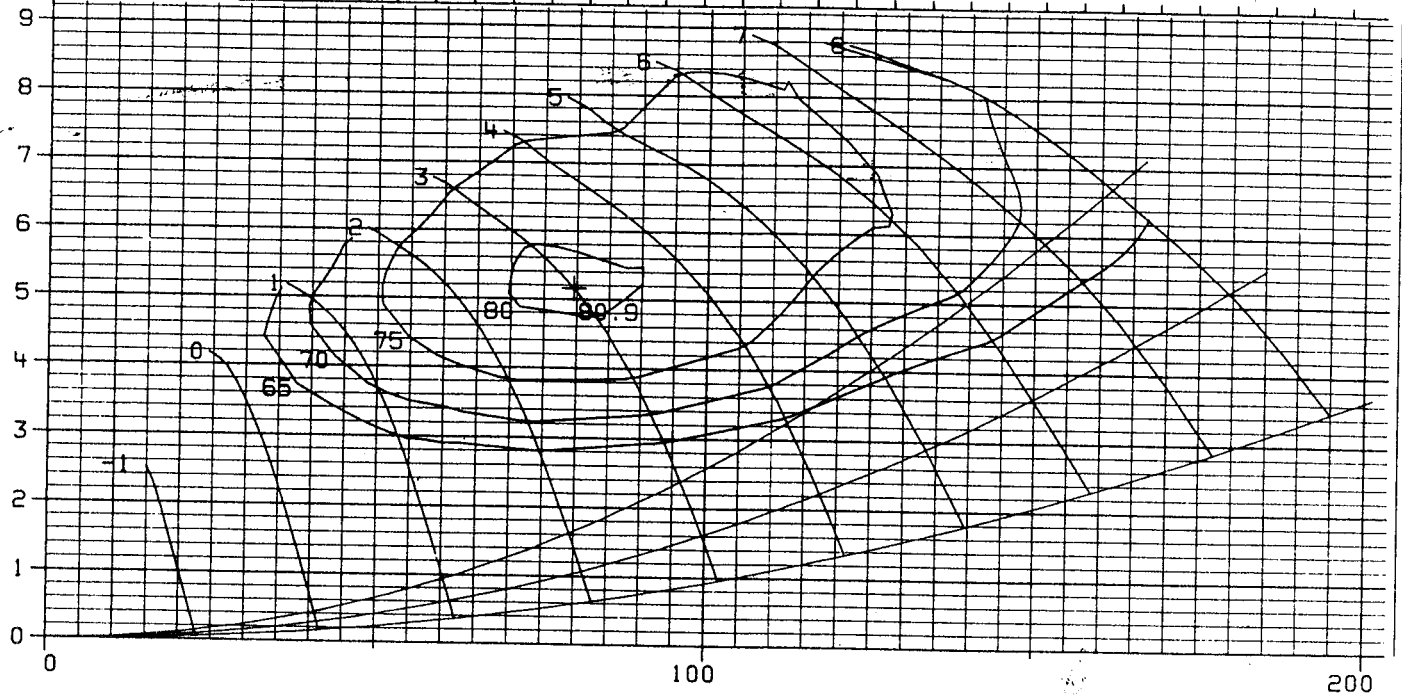
PAGE 74

EFFECTIVE: SEPTEMBER 2019

FAN OV, FPM/100 20 24 28 32 36 40 44 48 52 56 60 64 68 72 76 80 84 88 92 96 100

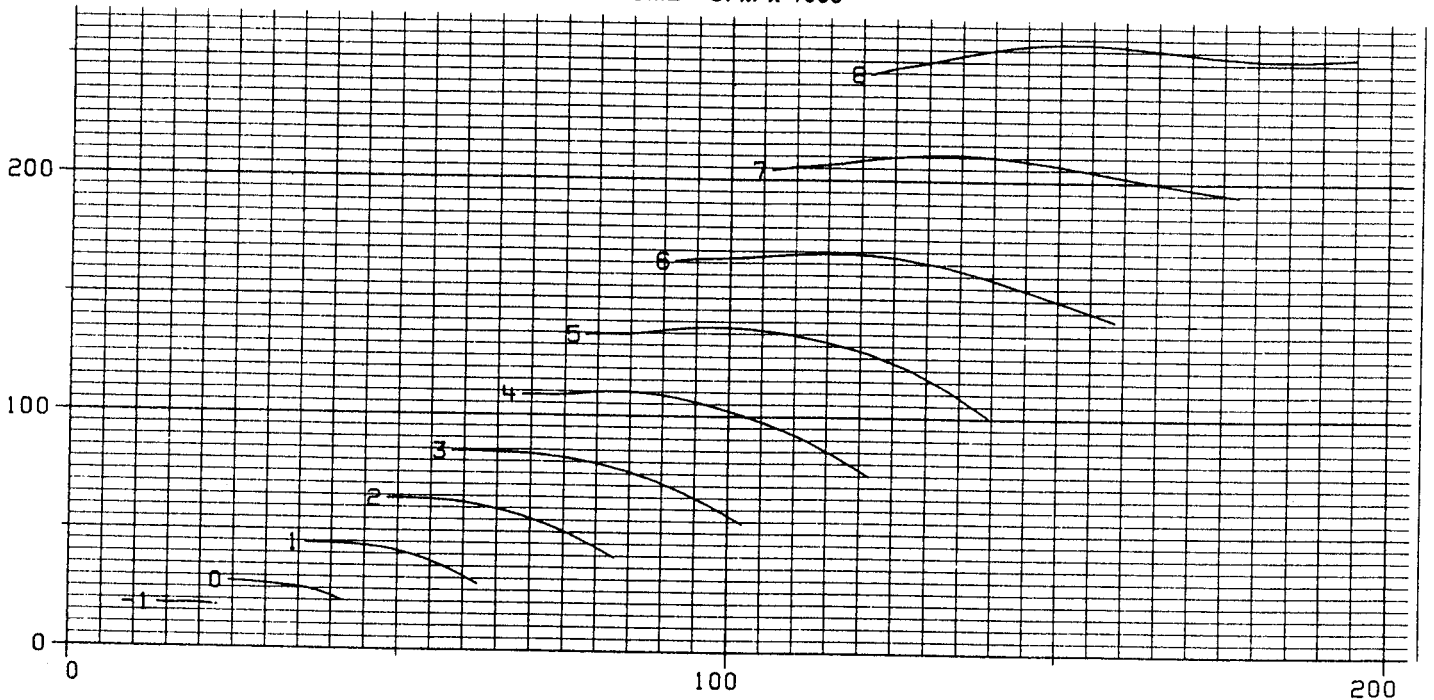
CONE OV, FPM/100 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68

TOTAL PRESSURE - INCHES WG AT Ø75 #/FT³



VOLUME - CFM x 1000

HORSEPOWER



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 6000-C12-1160

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	104	105	108	109	106	101	93	85	-1	99
	104	105	107	109	106	101	93	85	0	99
	106	105	110	108	107	102	94	86	1	99
	109	104	113	108	108	103	96	87	2	100
	107	104	112	108	106	101	95	87	3	99
	106	103	110	109	104	100	94	87	4	98
	107	104	111	111	107	101	94	89	5	100
	108	105	111	113	110	103	95	91	6	103
	111	107	113	116	112	105	97	93	7	105
113	108	115	119	115	107	99	95	8	108	
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	103	103	107	107	106	102	94	85	-1	99
	102	102	105	107	106	102	94	85	0	98
	104	102	107	106	105	101	95	86	1	98
	106	101	108	105	105	101	95	87	2	97
	106	102	109	106	104	100	95	87	3	97
	106	103	110	107	103	100	94	87	4	97
	108	104	110	109	106	101	94	89	5	99
	109	105	110	112	109	103	94	90	6	101
	111	107	113	116	112	105	97	93	7	105
114	109	115	120	115	108	100	96	8	108	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	104	105	109	108	107	104	96	87	-1	100
	102	102	106	106	106	104	98	88	0	99
	104	102	106	105	105	103	97	88	1	98
	106	102	106	105	104	101	97	88	2	97
	107	103	108	106	104	101	96	88	3	97
	108	104	109	106	104	101	96	88	4	98
	109	105	110	107	106	102	96	90	5	99
	110	106	110	109	107	103	96	91	6	100
	112	108	114	112	111	106	98	93	7	103
113	111	117	116	114	108	100	96	8	106	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV ADJUSTABLE PITCH CONTROLLABLE PITCH

4



1675 GLEN ELLYN ROAD
 GLENDALE HEIGHTS, ILLINOIS 60139
 Phone 708-858-2600

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EFFECTIVE: SEPTEMBER 2019

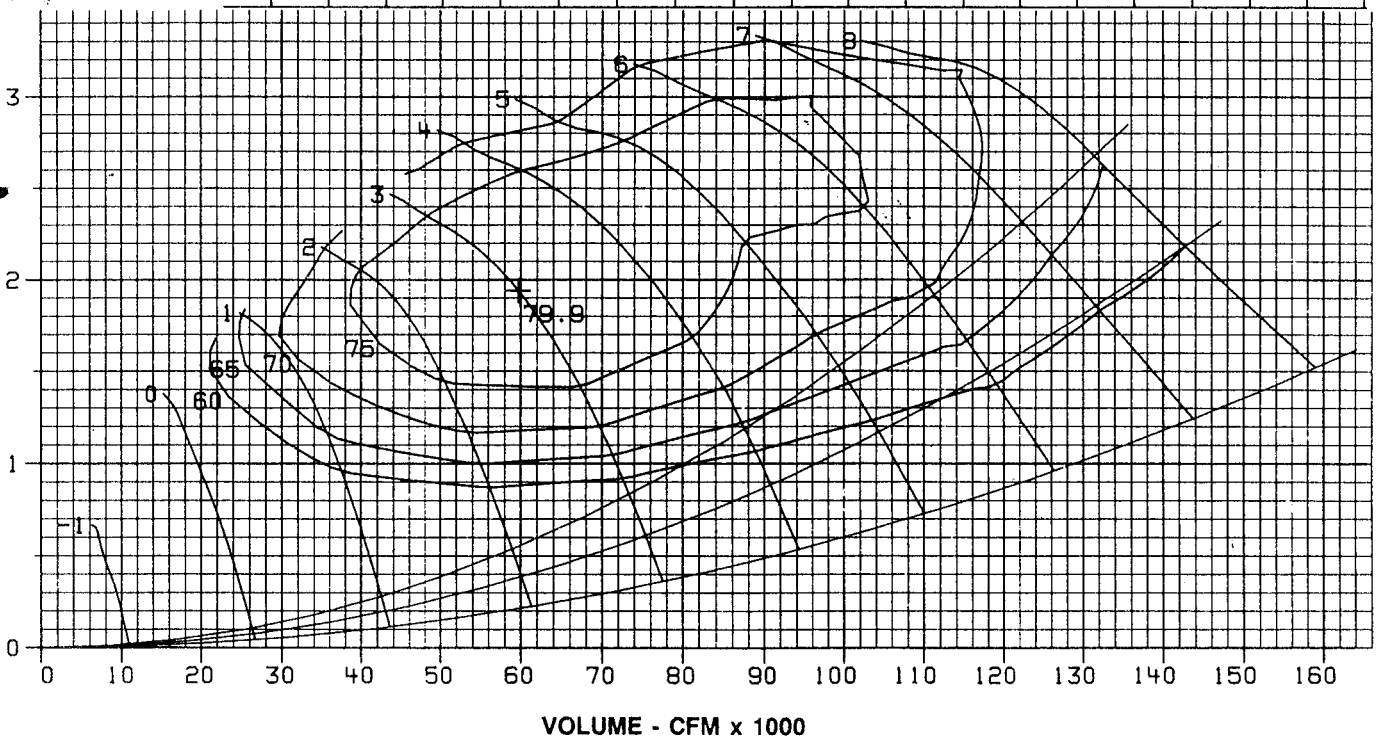
SIZE 6650-C12- 690

RPM 690

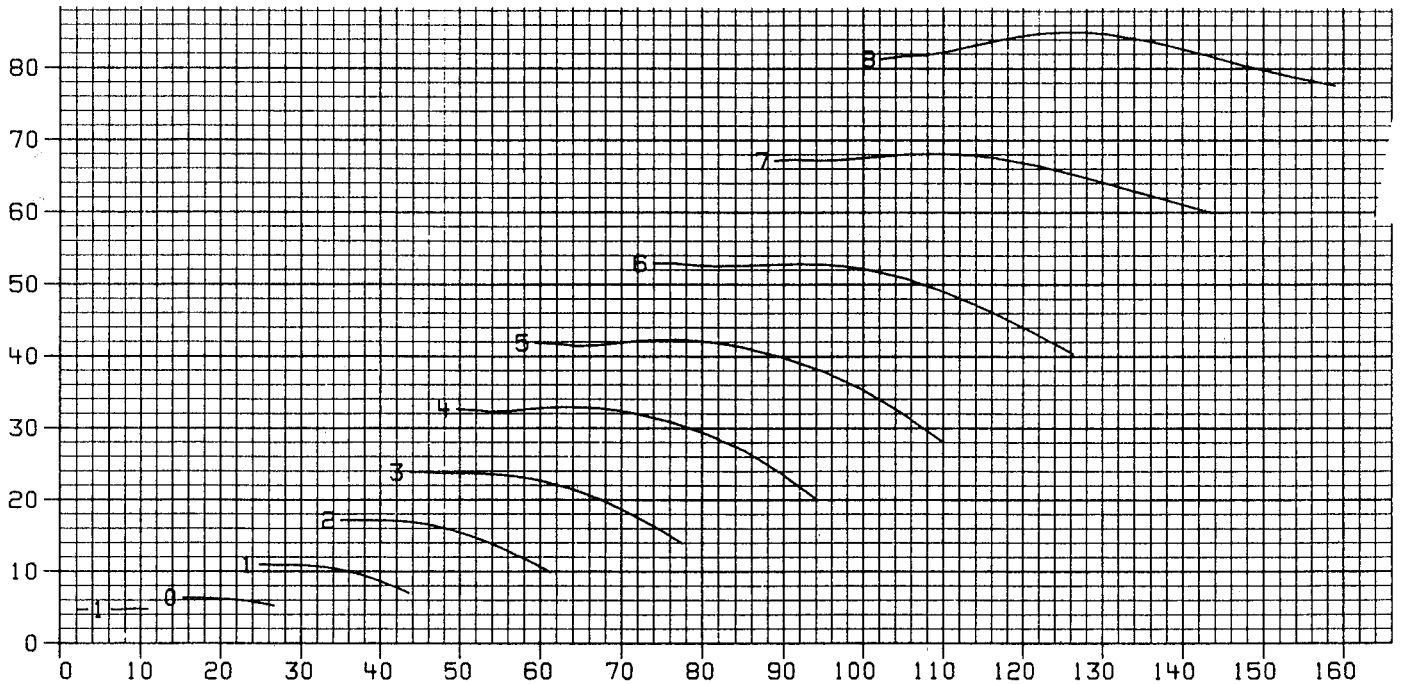
MOTOR HP	MIN.	A/4 MAX.
	15	150

FAN OV, FPM/100 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68
 CONE OV, FPM/100 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



HORSEPOWER



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

BULLETIN VAV-47

FAN MODEL: 6650-C12-690

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	94	100	100	98	94	88	79	71	-1	88
	93	98	98	97	94	88	80	71	0	87
	94	99	99	98	95	89	81	72	1	88
	94	101	99	100	96	90	81	73	2	89
	94	100	100	98	94	89	81	74	3	88
	93	100	100	97	93	88	81	75	4	87
	95	101	102	100	95	88	83	77	5	89
	97	102	104	103	97	89	84	80	6	92
	100	104	107	105	99	91	86	82	7	94
109	105	111	112	103	101	93	90	8	101	
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	93	99	99	98	95	88	80	71	-1	88
	91	97	97	97	95	89	80	71	0	87
	92	97	97	97	94	89	81	72	1	87
	92	97	96	97	94	89	81	72	2	87
	93	98	98	97	94	89	82	74	3	87
	93	100	99	96	93	88	82	75	4	87
	95	100	101	99	95	88	82	77	5	89
	97	101	103	102	97	89	83	79	6	91
	101	105	107	105	100	92	86	82	7	94
110	107	111	113	110	103	95	91	8	103	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	94	100	100	98	96	90	81	72	-1	89
	92	99	98	97	96	91	82	72	0	88
	92	97	97	96	95	91	82	72	1	87
	92	96	96	95	93	90	83	73	2	86
	94	96	97	95	93	90	83	74	3	86
	96	100	98	96	93	89	82	75	4	87
	97	100	99	98	95	90	83	77	5	88
	99	101	101	100	97	90	84	79	6	90
	102	105	105	104	100	92	87	82	7	93
110	109	113	111	109	103	95	91	8	102	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 6650-C12- 890

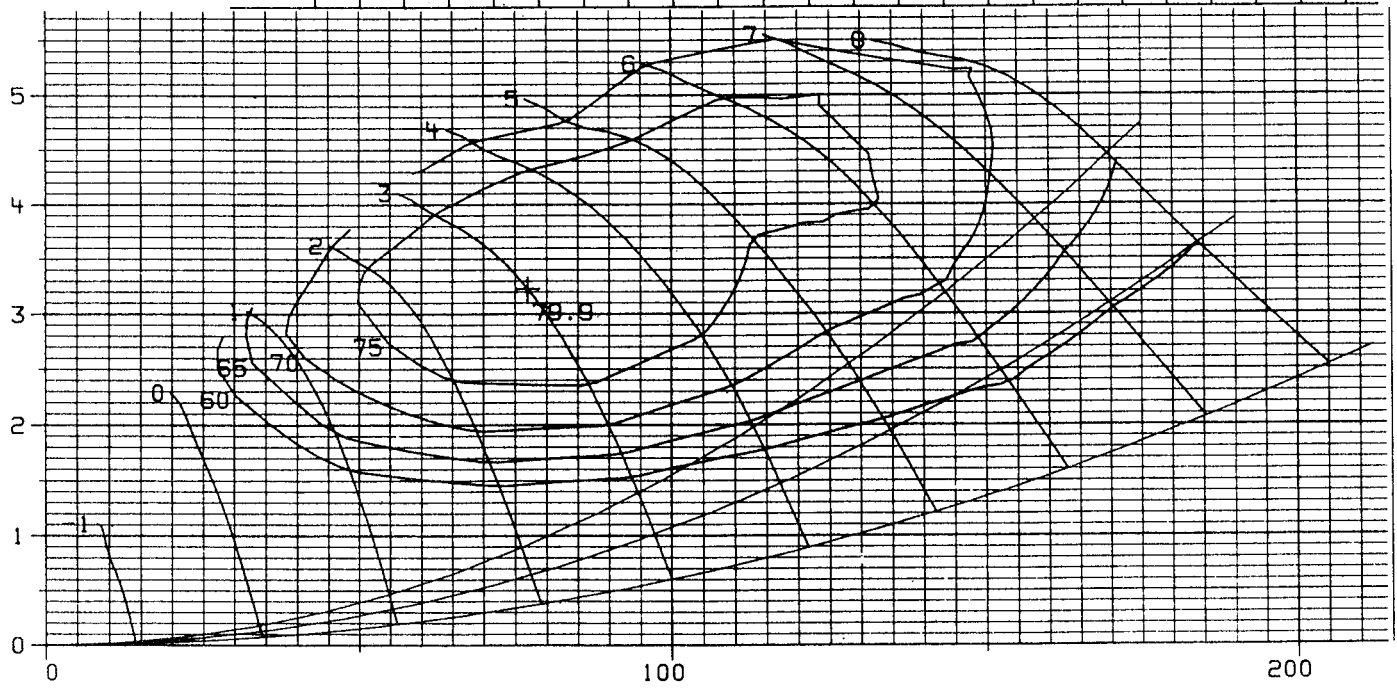
RPM 890

MOTOR HP	MIN.	A/4 MAX.
	25	200

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EFFECTIVE: SEPTEMBER 2019

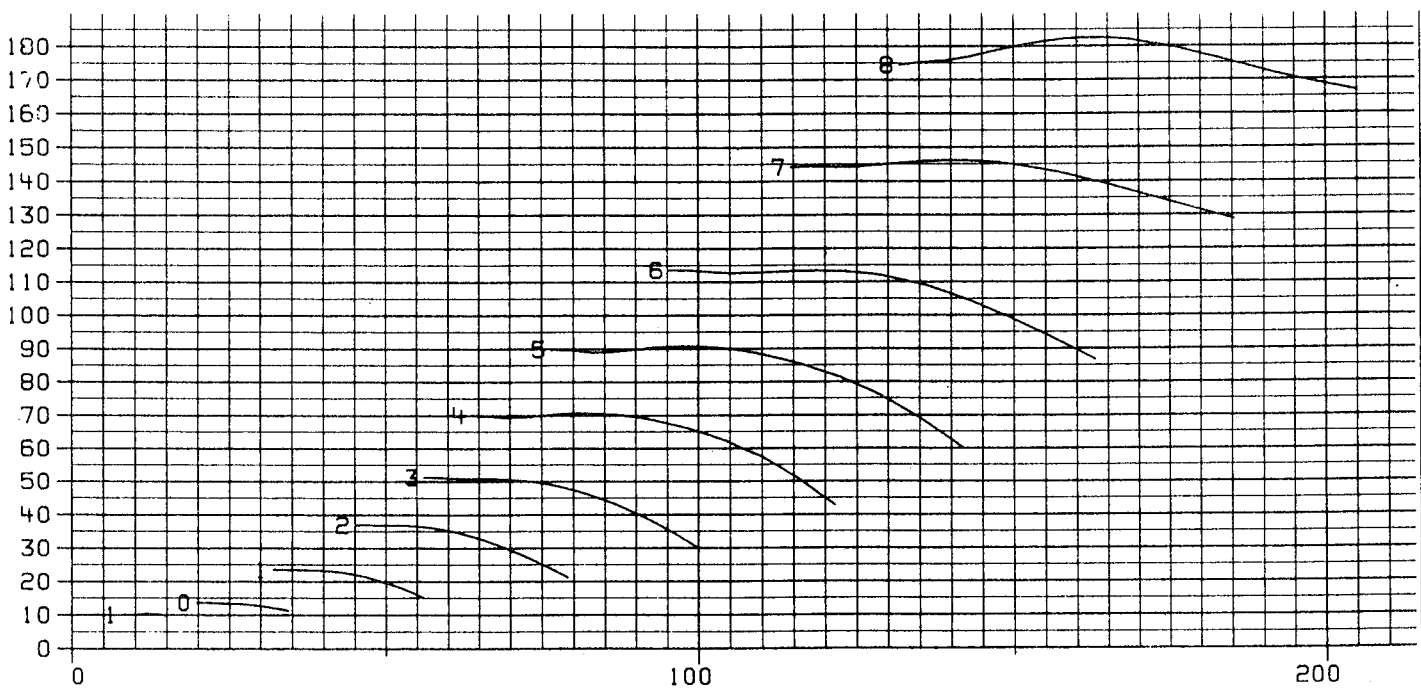
FAN OV, FPM/100 16 20 24 28 32 36 40 44 48 52 56 60 64 68 72 76 80 84 88
 CONE OV, FPM/100 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



VOLUME - CFM x 1000

HORSEPOWER



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

BULLETIN VAV-47

FAN MODEL: 6650-C12-890

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	99	103	106	104	101	96	88	79	-1	94
	98	102	104	103	100	96	89	79	0	93
	100	103	105	104	102	97	89	81	1	95
	102	104	106	105	103	98	90	82	2	96
	102	103	106	104	102	97	90	82	3	95
	101	102	106	103	100	95	89	83	4	94
	103	104	108	106	102	96	90	85	5	96
	104	105	109	109	105	97	91	87	6	98
107	108	112	112	107	99	93	89	7	101	
113	109	115	117	113	106	97	94	8	106	
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	98	102	105	104	102	97	89	80	-1	94
	97	100	103	102	101	97	89	80	0	94
	98	100	103	102	101	97	90	80	1	94
	100	101	103	102	101	97	90	81	2	94
	100	101	104	102	101	96	90	82	3	93
	100	102	106	103	100	96	90	83	4	94
	103	104	107	105	102	97	90	84	5	95
	105	105	108	108	104	97	90	86	6	97
108	109	112	112	107	100	93	89	7	101	
114	112	116	118	114	107	99	95	8	107	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	99	104	106	104	103	98	90	81	-1	95
	97	102	104	102	102	99	91	81	0	95
	99	101	103	102	101	98	92	82	1	94
	100	100	102	101	99	97	92	82	2	92
	102	102	103	101	99	97	91	83	3	93
	103	104	105	102	100	96	91	83	4	93
	105	105	106	104	102	97	91	85	5	95
	106	106	107	106	104	98	91	86	6	97
109	110	111	110	107	101	94	90	7	100	
115	113	117	115	113	108	99	95	8	106	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 6650-C12-1160

RPM 1160

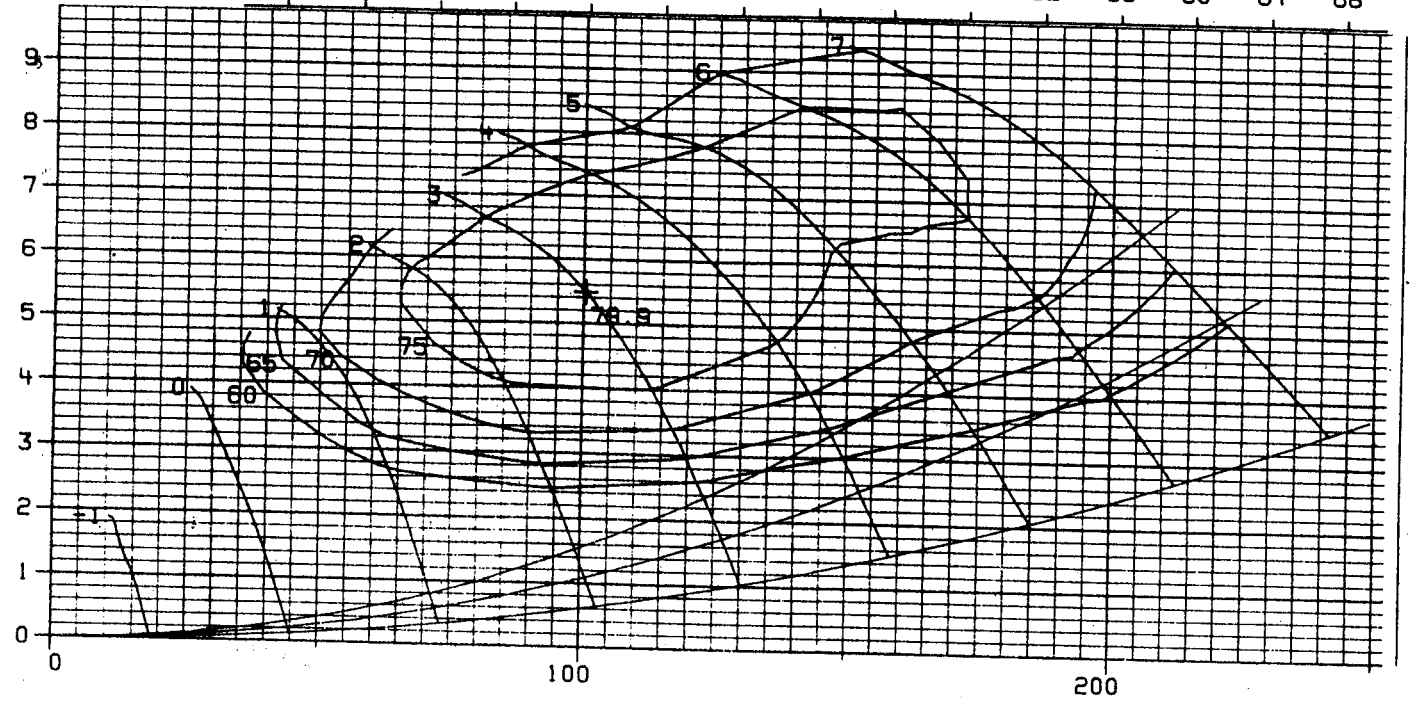
MOTOR HP	MIN.	A/4 MAX.
	50	250

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EFFECTIVE: SEPTEMBER 2019

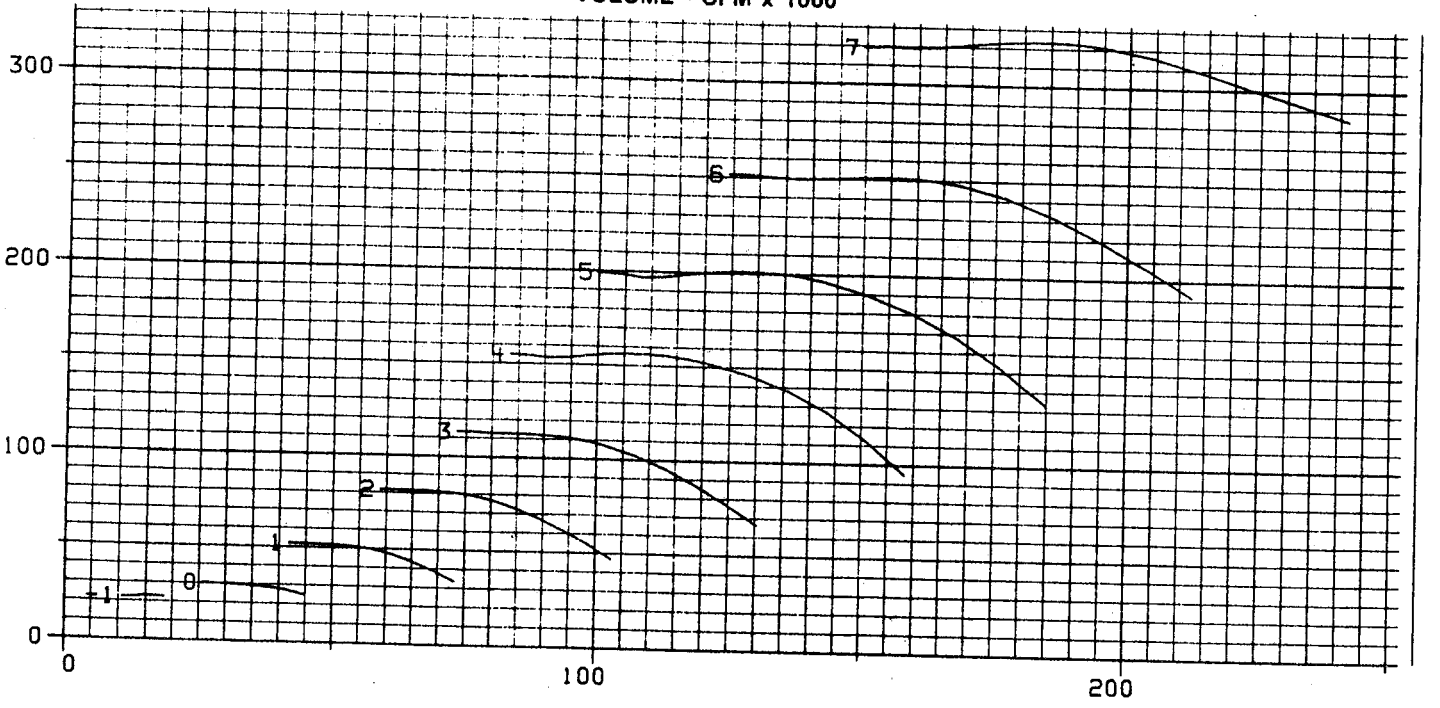
FAN OV, FPM/100 20 24 28 32 36 40 44 48 52 56 60 64 68 72 76 80 84 88 92 96 100 104
 CONE OV, FPM/100 12 16 20 24 28 32 36 40 44 48 52 56 60 64 68

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



VOLUME - CFM x 1000

HORSEPOWER



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

BULLETIN VAV-47



FAN MODEL: 6650-C12-1160

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP									-2	
HIGH High point is read at peak of curve at maximum total pressure	104	107	112	111	109	104	97	89	-1	102
	103	106	110	110	107	104	98	89	0	100
	107	106	112	110	109	105	98	90	1	102
	110	106	114	110	111	106	99	91	2	103
	109	106	113	110	109	105	98	91	3	102
	108	106	113	110	107	103	98	91	4	101
	110	107	114	113	110	105	98	93	5	103
	112	109	114	116	114	106	98	94	6	106
	115	112	117	119	115	108	100	96	7	108
									8	
MEDIUM Medium point is read at average TP/VP of low and high points	103	106	111	110	109	105	98	89	-1	101
	102	104	109	108	108	105	99	89	0	100
	105	104	109	107	108	105	99	90	1	100
	108	104	110	107	108	105	99	90	2	100
	108	105	111	108	108	104	99	91	3	100
	108	105	113	109	107	103	98	91	4	101
	110	107	113	112	110	105	98	92	5	103
	113	109	113	114	112	107	98	93	6	105
	116	113	117	118	116	109	101	97	7	108
									8	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	105	108	113	110	109	107	100	90	-1	102
	103	106	111	108	109	107	101	91	0	102
	105	105	110	107	107	105	101	91	1	100
	108	104	108	107	106	104	101	92	2	99
	110	106	110	108	106	103	100	92	3	100
	111	108	112	109	107	103	100	92	4	100
	113	109	113	110	109	105	99	93	5	102
	114	111	113	112	111	107	99	94	6	104
	117	114	117	116	115	110	102	97	7	107
									8	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV

VANEAXIAL FAN
ADJUSTABLE PITCH
CONTROLLABLE PITCH

ARRANGEMENT

4

CHICAGO BLOWER CORPORATION

1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

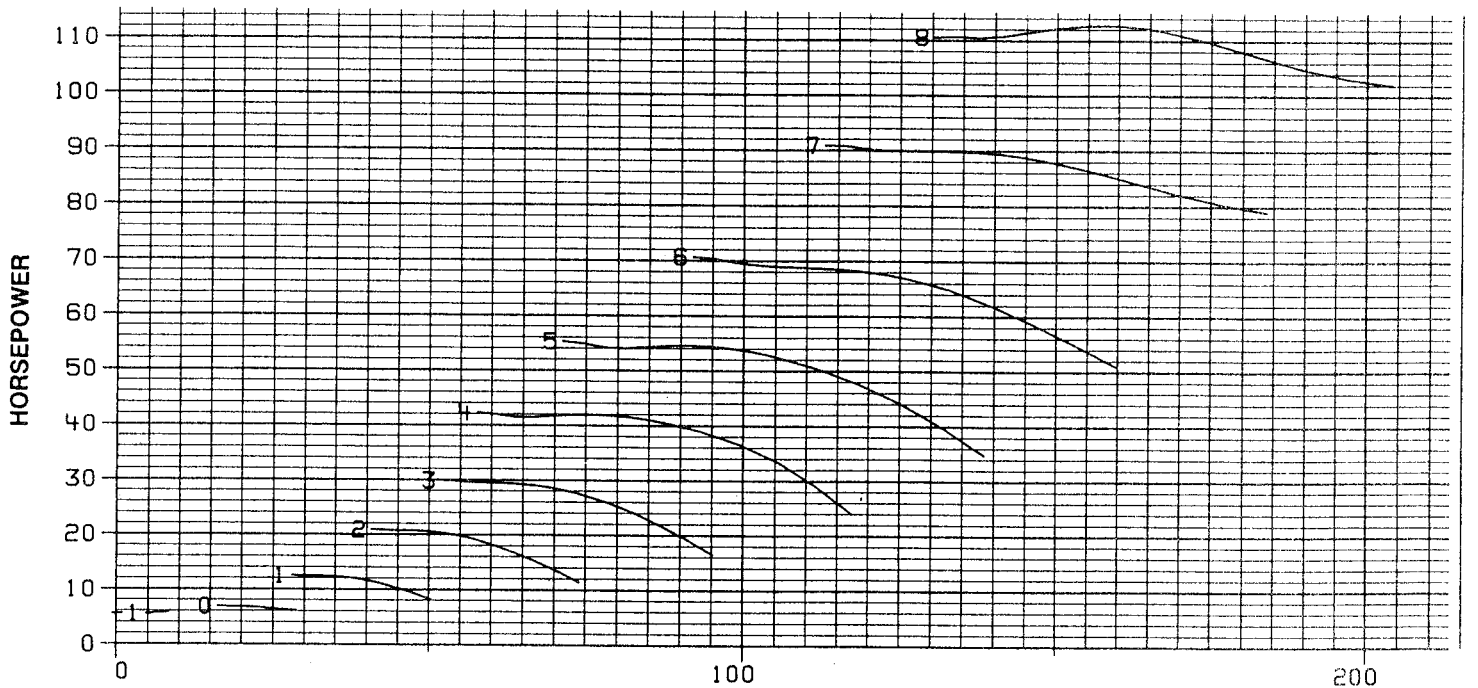
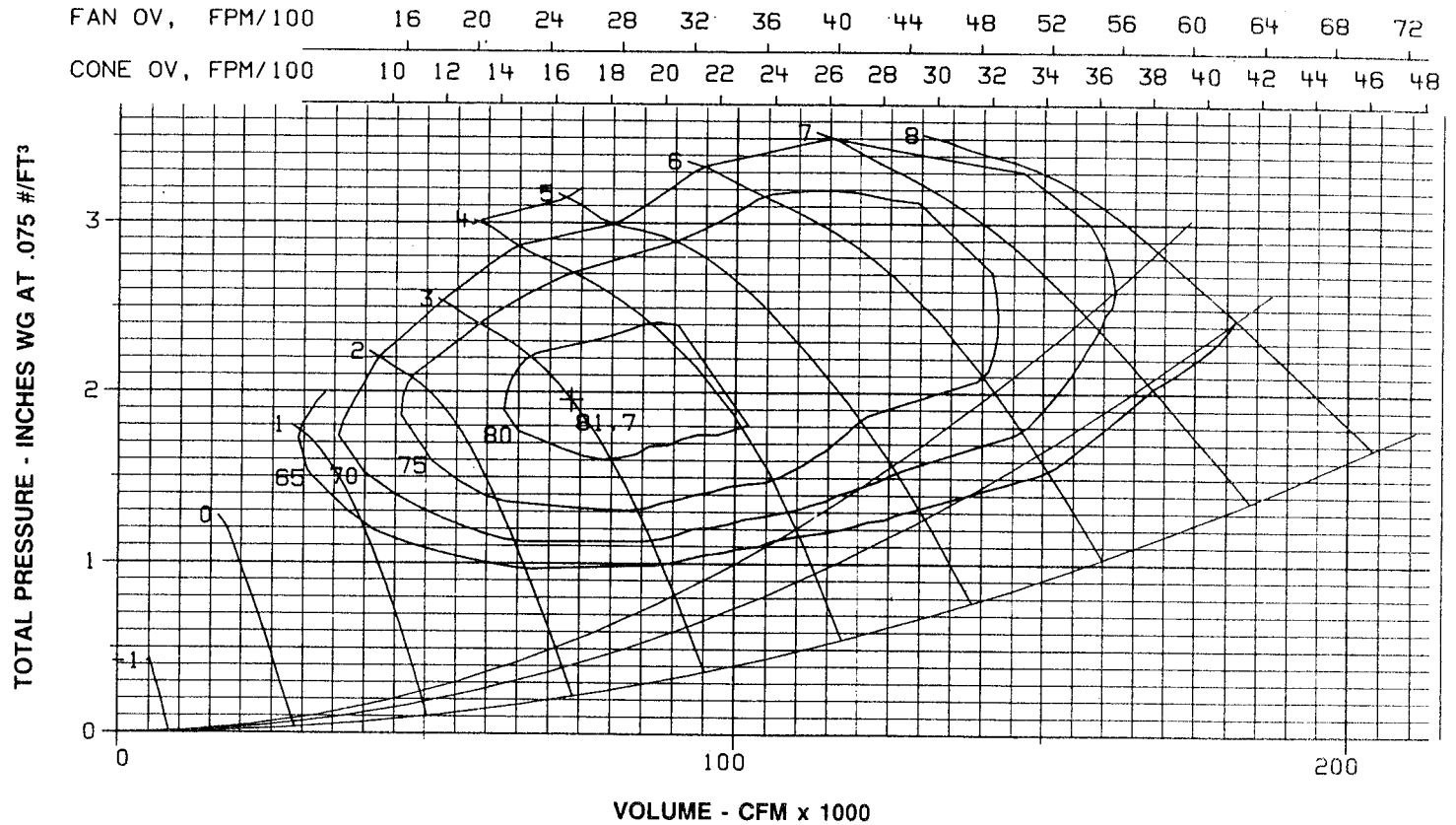
SIZE 7300-C12- 690

RPM 690

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MOTOR HP	MIN.	A/4 MAX.
	20	150

EFFECTIVE: SEPTEMBER 2019



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.

BULLETIN VAV-47

FAN MODEL: 7300-C12-690

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	95	103	103	100	97	92	83	74	-1	90
	93	100	99	98	96	92	84	74	0	89
	94	100	100	100	98	93	84	75	1	90
	96	101	101	102	99	93	84	75	2	92
	95	101	101	101	98	92	85	77	3	91
	95	102	102	99	96	91	85	78	4	90
	97	103	104	103	98	92	86	80	5	92
	100	104	107	106	100	92	87	83	6	95
	103	108	100	108	102	94	89	85	7	97
113	110	115	114	111	104	96	92	8	104	
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	94	102	101	100	97	92	84	74	-1	90
	92	100	99	98	97	93	84	74	0	89
	93	99	98	99	97	93	84	75	1	90
	94	98	98	100	98	93	85	75	2	90
	94	100	100	100	97	93	85	77	3	90
	94	102	101	99	96	92	85	78	4	90
	97	103	103	102	98	92	86	80	5	92
	101	104	105	105	100	92	86	82	6	94
	105	108	110	108	103	95	90	85	7	97
115	113	116	116	113	106	98	94	8	106	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	95	103	102	101	98	93	85	75	-1	91
	94	103	100	99	98	94	85	74	0	91
	94	100	99	98	97	94	86	75	1	90
	94	98	97	96	95	94	86	76	2	89
	96	100	99	97	95	93	86	77	3	89
	98	102	100	98	95	92	86	78	4	89
	100	103	102	101	98	93	86	80	5	91
	103	104	103	104	100	93	87	82	6	93
	107	109	108	107	103	96	90	86	7	97
117	115	117	115	113	107	99	94	8	106	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



SIZE 7300-C12- 890

RPM 890

1675 GLEN ELLYN ROAD
 GLENDALE HEIGHTS, ILLINOIS 60139
 Phone 708-858-2600

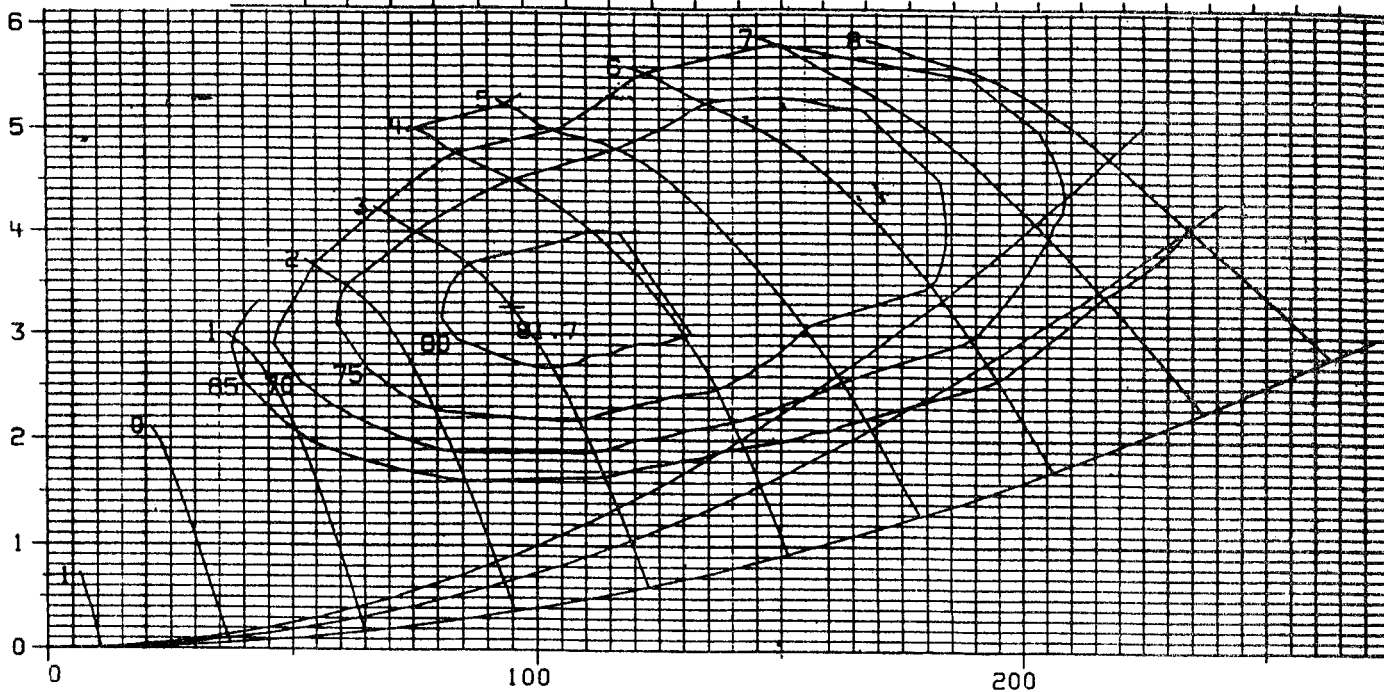
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EFFECTIVE: SEPTEMBER 2019

MOTOR HP	MIN.	A/4 MAX.
	30	200

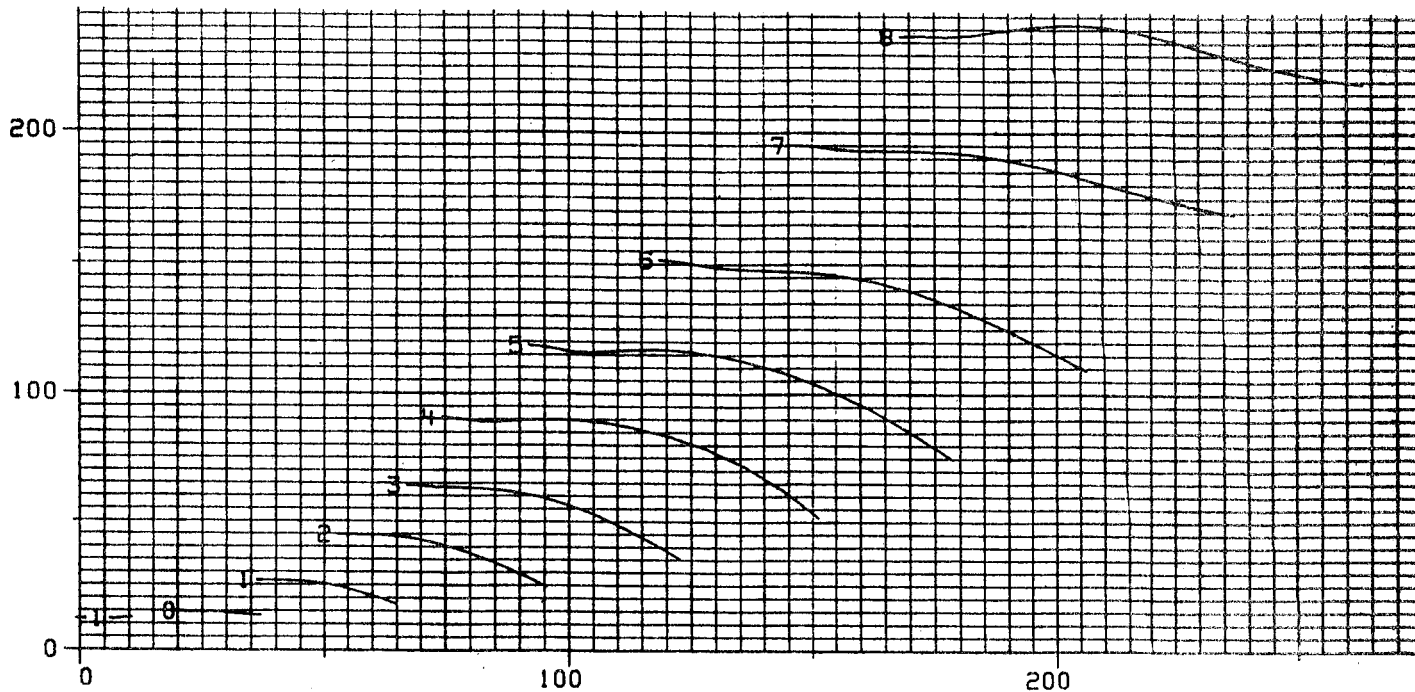
FAN OV, FPM/100 16 20 24 28 32 36 40 44 48 52 56 60 64 68 72 76 80 84 88 92
 CONE OV, FPM/100 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



VOLUME - CFM x 1000

HORSEPOWER



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 7300-C12-890

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	99	106	109	106	104	99	92	83	-1	97
	98	103	106	104	102	99	93	83	0	95
	101	104	106	105	104	100	93	84	1	97
	104	104	107	107	107	101	93	84	2	98
	103	104	108	106	105	100	93	85	3	97
	102	104	108	106	103	99	93	86	4	96
	105	106	110	109	106	100	93	88	5	99
	107	108	112	113	108	101	94	90	6	101
	111	111	115	114	110	102	96	92	7	103
118	114	119	119	115	108	100	97	8	108	
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	99	105	108	106	104	100	93	83	-1	97
	97	106	106	103	103	100	93	83	0	96
	100	102	105	104	104	100	94	84	1	96
	102	102	104	104	105	101	94	84	2	97
	102	103	106	105	104	100	94	85	3	97
	102	104	108	105	103	99	93	86	4	97
	105	106	109	108	106	100	93	88	5	98
	108	108	110	111	108	101	93	89	6	101
	113	113	115	114	111	104	97	92	7	104
120	118	121	120	117	113	103	99	8	110	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	100	106	109	106	105	101	94	84	-1	98
	99	105	108	104	104	102	94	84	0	97
	100	103	106	103	103	101	95	85	1	96
	102	102	103	102	101	100	95	86	2	95
	104	104	105	103	102	99	95	86	3	95
	106	106	108	104	102	99	94	86	4	96
	108	108	108	107	105	100	94	88	5	98
	110	109	109	109	108	101	94	90	6	100
	114	114	115	113	111	104	97	93	7	104
120	119	123	119	117	112	103	99	8	110	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct and correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV

VANEAXIAL FAN
ADJUSTABLE PITCH
CONTROLLABLE PITCH

ARRANGEMENT
4



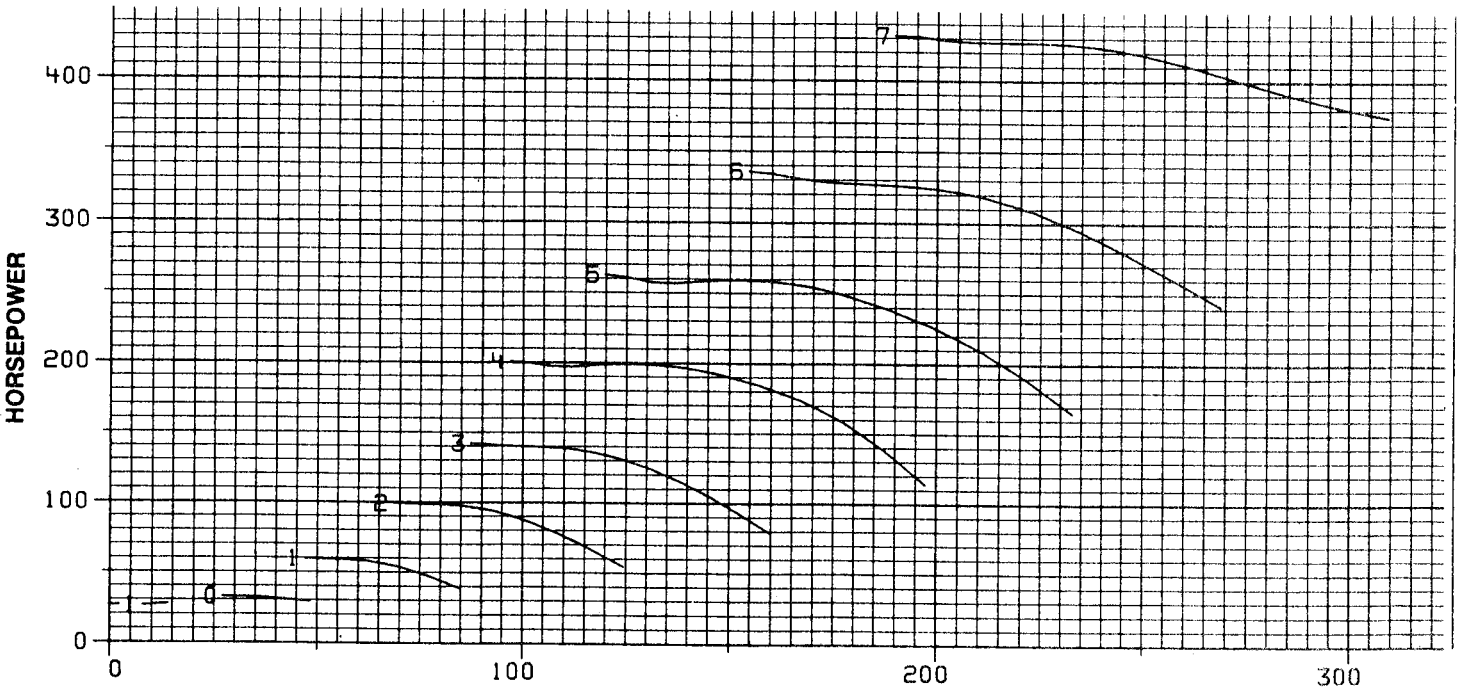
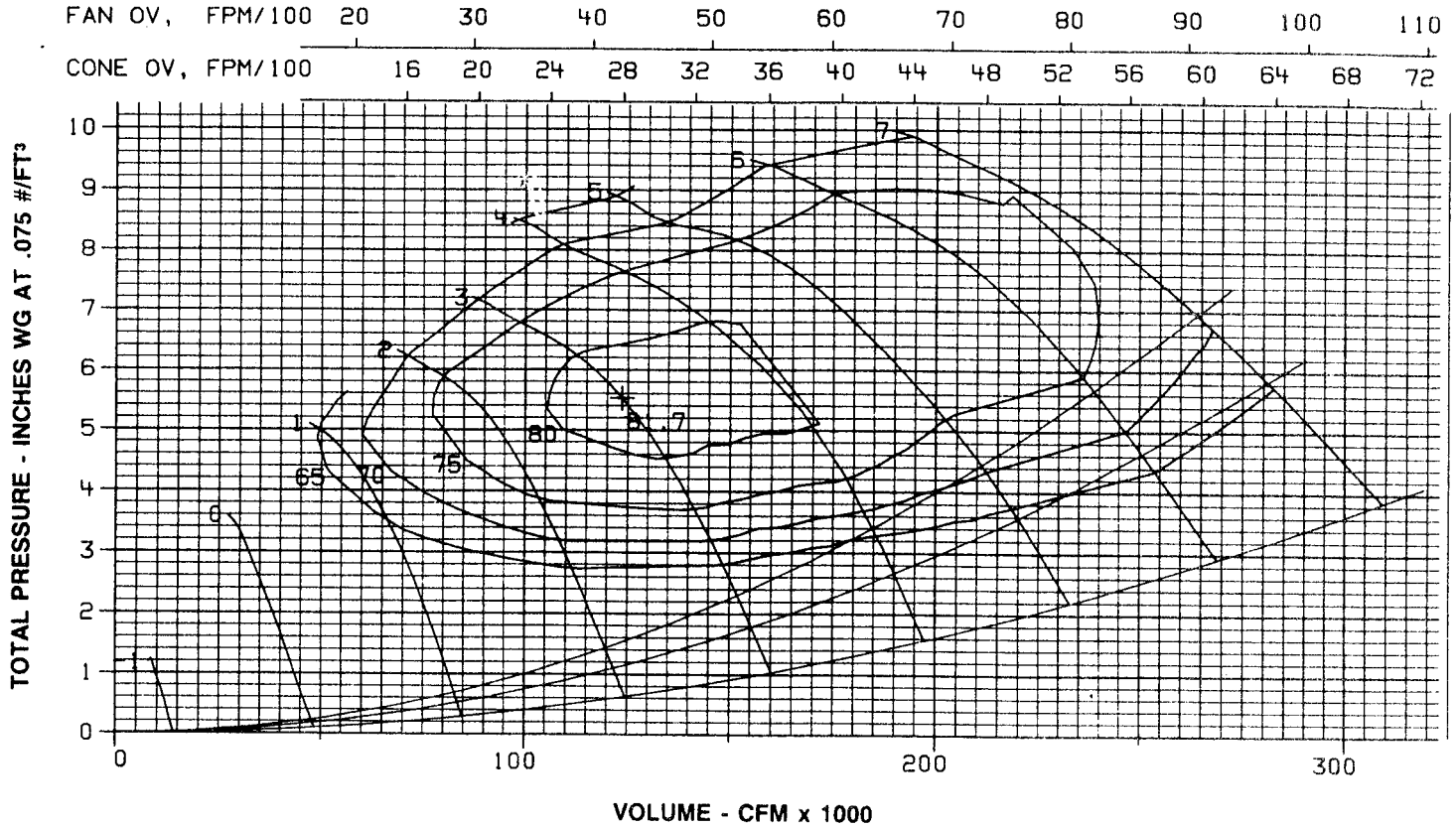
1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 7300-C12-1160 RPM 1160

MOTOR HP	MIN.	A/4 MAX.
	75	250

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EFFECTIVE: SEPTEMBER 2019



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 7300-C12-1160

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	103	109	116	112	111	107	101	92	-1	104
	103	106	113	110	109	107	102	92	0	102
	107	107	113	111	112	108	102	93	1	104
	112	108	114	112	114	109	103	93	2	106
	111	107	114	112	112	108	102	94	3	104
	110	107	115	112	110	106	101	94	4	103
	113	109	116	115	113	108	101	96	5	106
	115	112	117	118	117	110	101	97	6	109
								7	111	
								8		
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	103	108	115	112	111	108	102	93	-1	104
	102	106	113	109	109	108	103	93	0	103
	106	106	112	109	111	108	103	93	1	103
	110	106	111	109	112	108	103	94	2	104
	110	106	113	110	111	108	103	94	3	103
	110	106	116	112	110	107	102	95	4	104
	113	109	116	114	113	109	101	96	5	106
	116	112	116	117	116	110	101	96	6	108
120	117	121	121	119	113	104	100	7	111	
								8		
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	105	109	116	112	112	109	103	94	-1	105
	104	108	116	110	110	109	104	94	0	104
	107	107	113	109	109	108	105	94	1	103
	110	106	110	108	108	106	105	95	2	101
	112	108	112	109	108	106	104	95	3	102
	114	110	115	110	109	106	103	95	4	103
	116	112	115	112	112	108	102	96	5	105
	118	114	116	114	115	110	102	97	6	107
121	119	121	119	119	113	105	100	7	111	
								8		

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



SIZE 8112-C12- 690

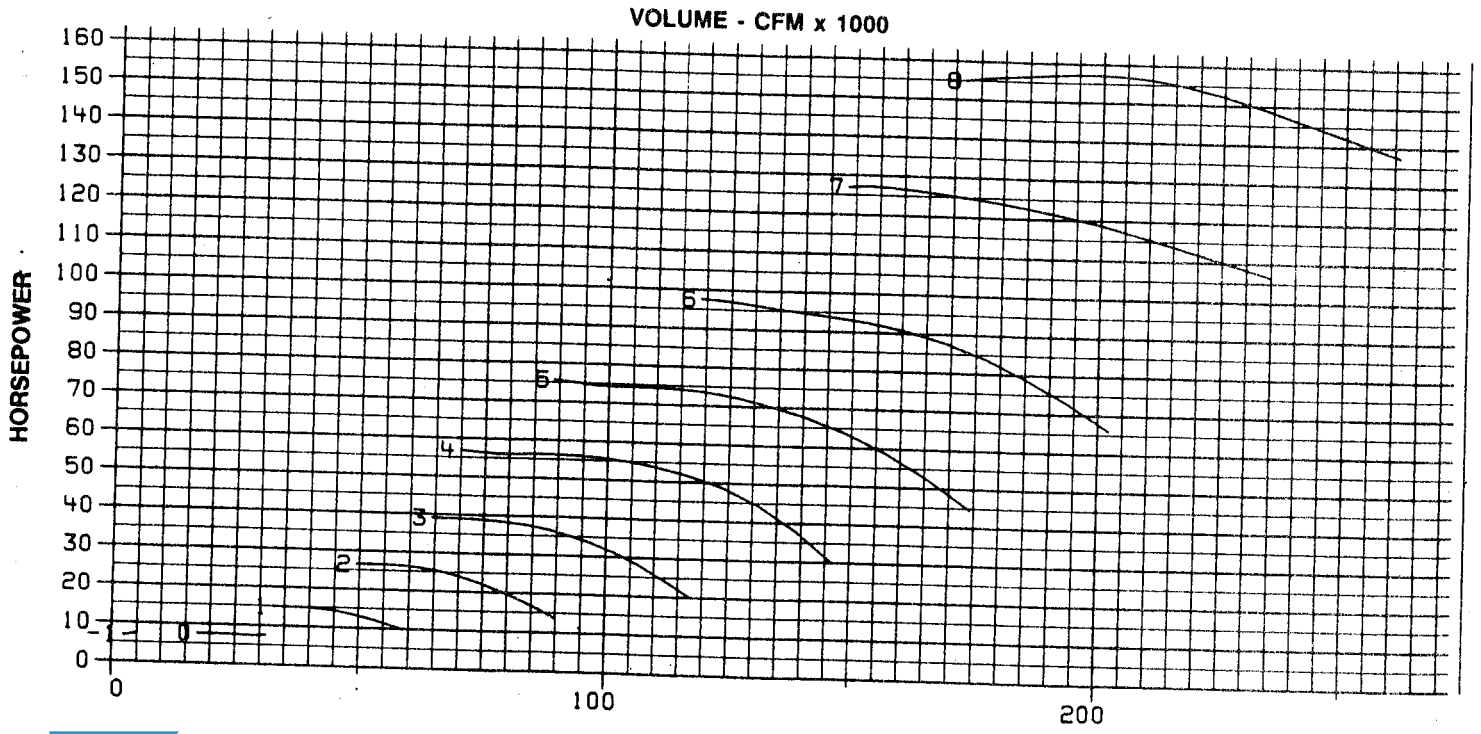
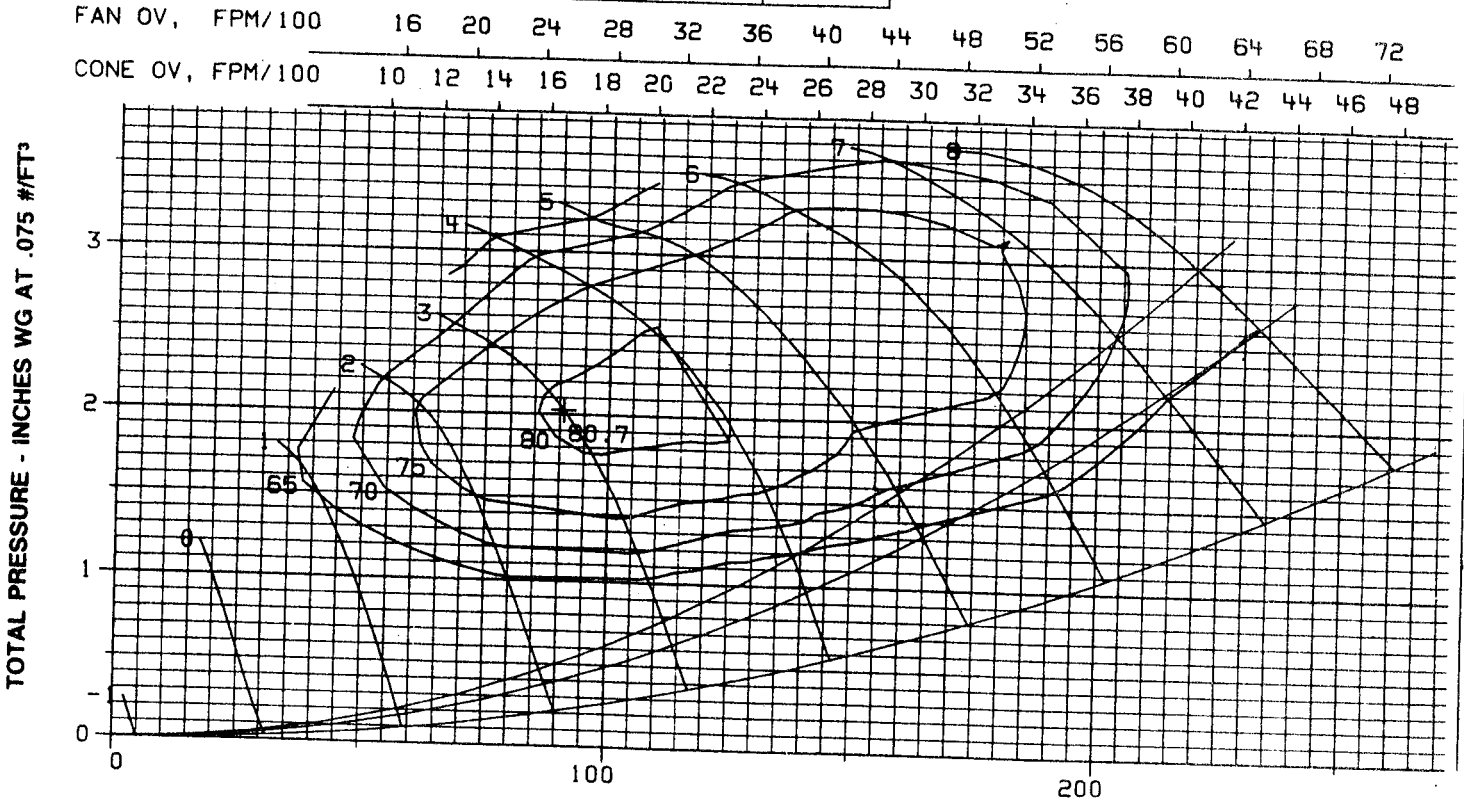
RPM 690

1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

MOTOR	MIN.	A/4 MAX.
HP	20	150

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EFFECTIVE: SEPTEMBER 2019



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 8112-C12-690

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	96	106	104	102	100	96	87	78	-1	93
	93	102	100	99	99	97	88	77	0	92
	96	102	101	102	101	97	88	78	1	93
	98	101	102	106	103	97	88	78	2	95
	98	103	103	104	101	96	88	80	3	94
	97	104	104	102	100	95	89	82	4	93
	101	106	107	106	102	96	90	84	5	95
	103	107	109	109	104	96	90	86	6	98
	109	112	112	111	105	97	92	88	7	100
120	116	120	116	113	106	109	96	8	107	
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	97	106	104	103	100	96	88	78	-1	93
	94	103	101	99	99	97	88	77	0	92
	96	101	100	101	101	97	89	78	1	93
	97	99	100	103	102	98	89	79	2	94
	97	102	102	103	101	97	89	80	3	94
	97	105	104	103	100	96	89	82	4	93
	101	106	106	106	102	96	89	84	5	95
	105	106	108	108	104	96	90	85	6	98
	111	113	113	112	107	99	93	89	7	101
122	120	122	119	117	110	102	98	8	110	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	98	106	105	103	101	97	88	79	-1	94
	97	107	103	101	101	98	88	77	0	93
	97	103	101	100	99	98	89	79	1	92
	96	99	99	98	98	98	91	80	2	92
	99	102	101	99	98	97	90	81	3	92
	102	105	103	101	98	96	89	81	4	92
	105	106	105	104	101	96	90	84	5	94
	108	107	107	108	105	96	90	86	6	97
	113	114	112	112	108	100	94	90	7	101
123	122	123	119	118	111	103	99	8	110	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV CONTROLLABLE PITCH

4

SIZE 8112-C12- 890

RPM 890

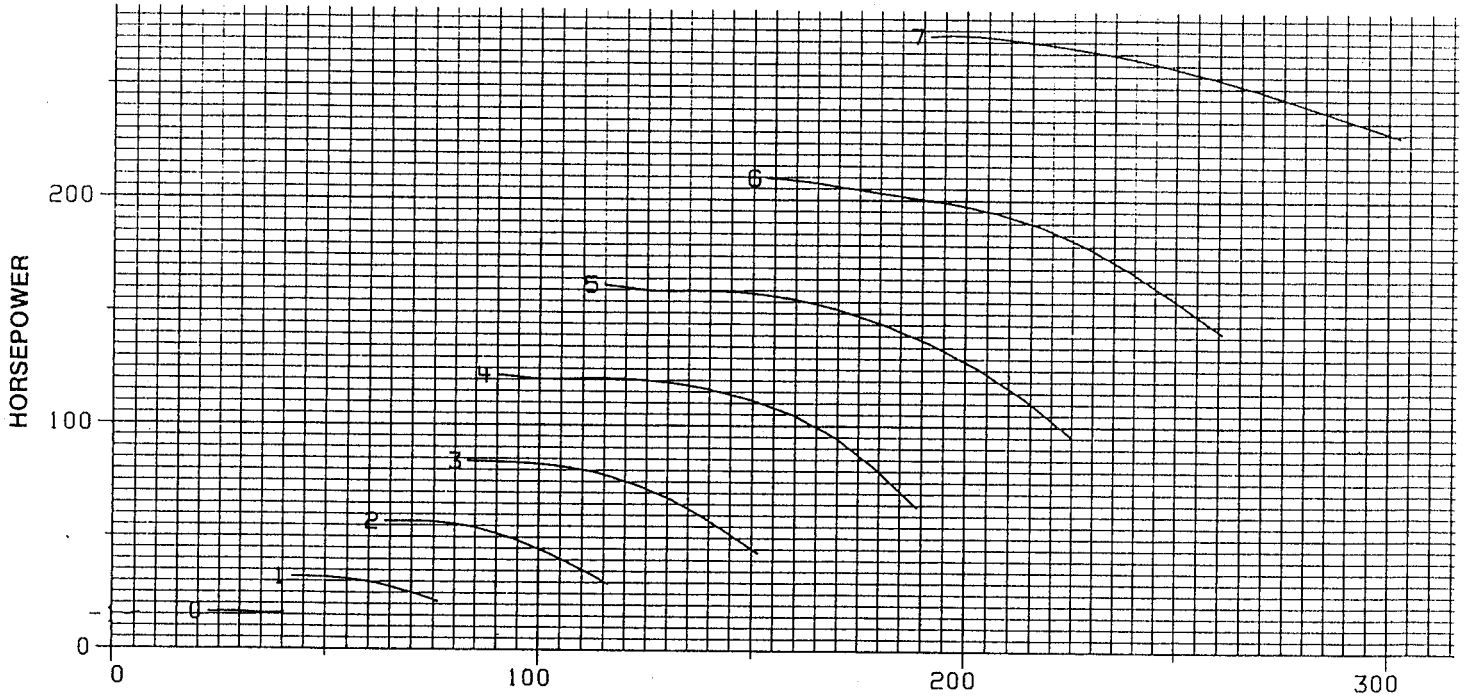
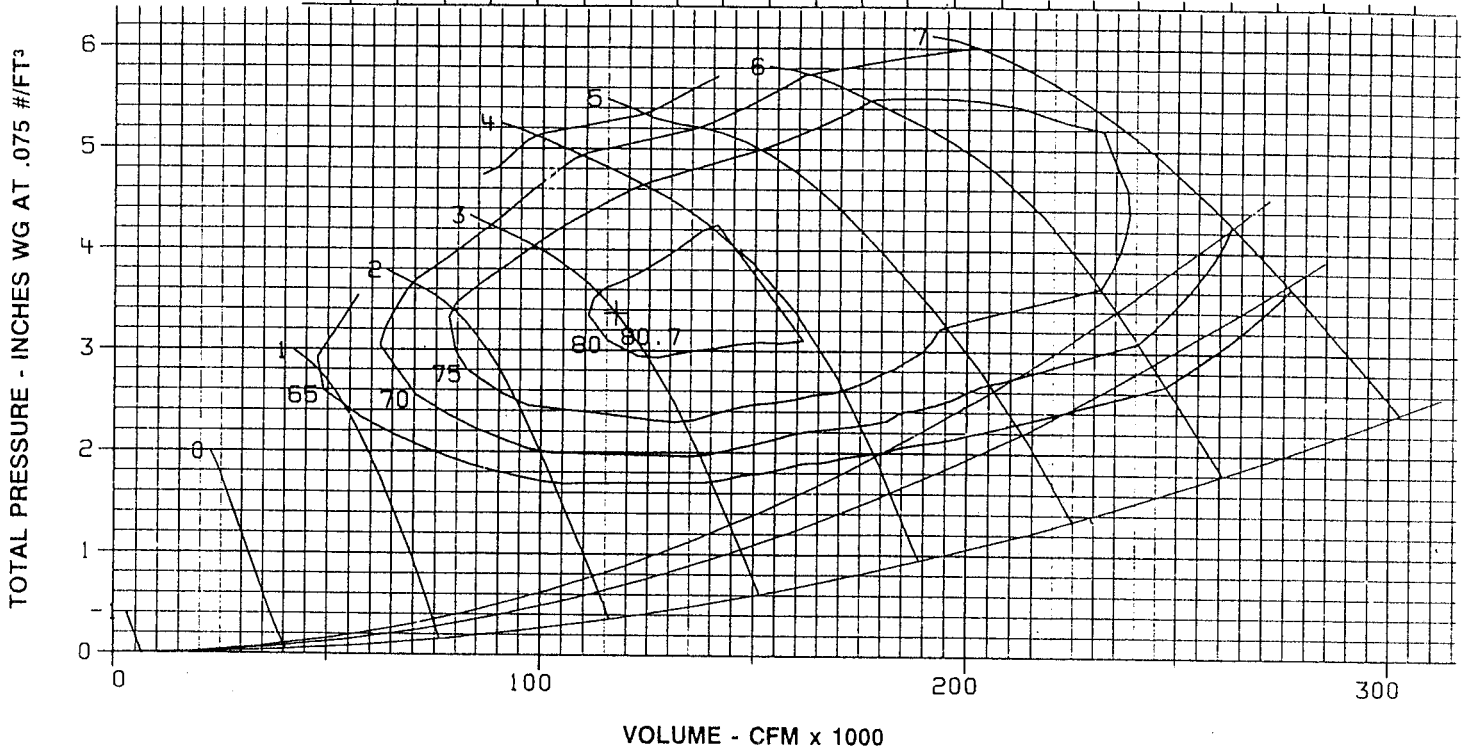
1675 GLEN ELLYN ROAD
 GLENDALE HEIGHTS, ILLINOIS 60139
 Phone 708-858-2600

MOTOR HP	MIN.	A/4 MAX.
	40	200

PAGE 82

EFFECTIVE: SEPTEMBER 2019

FAN OV, FPM/100 16 20 24 28 32 36 40 44 48 52 56 60 64 68 72 76 80 84
 CONE OV, FPM/100 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.

1675 GLEN ELLYN ROAD
 GLENDALE HEIGHTS, ILLINOIS 60139
 Phone 708-858-2600

FAN MODEL: 8112-C12-890

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	100	108	112	108	106	103	107	87	-1	100
	98	104	108	104	104	103	107	87	0	98
	102	104	108	107	107	104	107	87	1	100
	106	105	108	109	110	104	107	87	2	102
	106	105	109	109	108	104	107	89	3	100
	105	106	111	108	107	103	107	90	4	100
	107	108	113	111	109	104	107	91	5	102
	111	111	115	115	112	105	108	93	6	105
	116	116	118	117	113	106	109	95	7	106
								8		
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	100	108	114	108	107	103	97	87	-1	100
	98	105	109	105	105	104	98	87	0	98
	102	104	107	106	107	104	98	87	1	99
	105	104	106	107	109	105	98	88	2	101
	105	105	109	108	108	104	98	89	3	100
	105	106	111	108	107	103	97	90	4	100
	109	108	112	111	109	104	97	91	5	102
	113	111	113	114	112	105	97	92	6	104
	119	118	119	118	115	108	100	96	7	108
								8		
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	101	108	112	109	108	104	97	88	-1	101
	101	108	112	106	106	105	98	87	0	100
	103	106	109	105	105	104	99	88	1	99
	104	103	105	104	103	103	100	90	2	98
	107	106	108	105	104	103	99	90	3	98
	110	109	110	106	105	102	98	90	4	98
	113	111	111	109	108	104	98	91	5	101
	116	113	112	112	112	105	98	93	6	104
	121	119	119	117	115	108	101	97	7	108
								8		

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 8112-C12-1160

RPM 1160

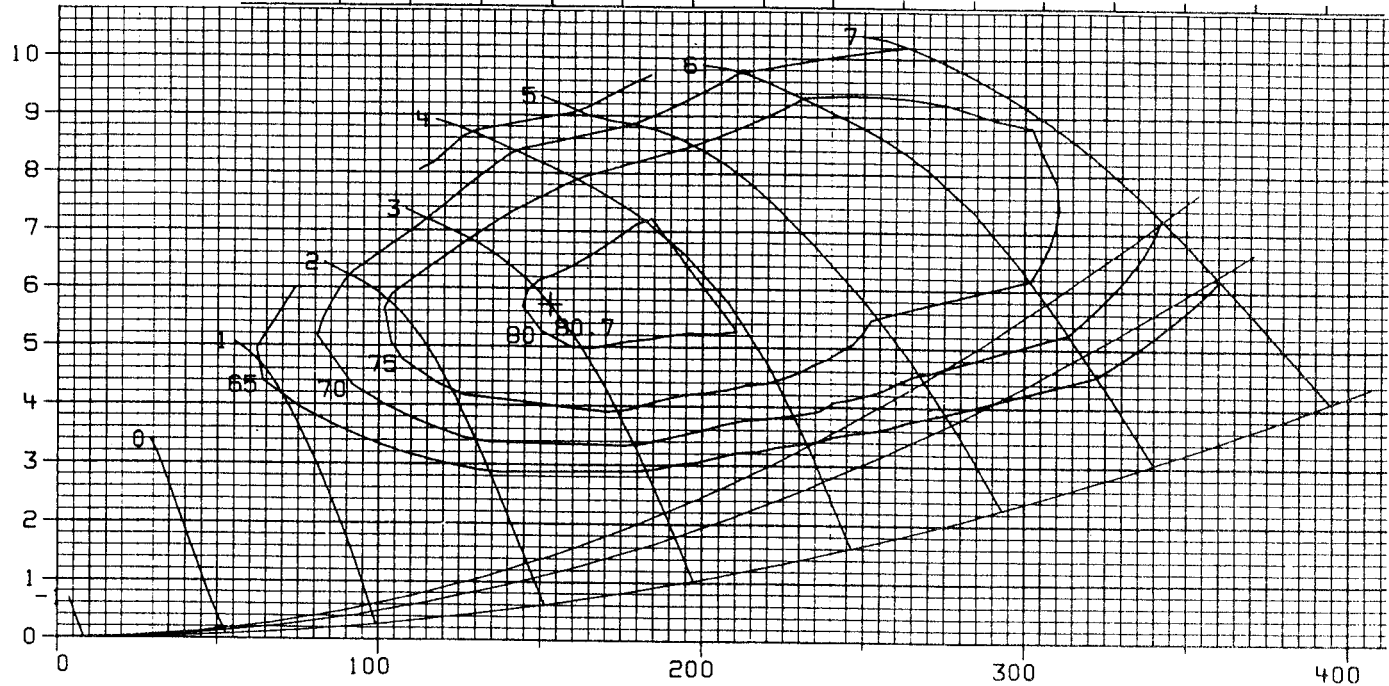
MOTOR HP	MIN.	A/4 MAX.
	75	250

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EFFECTIVE: SEPTEMBER 2019

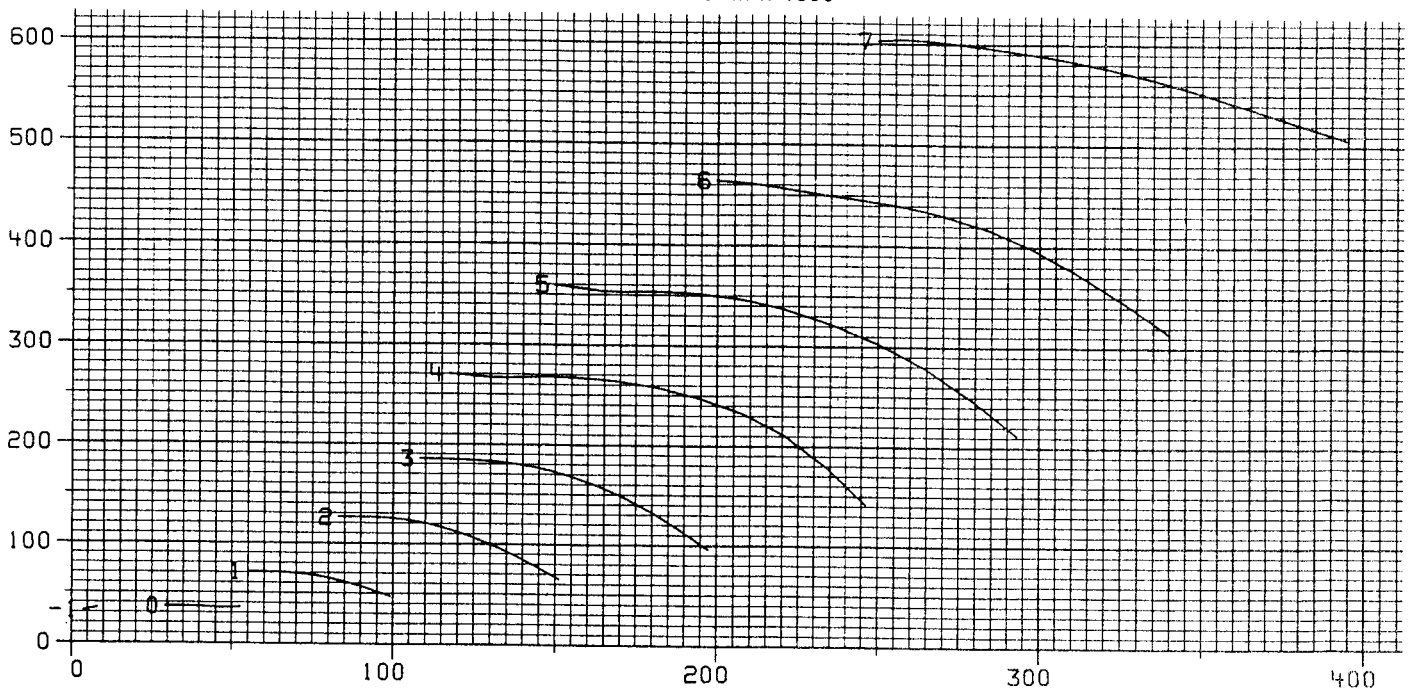
FAN OV, FPM/100 20 30 40 50 60 70 80 90 100 110
 CONE OV, FPM/100 16 20 24 28 32 36 40 44 48 52 56 60 64 68 72

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



VOLUME - CFM x 1000

HORSEPOWER



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.

BULLETIN VAV-47

FAN MODEL: 8112-C12-1160

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	103	110	120	114	113	110	106	96	-1	107
	102	106	116	110	110	110	107	97	0	105
	108	108	115	111	114	111	107	97	1	106
	114	109	113	114	118	113	106	97	2	109
	114	108	116	114	116	111	106	98	3	107
	113	108	118	114	114	110	106	98	4	107
	116	111	119	117	117	112	105	99	5	109
	119	114	120	121	120	114	105	101	6	112
	124	120	125	123	121	115	107	103	7	114
									8	
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	104	110	120	114	114	111	106	97	-1	107
	103	107	117	110	110	111	107	97	0	105
	108	108	114	111	113	112	108	97	1	106
	113	108	112	111	116	113	108	98	2	107
	113	108	115	113	115	112	107	98	3	107
	113	108	119	114	114	111	106	99	4	107
	117	112	119	117	117	113	105	99	5	109
	121	116	118	120	120	114	104	100	6	111
	126	123	125	124	123	117	108	103	7	115
									8	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	106	111	119	115	114	112	107	97	-1	108
	105	110	121	112	112	112	108	97	0	107
	109	109	116	111	111	110	109	98	1	105
	112	107	112	109	109	111	109	99	2	104
	115	110	115	111	110	111	108	99	3	105
	118	113	118	113	112	108	106	99	4	105
	121	116	118	115	116	111	106	100	5	108
	124	118	119	117	109	115	105	101	6	111
	128	125	125	123	123	118	109	104	7	115
									8	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet LwI sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN
ADJUSTABLE PITCH
CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

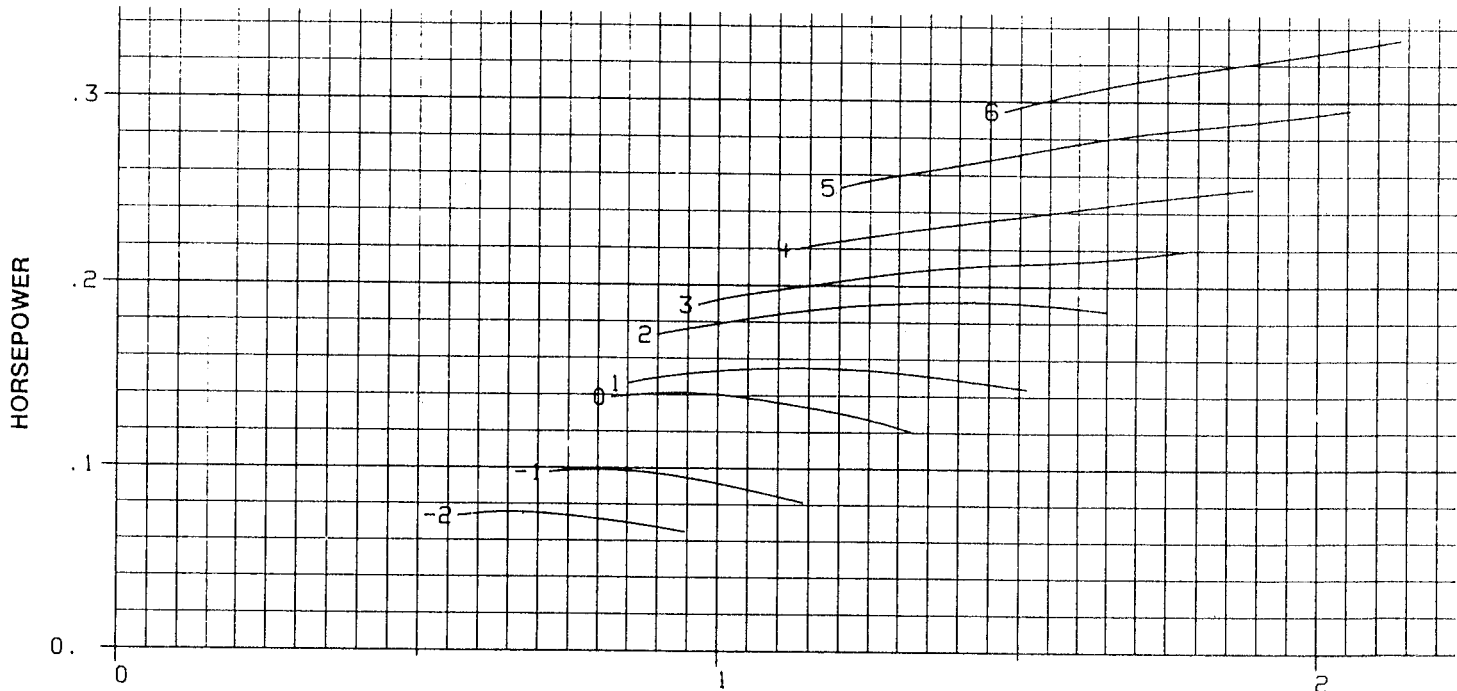
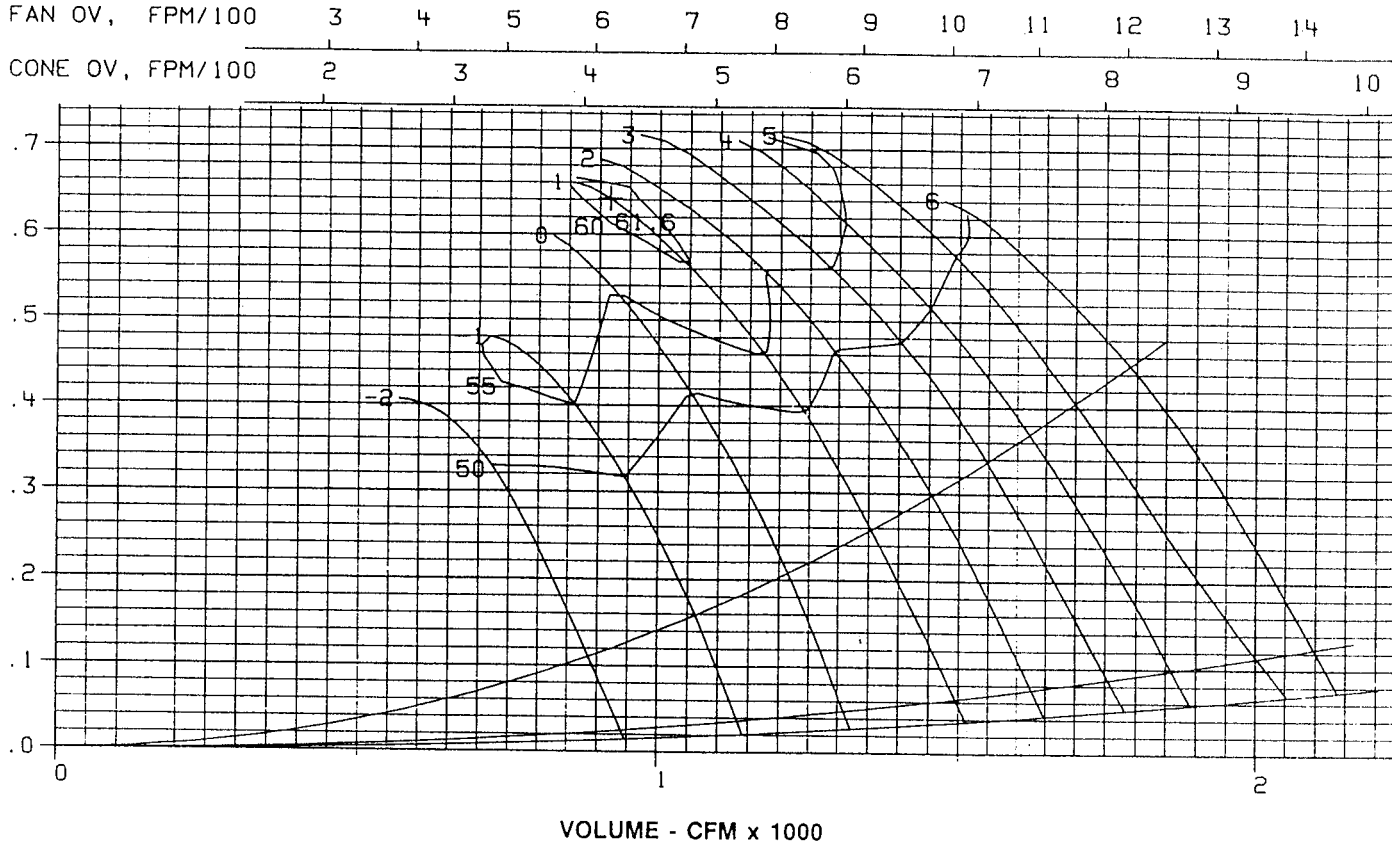
SIZE 1650-A 6-1160

RPM 1160

MOTOR HP	MIN.	A/4 MAX.
	1	10

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EFFECTIVE: SEPTEMBER 2019



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 1650-A6-1160

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	68	71	74	72	66	58	52	47	-2	62
	69	69	72	71	65	59	52	48	-1	60
	69	67	70	69	65	59	53	48	0	59
	71	68	71	70	66	60	53	49	1	60
	71	69	71	71	67	60	54	49	2	61
	72	71	73	73	69	62	55	51	3	63
	73	72	75	76	71	63	56	52	4	65
	76	73	77	78	74	65	58	55	5	67
	78	74	79	80	76	67	59	57	6	70
										7
									8	
MEDIUM Medium point is read at average TP/VP of low and high points	62	65	70	70	65	59	54	50	-2	59
	65	65	69	70	65	60	53	49	-1	59
	68	66	69	69	65	60	53	48	0	59
	70	67	70	70	66	60	54	49	1	60
	70	68	71	71	67	60	54	49	2	61
	70	68	72	73	69	62	55	50	3	62
	70	69	73	75	71	63	56	52	4	64
	71	69	76	77	73	65	58	55	5	66
	71	69	78	78	75	66	60	58	6	68
										7
									8	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	59	62	69	70	67	62	56	52	-2	60
	64	64	67	70	66	61	55	50	-1	59
	67	67	67	69	67	61	54	48	0	59
	70	68	68	70	67	61	54	49	1	60
	71	69	70	72	67	61	54	49	2	61
	73	69	73	74	69	62	55	50	3	63
	74	69	78	75	70	63	56	51	4	65
	73	69	78	77	72	65	58	54	5	66
	71	69	76	78	75	67	60	58	6	68
										7
									8	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



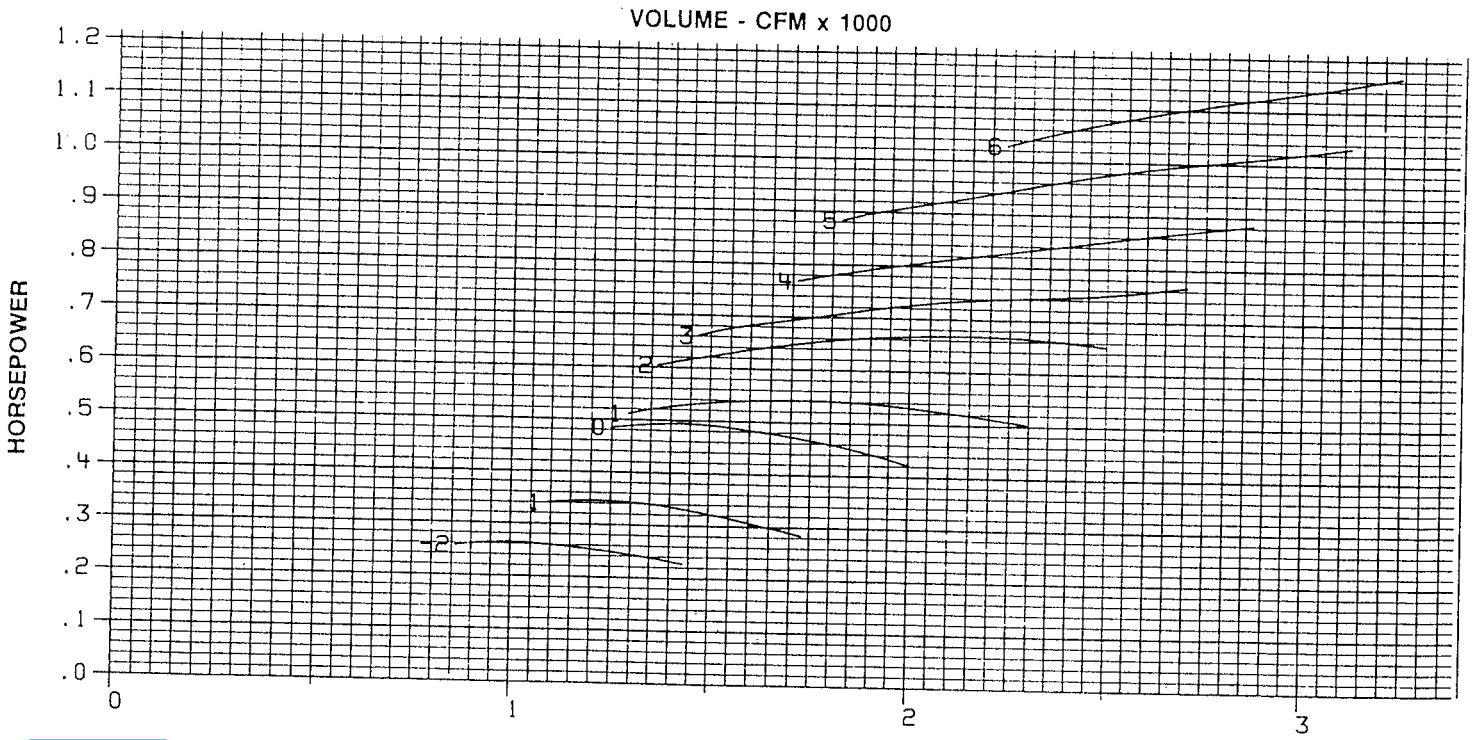
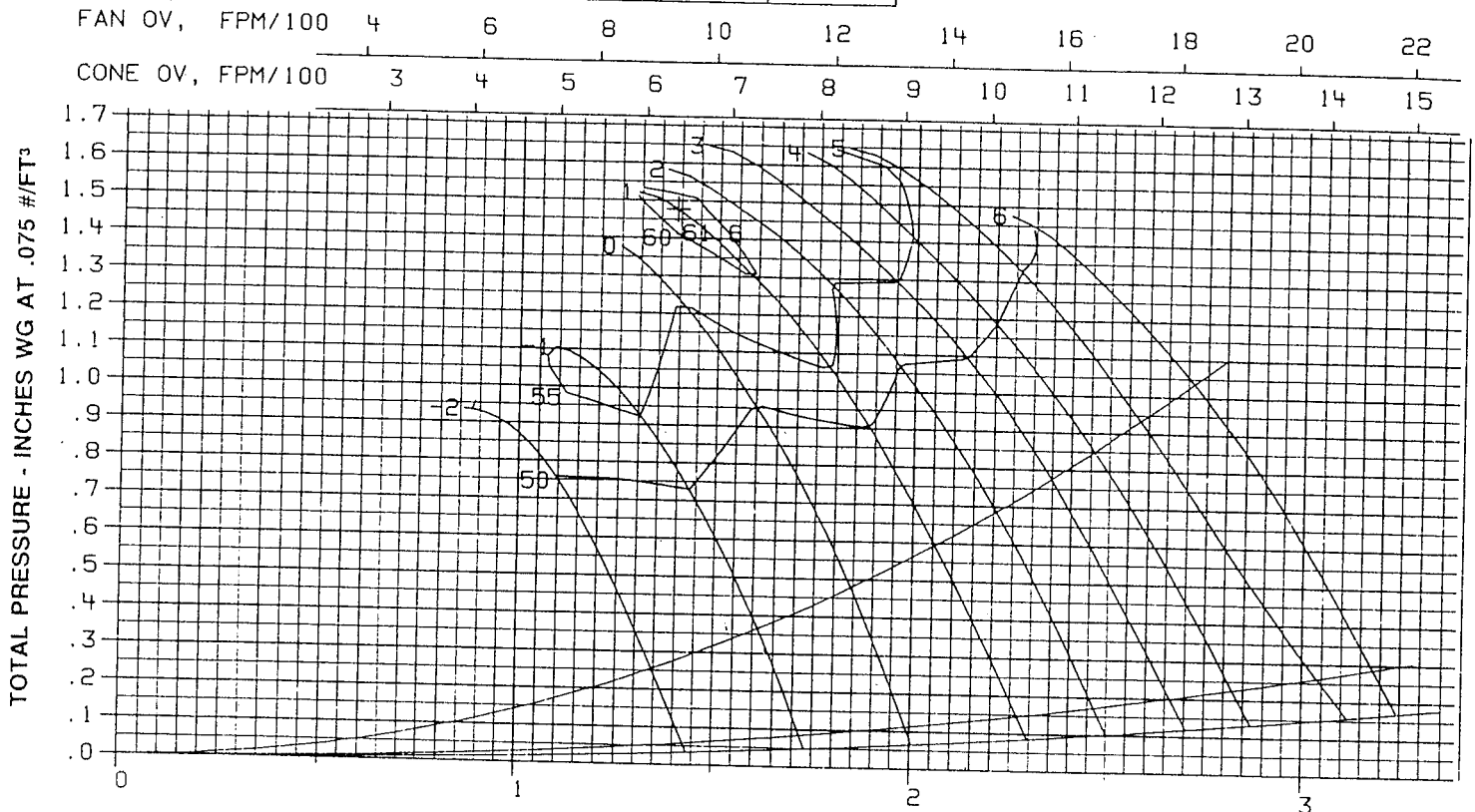
1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 1650-A 6-1760

RPM 1760

MOTOR HP	MIN.	A/4 MAX.
	1	20

PAGE 85
EFFECTIVE: SEPTEMBER 2019



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 1650-A6-1760

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	80	80	84	85	78	72	64	59	-2	73
	79	80	81	82	78	72	65	59	-1	72
	78	80	79	80	76	72	66	60	0	70
	78	82	80	81	77	72	66	60	1	71
	78	82	81	82	78	73	66	61	2	72
	79	84	82	83	81	75	68	62	3	74
	81	85	84	85	83	77	70	64	4	76
	83	87	85	88	85	80	71	66	5	78
	86	89	87	90	88	82	73	68	6	80
									7	
								8		
MEDIUM Medium point is read at average TP/VP of low and high points	84	74	77	82	77	73	65	61	-2	71
	85	76	78	80	77	72	66	60	-1	70
	86	79	78	80	77	72	66	60	0	70
	87	81	79	80	77	73	66	61	1	71
	88	82	80	81	78	73	67	61	2	71
	88	82	80	82	80	75	68	62	3	73
	88	82	81	84	82	77	69	63	4	75
	88	82	82	86	84	79	71	66	5	77
	88	82	83	89	86	80	73	68	6	78
									7	
								8		
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	72	70	75	81	78	75	68	63	-2	71
	74	75	76	79	78	74	67	62	-1	70
	76	79	78	78	77	73	67	60	0	70
	77	81	79	79	78	74	67	61	1	71
	78	83	81	81	79	74	67	62	2	72
	80	83	82	84	81	75	68	62	3	74
	81	84	83	86	82	76	69	63	4	76
	80	84	83	87	84	79	71	66	5	77
	78	83	83	87	86	81	73	68	6	78
									7	
								8		

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



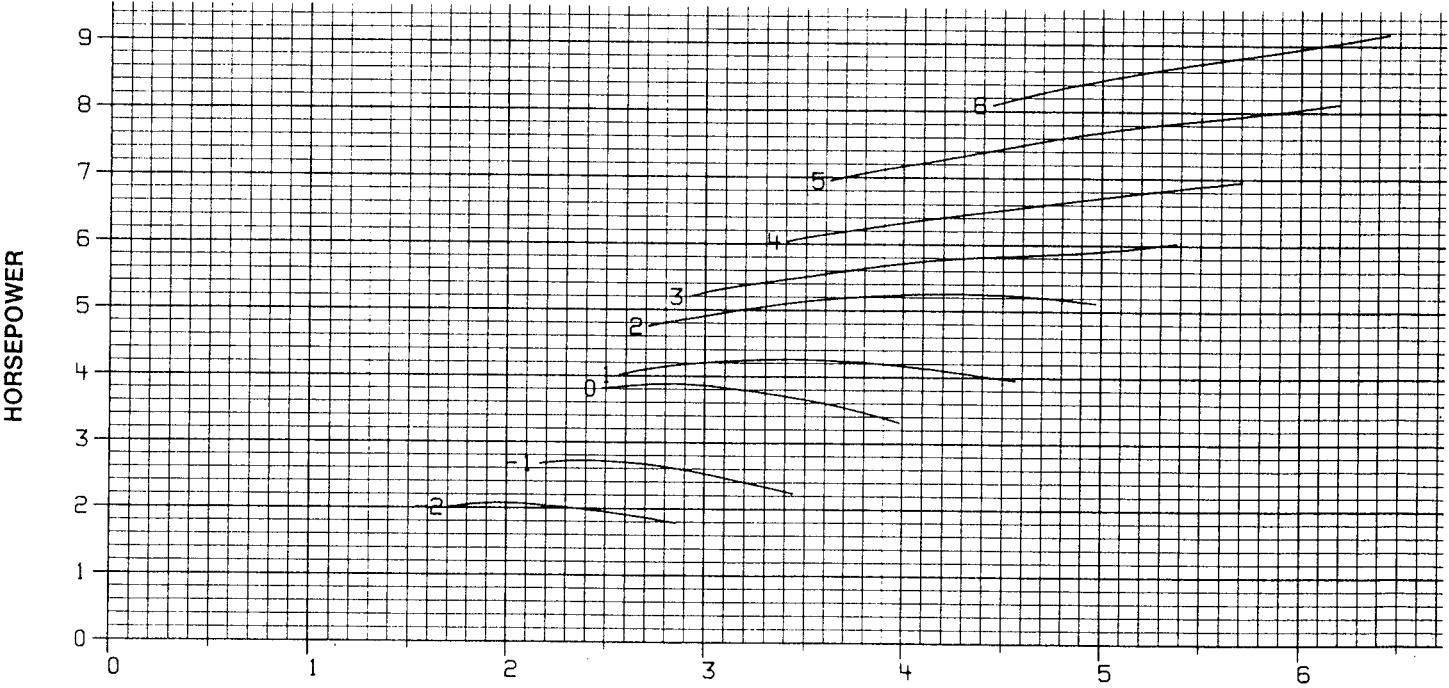
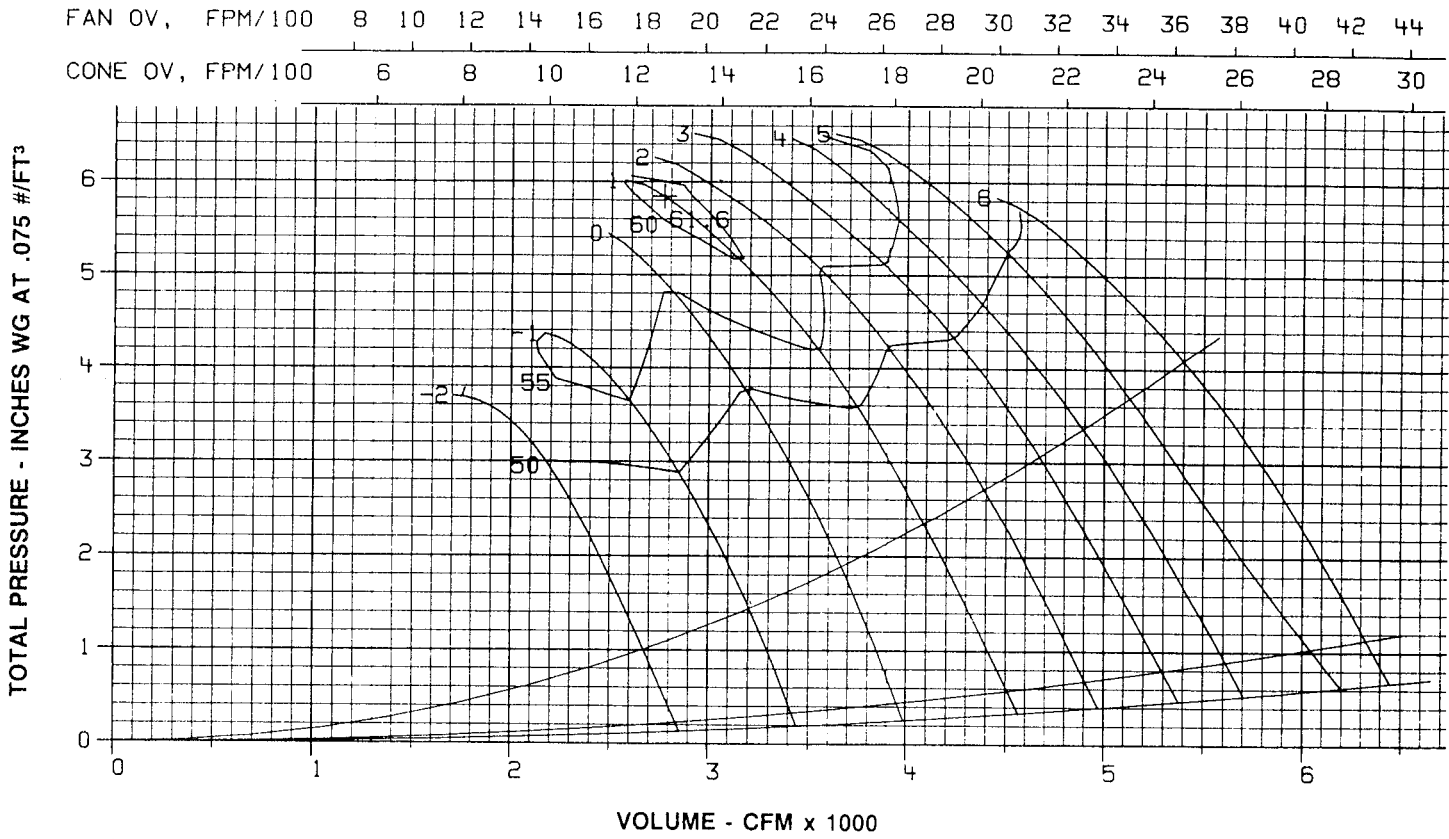
1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 1650-A 6-3500

RPM 3500

MOTOR HP	MIN.	A/4 MAX.
	3	20

EFFECTIVE: SEPTEMBER 2019



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 1650-A6-3500

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	92	99	98	101	99	93	87	79	-2	92
	91	89	98	98	97	93	87	80	-1	90
	90	86	98	96	95	91	86	81	0	88
	90	87	100	97	96	92	87	81	1	89
	90	88	100	98	97	93	88	81	2	90
	91	90	102	99	98	96	90	83	3	92
	92	91	103	101	100	98	92	84	4	93
	95	92	105	102	102	100	94	86	5	96
	98	93	107	104	105	103	97	88	6	98
									7	
								8		
MEDIUM Medium point is read at average TP/VP of low and high points	86	94	92	94	97	92	88	80	-2	88
	87	85	94	95	95	92	87	81	-1	87
	88	85	97	95	94	91	87	81	0	88
	89	86	99	96	95	92	88	87	1	88
	90	87	99	96	96	93	88	82	2	89
	90	87	100	97	97	95	90	83	3	91
	90	88	100	98	99	97	92	84	4	92
	90	88	100	99	101	99	93	86	5	94
	90	88	100	100	103	101	95	88	6	95
									7	
								8		
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	84	92	88	92	96	93	90	83	-2	88
	86	84	93	92	94	92	89	82	-1	87
	87	86	97	95	93	92	88	82	0	87
	89	87	99	96	94	93	88	82	1	89
	90	88	100	97	96	94	89	82	2	90
	92	88	101	99	99	96	90	83	3	92
	93	88	102	100	101	97	91	84	4	93
	92	88	101	100	102	99	93	86	5	94
	90	88	101	100	102	101	96	88	6	95
									7	
								8		

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV

VANEAXIAL FAN
ADJUSTABLE PITCH
CONTROLLABLE PITCH

ARRANGEMENT
4



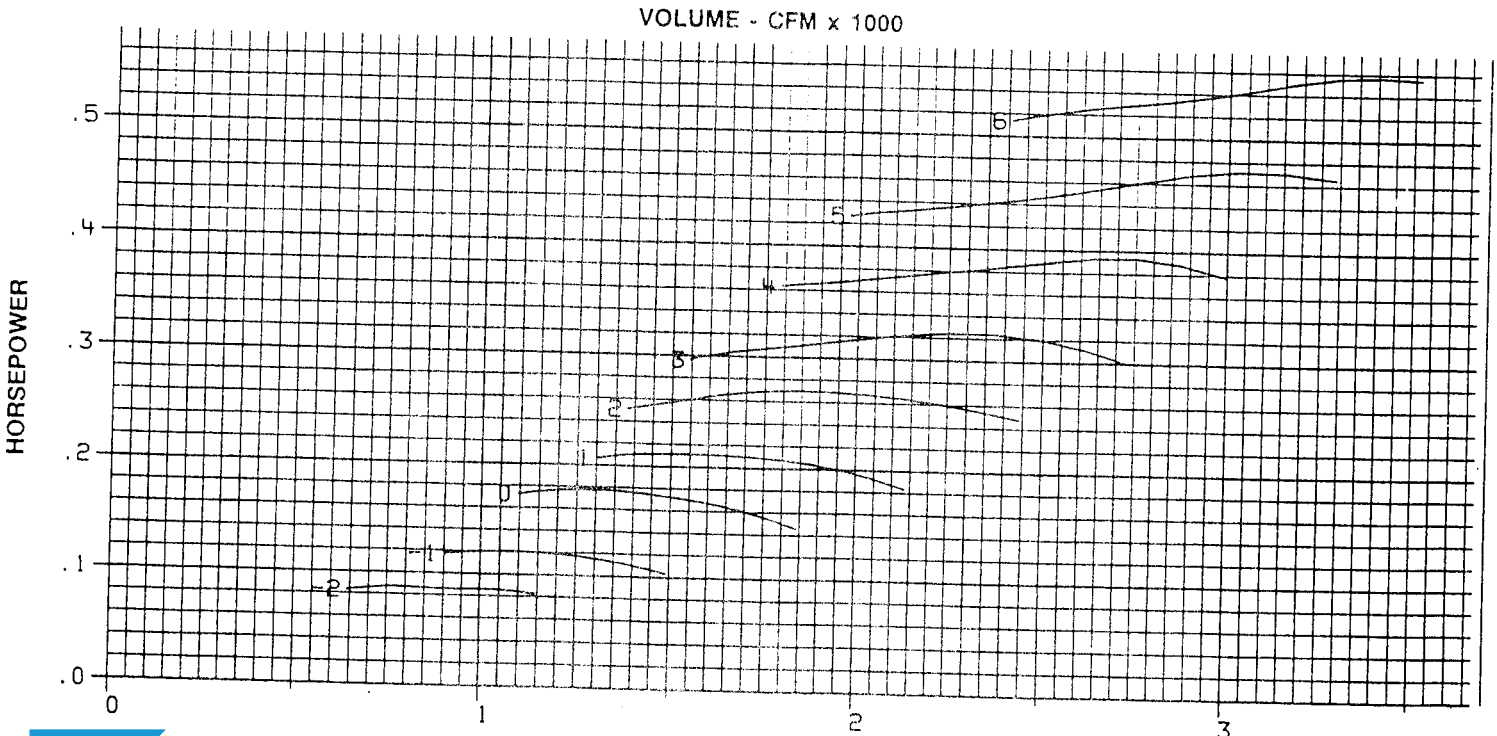
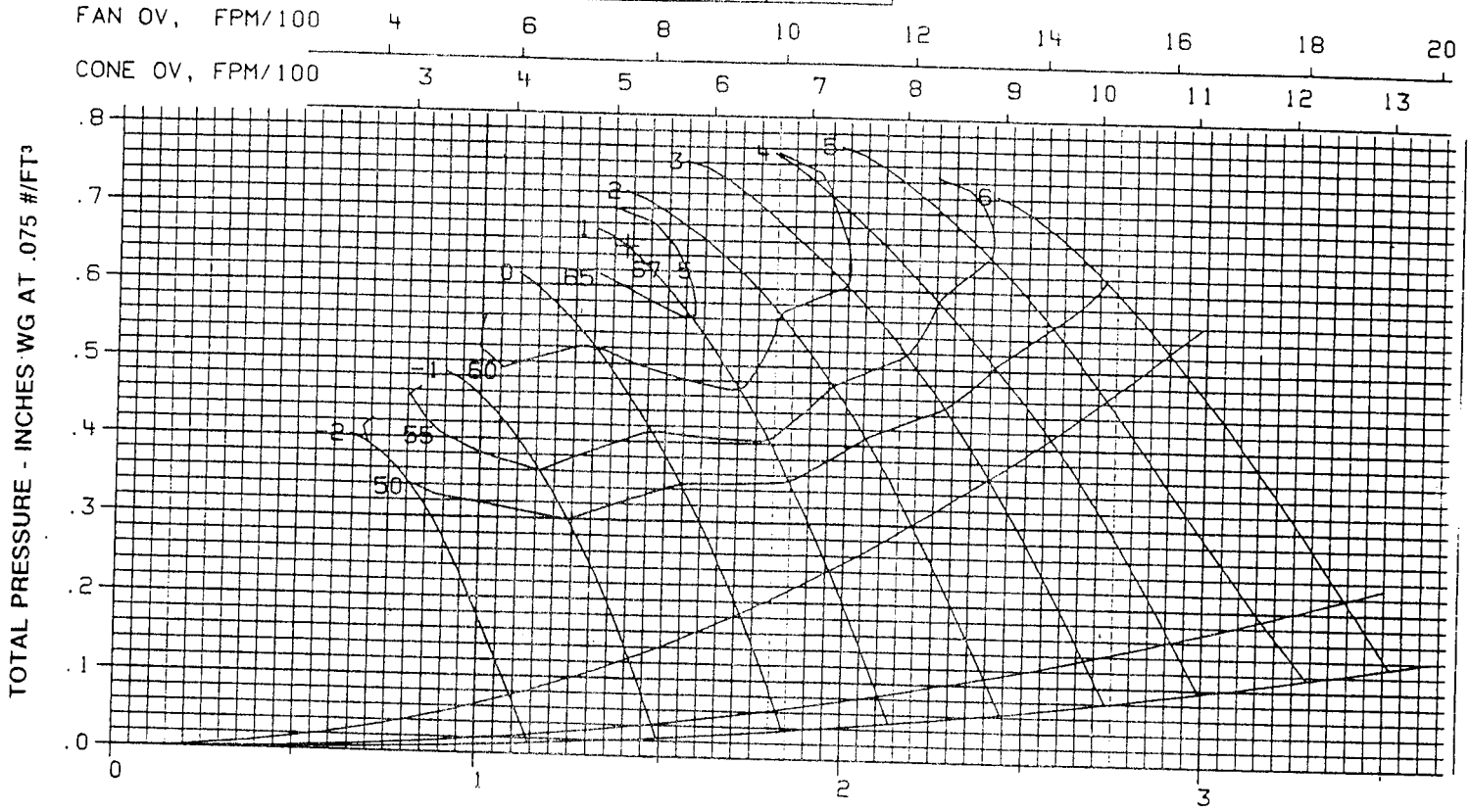
1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 1825-A 6-1160 RPM 1160

MOTOR HP	MIN.	A/4 MAX.
		1

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EFFECTIVE: SEPTEMBER 2019



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 1825-A6-1160

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	72	74	75	74	68	61	55	49	-2	64
	71	72	74	74	68	62	55	50	-1	63
	71	69	72	73	68	63	56	51	0	62
	73	70	73	74	69	63	57	52	1	63
	74	71	75	74	70	64	59	53	2	64
	75	72	76	76	72	65	59	54	3	66
	76	73	76	77	73	67	60	56	4	67
	79	75	79	80	76	68	61	58	5	69
	81	77	81	82	78	70	62	60	6	72
									7	
								8		
MEDIUM Medium point is read at average TP/VP of low and high points	67	69	72	72	68	62	56	51	-2	62
	68	69	71	72	68	63	56	51	-1	62
	70	67	71	72	69	63	56	51	0	62
	72	69	72	73	69	63	57	51	1	63
	73	70	73	73	69	63	57	52	2	63
	74	71	74	75	71	65	58	54	3	65
	74	71	75	77	73	66	60	56	4	66
	74	71	78	79	75	68	61	58	5	68
	75	72	80	81	77	69	63	61	6	70
									7	
								8		
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	64	66	71	73	70	64	68	53	-2	63
	67	66	70	72	69	65	68	52	-1	62
	69	68	68	71	69	64	68	51	0	62
	72	70	70	72	69	64	68	51	1	62
	74	72	72	73	69	64	67	52	2	63
	75	72	75	75	71	65	69	53	3	65
	77	72	78	77	72	66	60	55	4	67
	76	72	78	78	75	68	61	58	5	68
	74	72	78	80	77	69	63	60	6	70
									7	
								8		

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

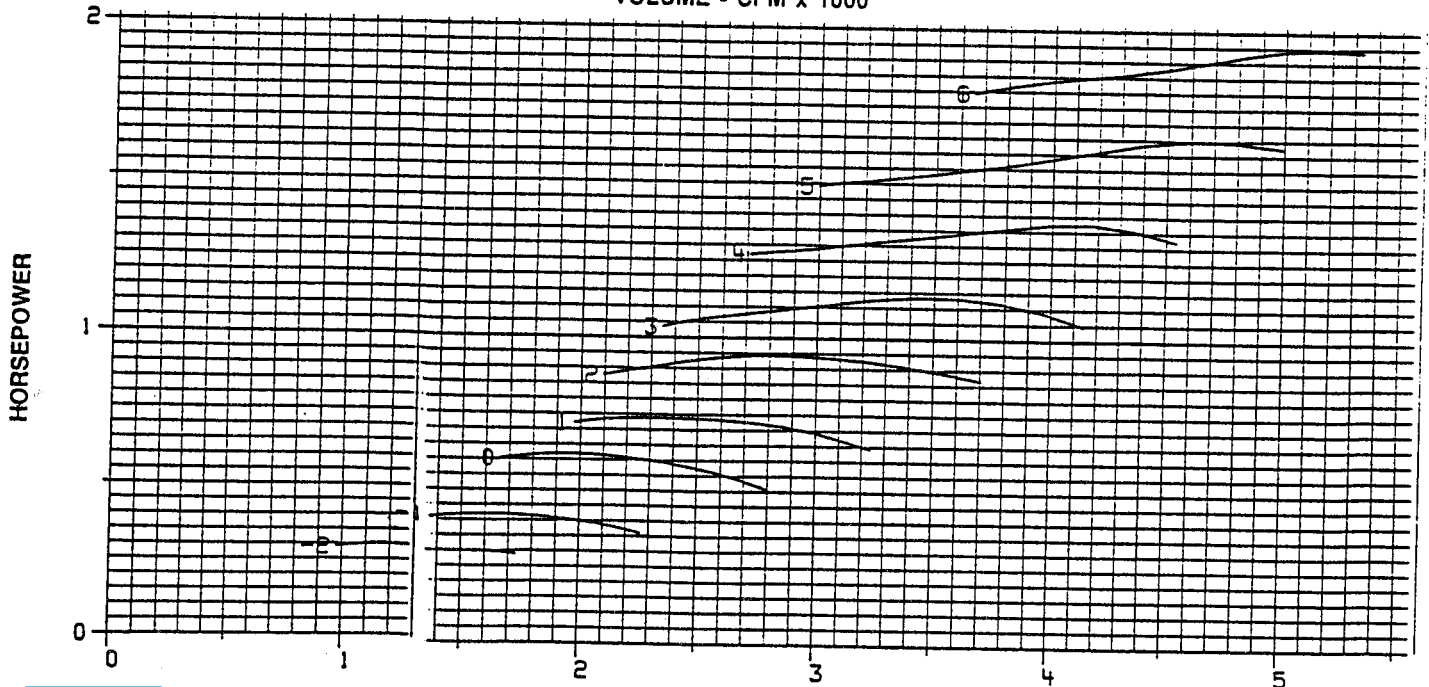
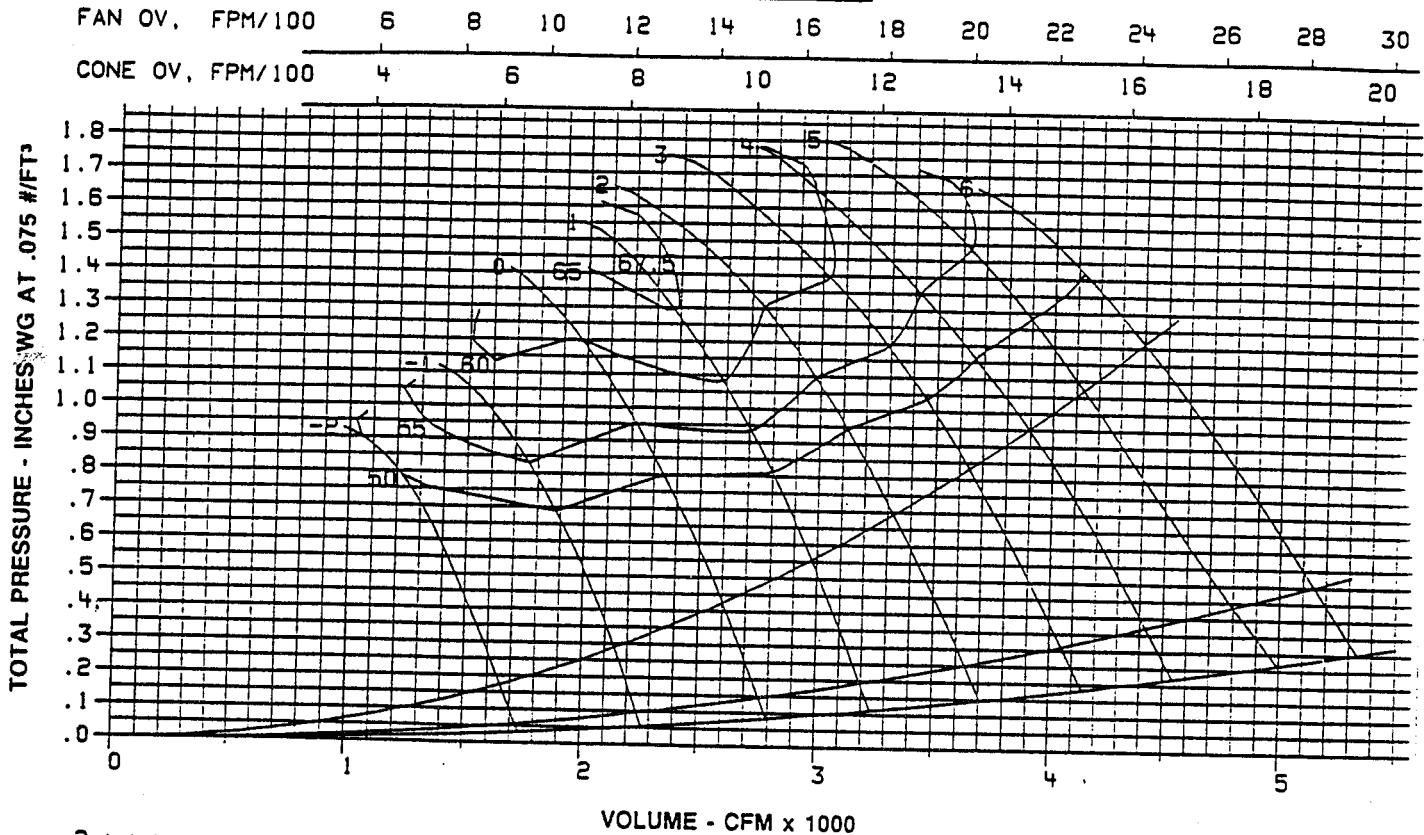
SIZE 1825-A 6-1760

RPM 1760

MOTOR HP	MIN.	A/4 MAX.
	1	20

PAGE 88

EFFECTIVE: SEPTEMBER 2019



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 1825-A6-1760

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	81	85	85	86	81	75	67	62	-2	75
	80	83	83	84	81	75	68	62	-1	74
	79	82	81	83	80	75	69	63	0	73
	80	84	82	84	81	76	70	64	1	74
	81	85	83	85	82	77	70	64	2	75
	82	86	84	86	83	78	72	66	3	76
	83	87	85	87	85	80	73	67	4	78
	86	89	88	90	87	82	75	69	5	80
	89	91	90	92	90	84	76	71	6	83
								7		
								8		
MEDIUM Medium point is read at average TP/VP of low and high points	76	80	80	83	80	75	68	63	-2	73
	77	80	80	82	80	75	69	63	-1	73
	78	80	80	82	80	76	70	63	0	73
	79	82	81	83	80	76	70	64	1	73
	81	84	82	83	81	76	70	64	2	74
	81	84	83	85	82	78	71	66	3	75
	81	84	84	86	84	79	73	67	4	77
	82	85	85	88	86	81	74	69	5	79
	82	85	86	91	88	83	76	71	6	81
								7		
								8		
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	75	75	79	84	81	77	71	65	-2	74
	76	78	78	81	80	77	71	64	-1	73
	77	80	79	80	79	76	71	64	0	72
	79	82	81	81	80	76	71	64	1	73
	81	84	83	83	81	76	70	64	2	74
	83	86	84	85	82	78	72	66	3	76
	84	87	85	87	84	79	73	67	4	77
	83	86	85	88	86	81	74	69	5	79
	82	85	85	89	88	83	76	71	6	80
								7		
								8		

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 1825-A 6-3500

RPM 3500

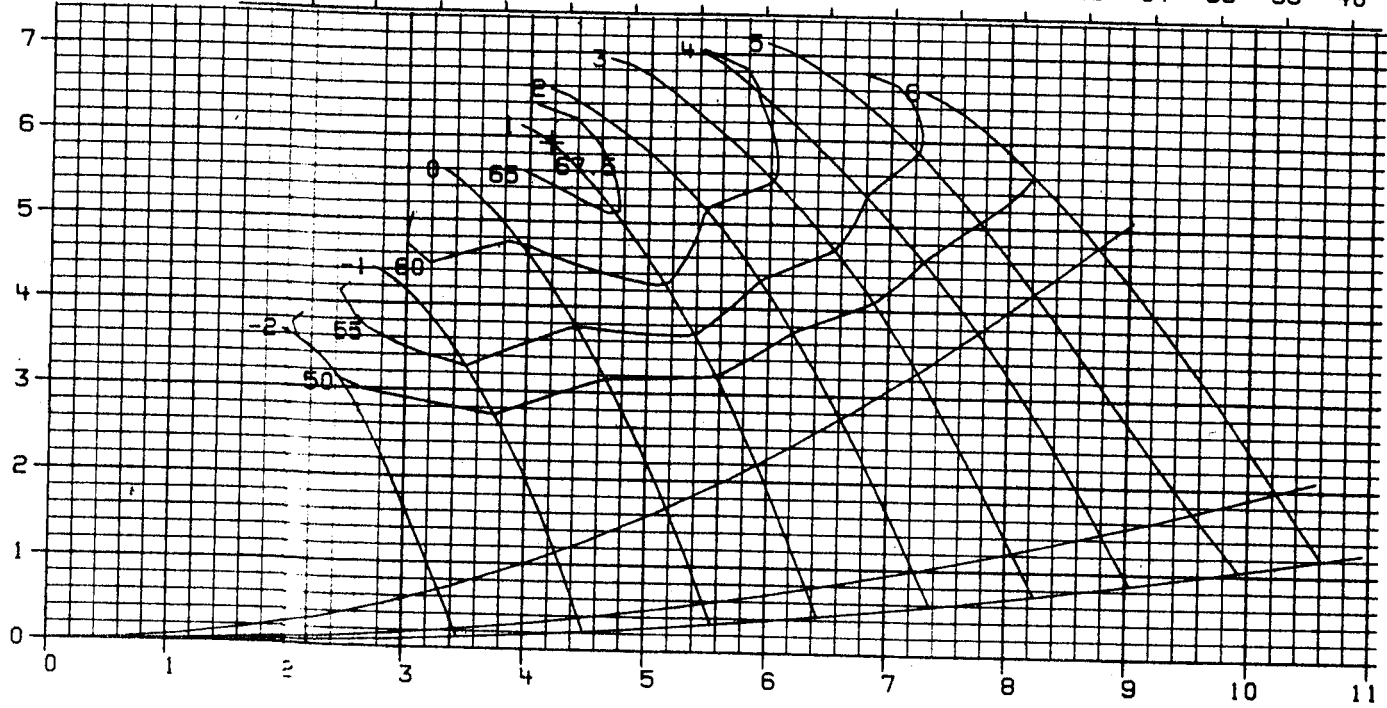
MOTOR HP	MIN.	A/4 MAX.
	3	20

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EFFECTIVE: SEPTEMBER 2019

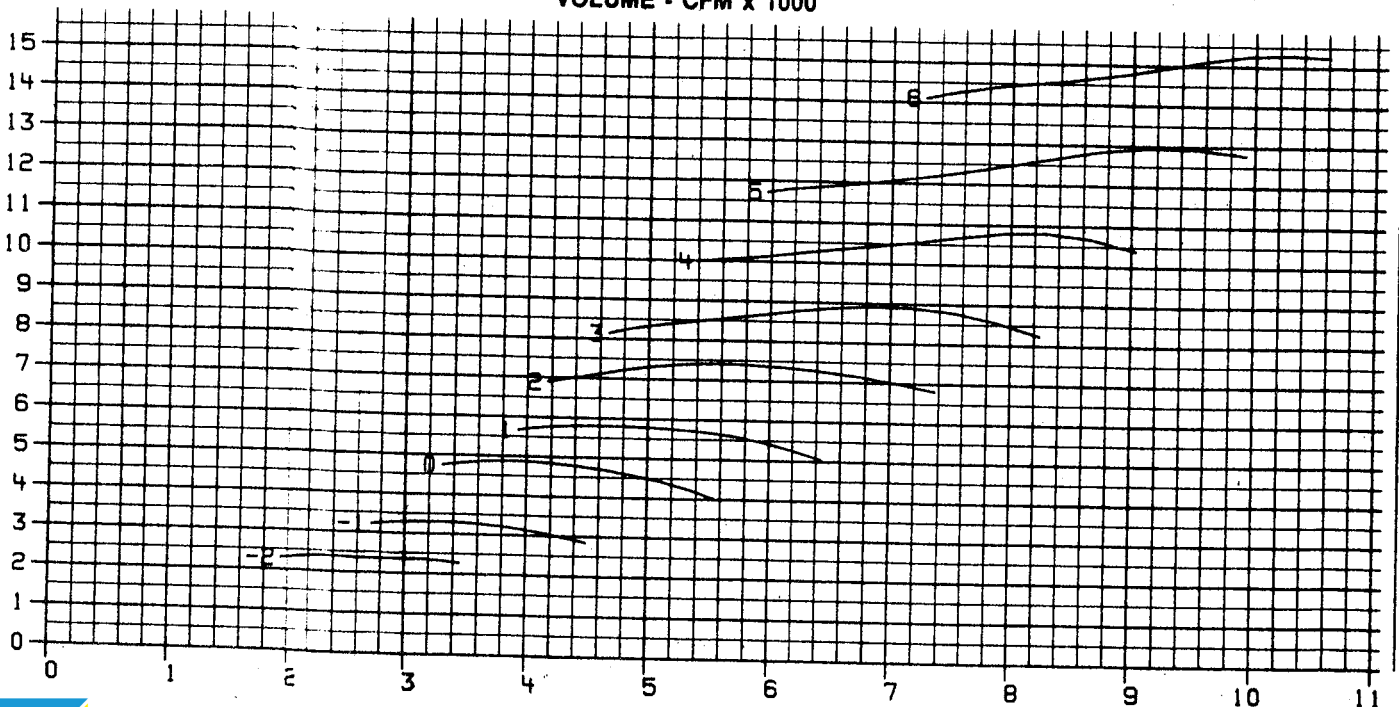
FAN OV, FPM/100 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60
 CONE OV, FPM/100 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



VOLUME - CFM x 1000

HORSEPOWER



FAN MODEL: 1825-A6-3500

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	93	96	103	102	101	96	90	82	-2	93
	92	92	101	100	99	95	90	83	-1	92
	91	88	99	98	98	95	90	84	0	91
	92	89	101	99	99	96	91	85	1	92
	93	91	103	100	100	97	92	85	2	93
	94	92	104	101	101	98	93	87	3	94
	95	93	104	102	102	100	95	88	4	95
	98	94	107	104	104	102	97	89	5	98
	101	96	109	107	107	105	99	91	6	100
									7	
									8	
MEDIUM Medium point is read at average TP/VP of low and high points	88	91	98	97	98	95	90	83	-2	91
	89	89	97	97	97	95	90	84	-1	90
	90	87	98	97	97	95	90	85	0	90
	91	88	100	98	98	95	91	85	1	91
	93	89	102	99	98	96	91	85	2	92
	93	90	102	100	101	99	94	88	3	94
	93	90	102	100	101	99	94	88	4	94
	94	91	103	102	103	101	96	89	5	96
	94	91	103	103	106	103	98	91	6	98
									7	
									8	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	87	86	93	96	98	95	92	85	-2	91
	88	86	95	95	96	95	92	86	-1	90
	89	87	98	96	95	94	91	86	0	89
	91	89	100	98	96	95	91	85	1	90
	93	91	102	100	98	96	91	85	2	92
	94	91	103	101	100	97	93	86	3	93
	96	91	105	102	102	99	94	88	4	95
	95	91	104	102	103	101	96	89	5	96
	94	91	103	102	104	103	98	91	6	97
									7	
									8	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

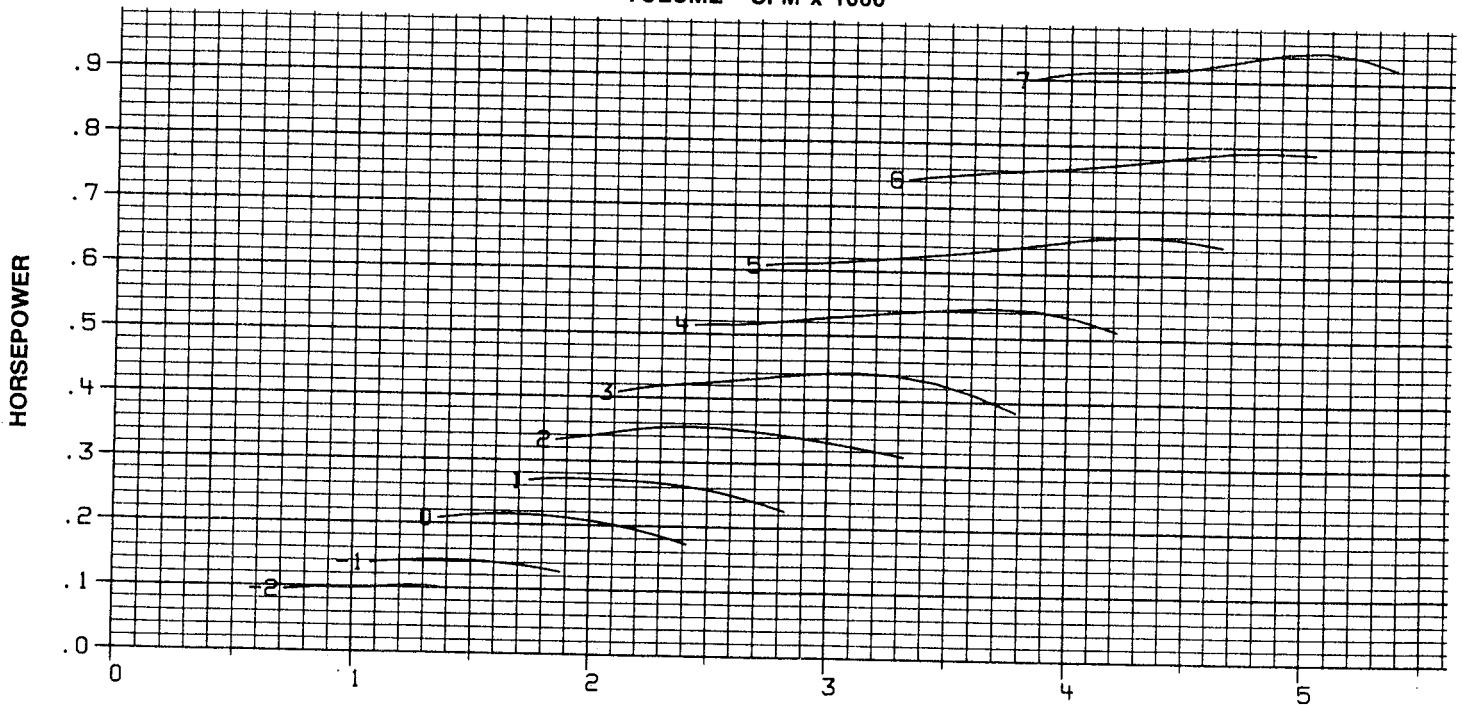
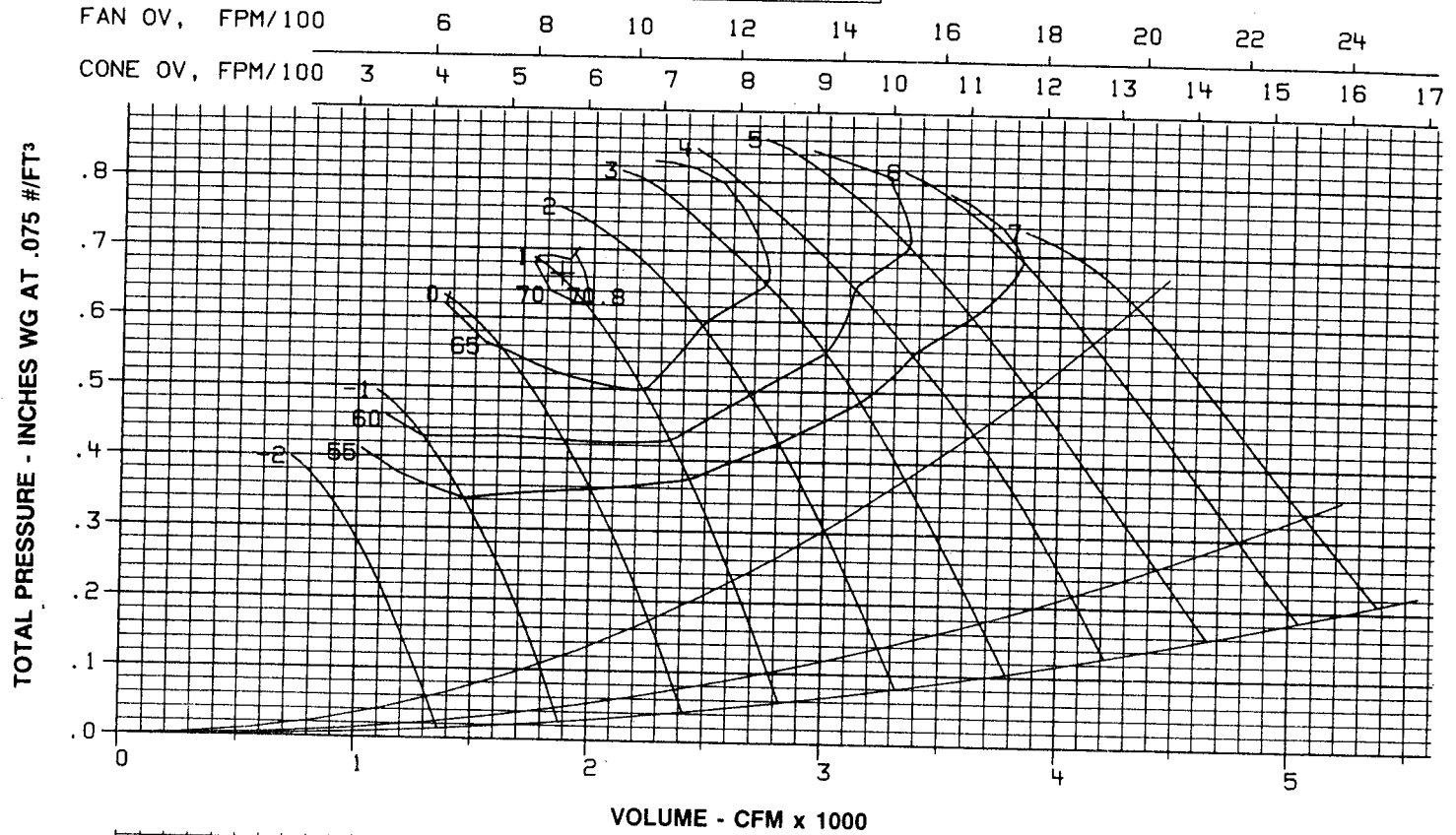
SIZE 2000-A 6-1160

RPM 1160

MOTOR HP	MIN.	A/4 MAX.
		1

PAGE 90

EFFECTIVE: SEPTEMBER 2019



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 2000-A6-1160

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	75	79	77	76	71	65	57	51	-2	66
	73	76	76	76	71	65	58	52	-1	66
	73	71	75	76	71	66	59	53	0	65
	75	73	77	77	72	67	60	54	1	66
	77	74	78	77	74	68	61	56	2	67
	78	75	79	78	74	69	62	58	3	68
	79	76	79	78	75	70	63	60	4	69
	81	79	82	81	77	71	64	61	5	71
	84	81	85	84	80	73	65	63	6	74
	87	82	87	86	82	74	66	64	7	76
									8	
MEDIUM Medium point is read at average TP/VP of low and high points	71	75	75	75	71	65	58	53	-2	65
	71	73	74	75	71	66	59	53	-1	65
	72	70	74	75	72	67	60	53	0	65
	74	72	75	75	72	66	60	54	1	65
	76	73	76	75	72	66	60	54	2	60
	77	74	77	77	73	68	61	57	3	67
	77	74	78	79	74	69	63	59	4	68
	78	75	80	81	77	71	64	61	5	70
	79	76	83	83	79	72	66	63	6	72
	79	76	86	85	81	73	67	65	7	75
									8	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	68	71	75	72	72	67	60	54	-2	65
	69	70	73	72	72	67	61	54	-1	65
	70	69	71	71	71	68	61	54	0	64
	73	72	73	71	71	67	61	54	1	64
	76	74	75	71	71	67	60	54	2	65
	78	75	77	73	73	68	62	56	3	67
	80	76	80	74	74	69	63	58	4	68
	79	76	80	76	76	71	64	61	5	70
	77	76	81	78	78	72	66	63	6	72
	77	76	82	81	81	74	67	65	7	74
									8	

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THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV

VANEAXIAL FAN
ADJUSTABLE PITCH
CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 2000-A 6-1760

RPM 1760

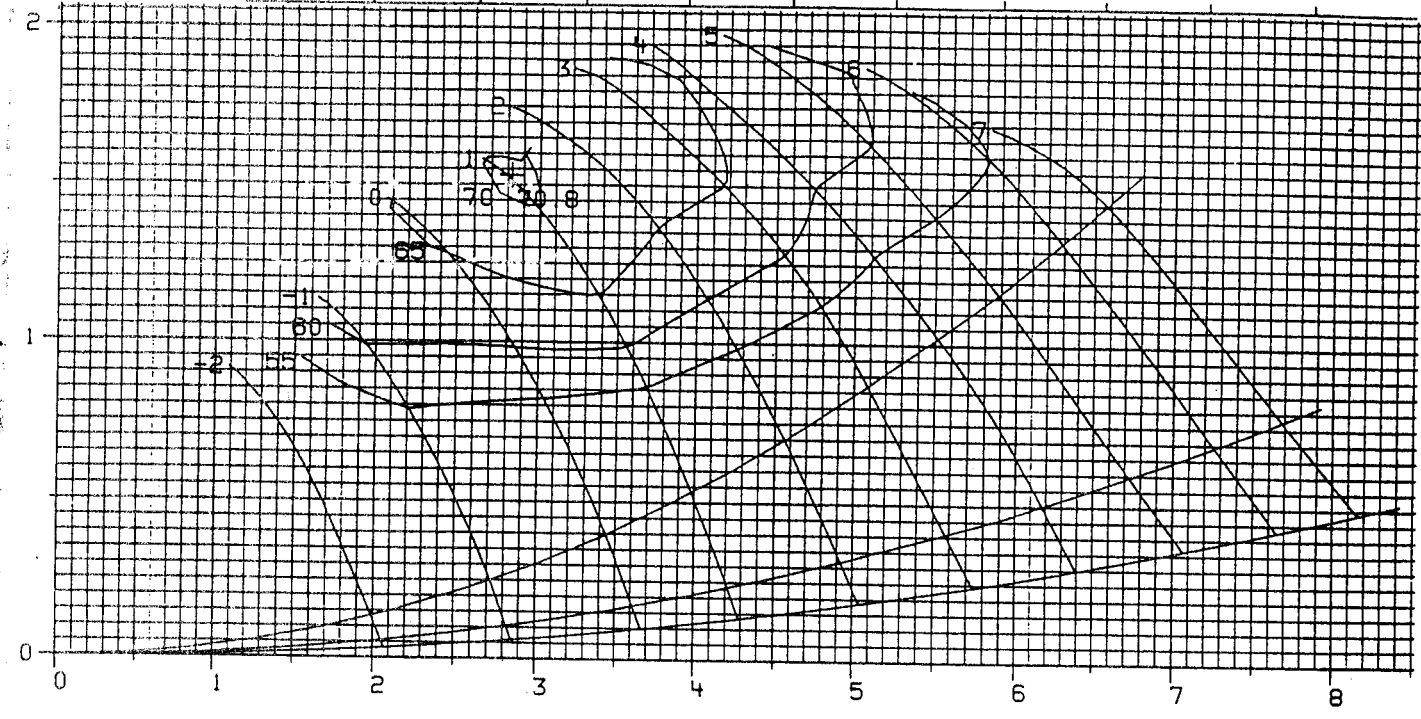
MOTOR HP	MIN.	A/4 MAX.
		1

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EFFECTIVE: SEPTEMBER 2019

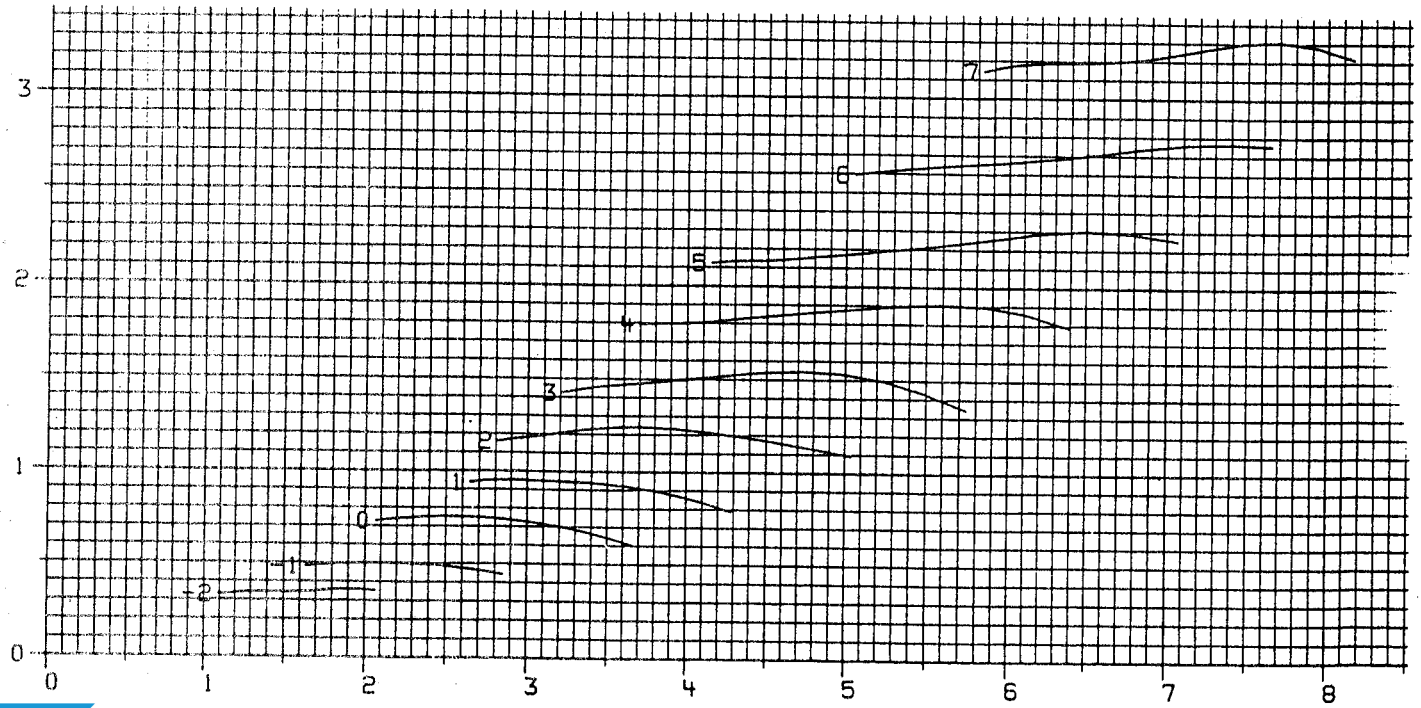
FAN OV, FPM/100 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38
 CONE OV, FPM/100 6 8 10 12 14 16 18 20 22 24

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



VOLUME - CFM x 1000

HORSEPOWER



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.



1675 GLEN ELLYN ROAD
 GLENDALE HEIGHTS, ILLINOIS 60139
 Phone 708-858-2600

EFFECTIVE: SEPTEMBER 2019

PAGE 91S

FAN MODEL: 2000-A6-1760

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	82	89	88	87	83	78	71	64	-2	77
	81	86	86	86	83	78	71	65	-1	77
	81	83	83	85	83	78	72	66	0	76
	82	86	85	86	84	79	73	67	1	77
	84	88	87	88	85	80	74	68	2	78
	85	88	87	88	85	81	75	69	3	79
	86	89	88	88	86	82	76	71	4	79
	89	92	91	91	89	84	77	72	5	82
	91	95	93	94	91	86	79	73	6	84
	94	97	95	96	94	88	80	74	7	87
								8		
MEDIUM Medium point is read at average TP/VP of low and high points	78	85	85	85	82	78	71	65	-2	76
	79	83	84	85	83	78	72	65	-1	76
	79	82	82	84	83	79	73	66	0	75
	81	85	84	85	83	79	73	66	1	76
	83	87	85	85	83	79	73	70	2	76
	84	87	86	87	84	80	74	69	3	76
	84	87	86	88	86	82	76	71	4	78
	85	88	88	90	88	83	77	72	5	79
	86	89	89	93	91	85	78	74	6	81
	86	89	91	95	93	87	80	75	7	83
								8		
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	77	80	83	86	83	80	73	67	-2	76
	77	81	82	84	82	79	74	67	-1	75
	78	81	81	81	81	79	74	67	0	74
	81	84	83	83	82	79	74	67	1	75
	83	87	85	84	82	78	73	67	2	76
	85	88	87	86	84	80	75	69	3	77
	87	90	88	89	85	81	76	70	4	79
	86	89	88	90	88	83	77	72	5	81
	85	88	88	91	90	85	78	74	6	82
	84	88	89	93	92	87	80	75	7	84
								8		

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

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VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4

CHICAGO BLOWER CORPORATION

1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

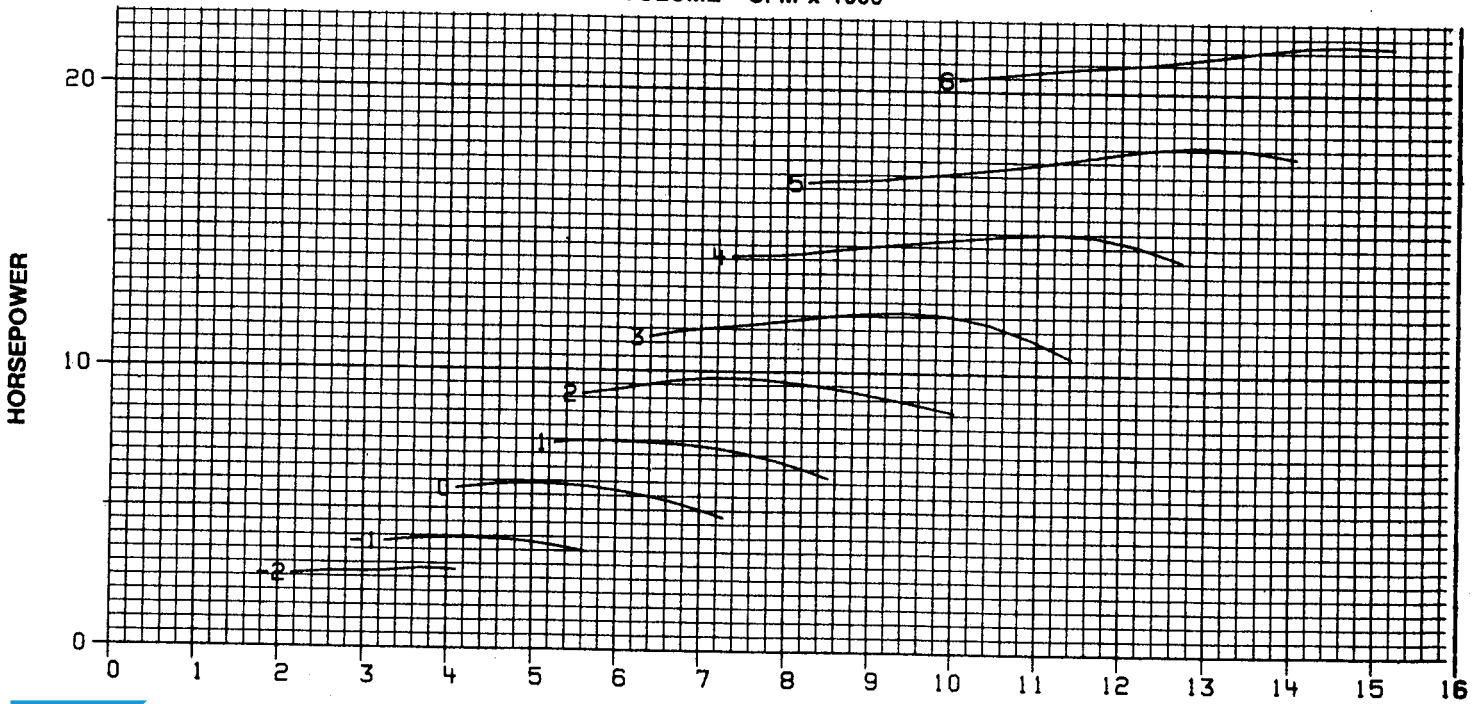
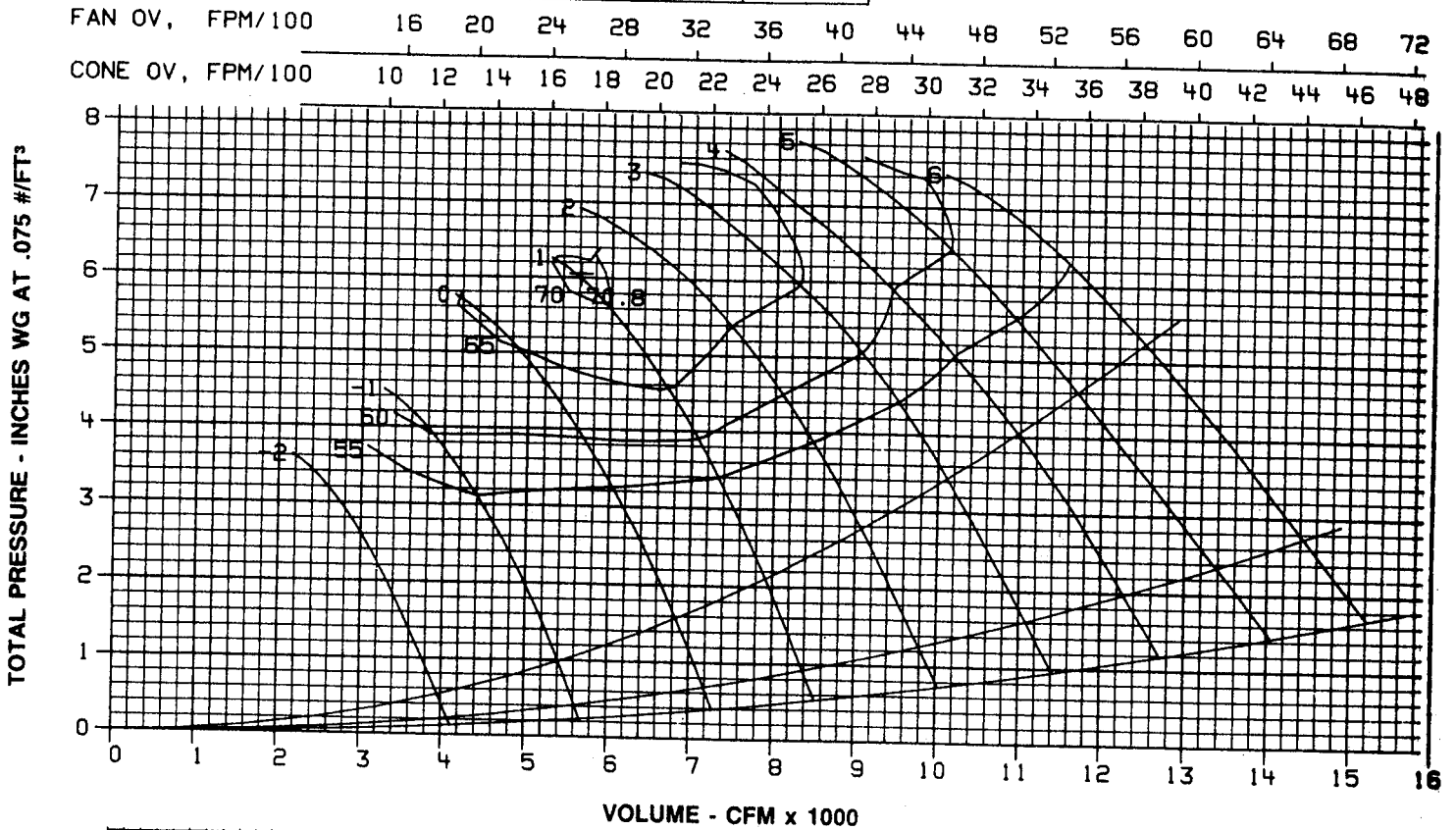
SIZE 2000-A 6-3500

RPM 3500

PAGE 92

EFFECTIVE: SEPTEMBER 2019

MOTOR HP	MIN.	A/4 MAX.
	5	20



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.



1675 GLEN ELLYN ROAD
 GLENDALE HEIGHTS, ILLINOIS 60139
 Phone 708-858-2600

EFFECTIVE: SEPTEMBER 2019

PAGE 92S

FAN MODEL: 2000-A6-3500

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	94	102	107	104	102	98	93	85	-2	95
	93	96	104	102	101	98	93	86	-1	94
	92	90	101	99	100	98	93	87	0	93
	94	92	104	101	101	99	94	88	1	94
	96	93	106	103	103	100	95	89	2	96
	97	94	106	103	103	100	96	90	3	96
	98	95	107	104	103	101	97	91	4	97
	101	98	110	107	106	104	99	92	5	99
	103	100	112	109	109	106	101	94	6	102
									7	
								8		
MEDIUM Medium point is read at average TP/VP of low and high points	90	97	103	101	100	97	93	86	-2	93
	91	93	101	100	100	98	93	87	-1	93
	91	89	100	98	99	98	94	88	0	92
	93	91	103	100	100	98	94	88	1	93
	95	92	104	101	100	98	93	88	2	94
	96	93	105	102	102	99	95	89	3	95
	96	93	105	102	103	101	96	91	4	96
	97	94	106	104	105	103	99	92	5	98
	98	95	107	105	108	105	100	93	6	100
									7	
								8		
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	89	91	98	99	101	98	94	88	-2	93
	89	90	98	98	98	97	94	89	-1	92
	90	88	99	97	96	96	94	89	0	91
	92	91	102	99	98	97	94	89	1	92
	95	94	105	101	99	97	93	88	2	93
	97	94	106	103	101	99	95	89	3	95
	99	95	107	104	104	100	96	91	4	97
	98	95	107	104	105	103	98	92	5	98
	97	95	106	104	106	105	100	93	6	99
									7	
								8		

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303).



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4

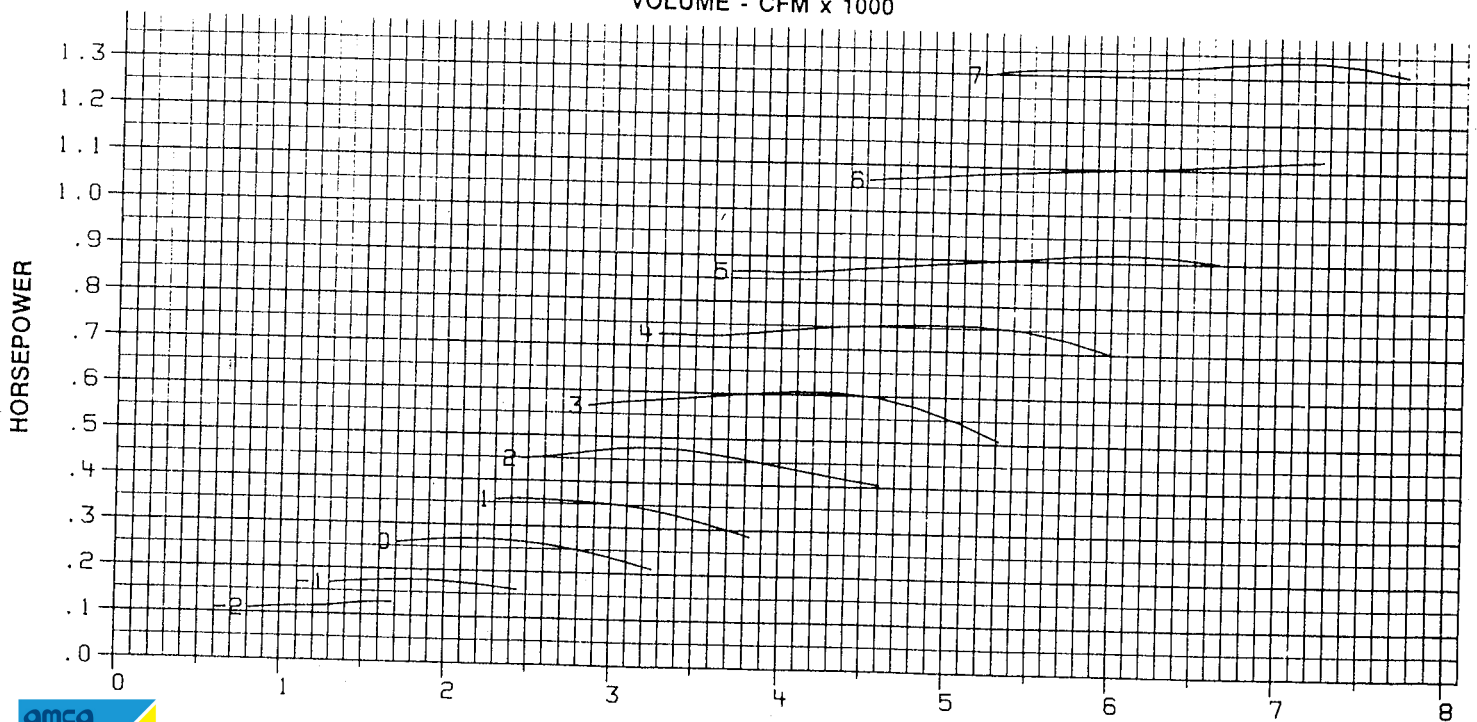
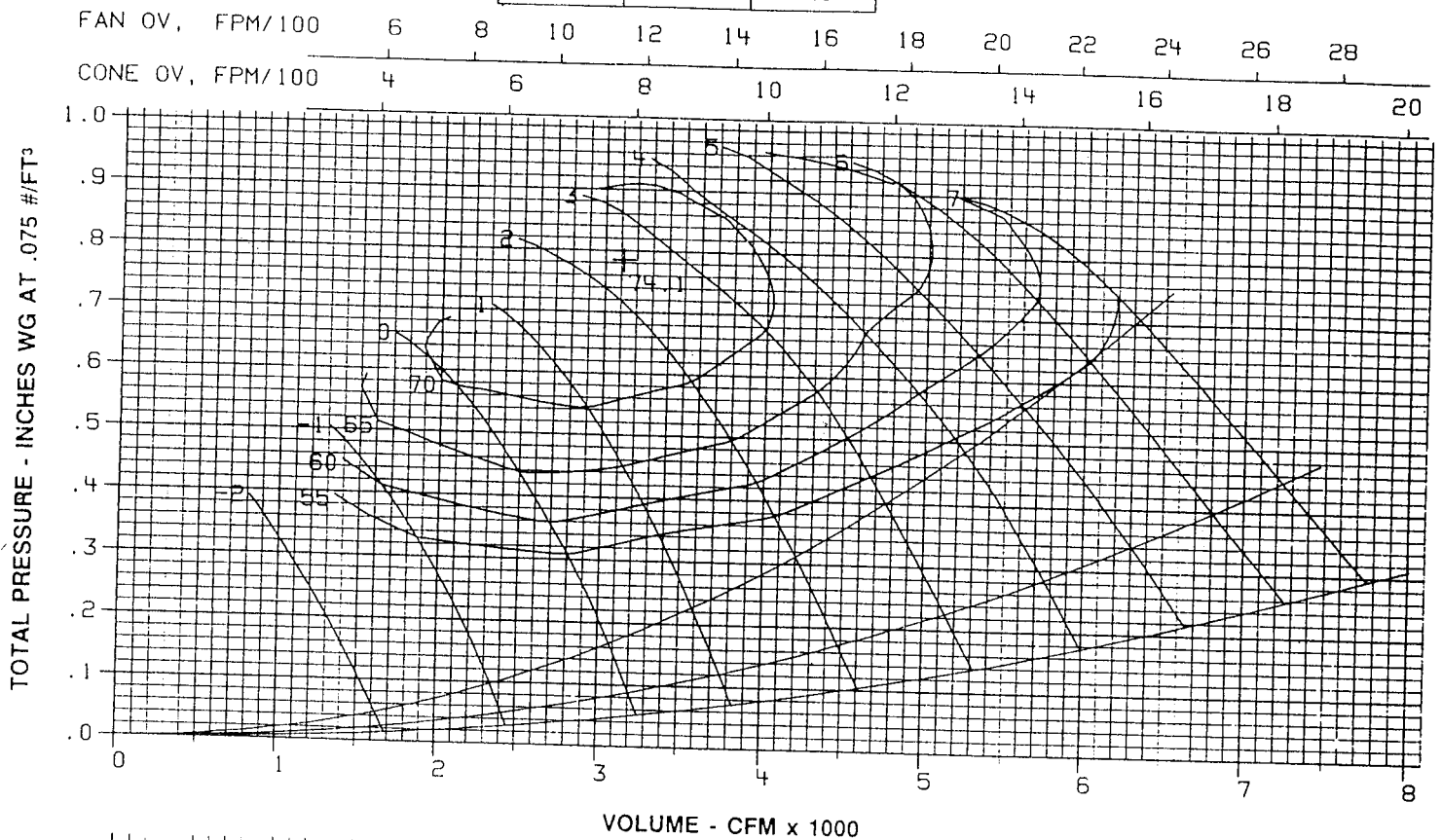


1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600
PAGE 93

SIZE 2225-A 6-1160 RPM 1160

MOTOR HP	MIN.	A/4 MAX.
	1	10

EFFECTIVE: SEPTEMBER 2019



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 2225-A6-1160

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	75	84	78	78	74	68	61	54	-2	68
	74	79	78	79	74	69	62	55	-1	68
	73	73	77	81	75	70	62	55	0	69
	76	74	79	81	76	71	63	57	1	70
	79	76	82	81	78	72	65	60	2	71
	80	77	81	80	77	73	66	62	3	71
	80	77	81	79	77	73	67	64	4	70
	83	71	84	83	79	74	68	65	5	73
	86	75	85	86	82	76	69	66	6	76
	89	76	87	88	84	77	69	66	7	78
									8	
MEDIUM Medium point is read at average TP/VP of low and high points	73	81	77	77	74	68	61	54	-2	68
	72	77	77	78	74	69	62	55	-1	68
	72	72	76	79	75	70	63	56	0	68
	75	74	77	78	75	70	63	56	1	68
	78	75	78	77	75	70	63	57	2	68
	79	76	79	79	76	71	65	60	3	69
	79	76	80	81	76	73	67	64	4	71
	81	78	82	83	79	74	68	65	5	73
	82	79	85	86	81	75	69	66	6	75
	82	80	88	88	83	76	70	67	7	77
									8	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	70	76	79	79	75	70	63	55	-2	69
	70	73	76	77	74	71	64	56	-1	68
	70	70	72	75	74	72	66	57	0	67
	74	73	74	75	73	71	65	57	1	67
	77	77	77	75	73	70	63	56	2	67
	79	78	79	77	75	71	65	59	3	68
	81	78	81	79	76	73	67	63	4	70
	80	78	82	82	78	74	68	64	5	72
	80	78	82	84	80	74	69	66	6	74
	79	79	85	87	83	76	70	67	7	76
									8	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

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VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



SIZE 2225-A 6-1760

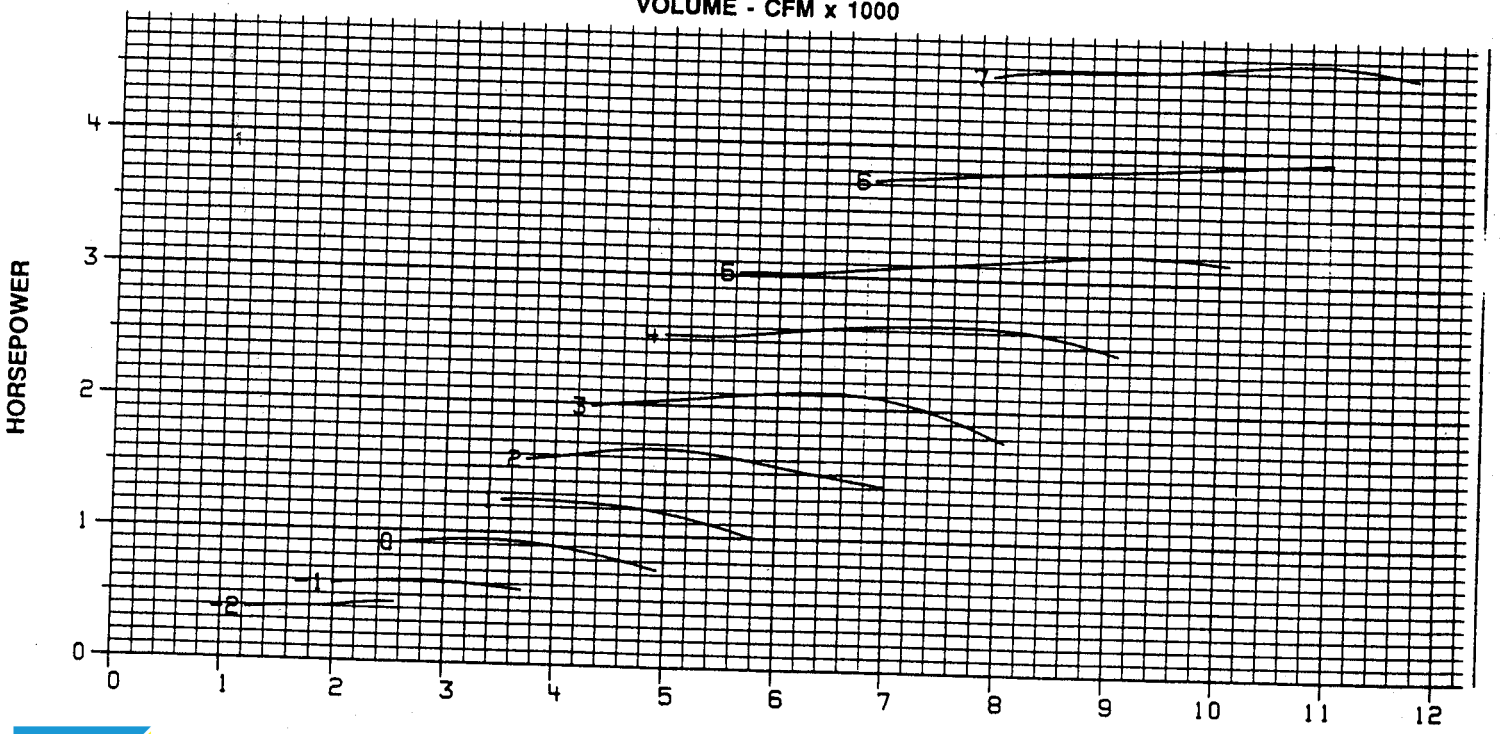
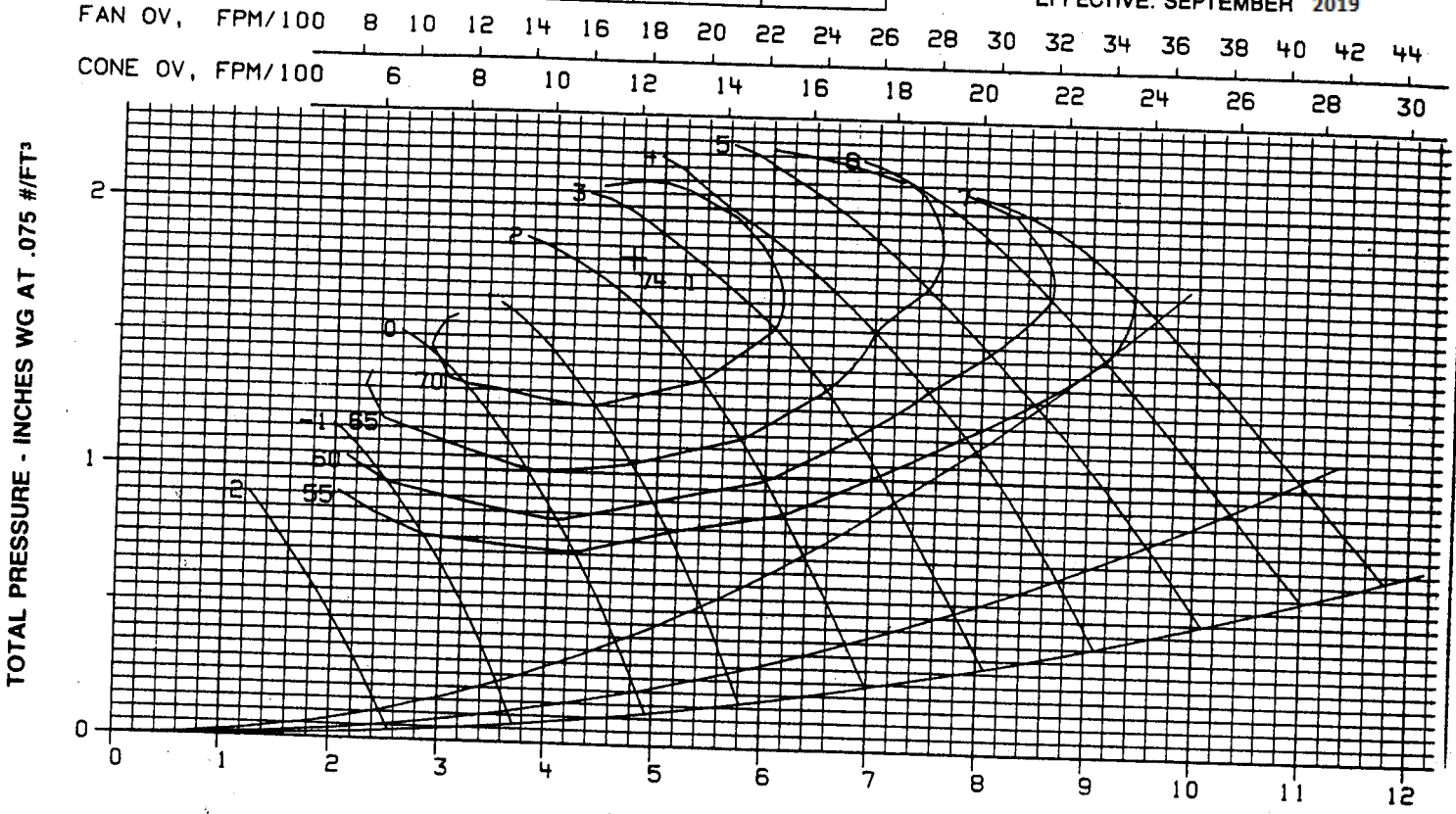
RPM 1760

1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139

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PAGE 94

MOTOR HP	MIN.	A/4 MAX.
		1

EFFECTIVE: SEPTEMBER 2019



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 2225-A6-1760

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	81	92	92	88	85	81	74	67	-2	79
	81	88	89	88	86	81	75	68	-1	79
	80	84	85	88	87	82	76	69	0	79
	84	87	87	90	88	83	77	70	1	80
	87	90	89	91	89	85	78	72	2	82
	87	90	89	90	88	84	79	73	3	81
	87	91	90	90	87	84	80	75	4	81
	90	94	93	93	90	86	81	76	5	84
	93	97	97	96	93	88	82	76	6	87
	96	99	98	99	95	90	83	77	7	89
									8	
MEDIUM Medium point is read at average TP/VP of low and high points	79	89	90	87	85	81	74	67	-2	79
	79	86	87	87	86	82	75	68	-1	79
	80	83	84	87	87	82	76	69	0	79
	82	86	86	87	86	82	76	69	1	79
	85	89	87	88	85	82	76	70	2	79
	86	89	88	89	87	83	78	72	3	80
	86	90	89	90	88	84	80	75	4	81
	88	91	90	92	90	86	81	76	5	83
	89	93	92	95	93	88	82	77	6	85
	89	93	94	97	95	89	83	78	7	87
									8	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	75	83	88	89	86	82	76	69	-2	79
	75	82	85	86	85	82	77	70	-1	78
	75	81	82	83	84	82	78	71	0	77
	81	85	84	84	84	81	77	70	1	77
	84	89	87	86	83	81	76	70	2	78
	87	90	89	88	85	82	78	72	3	79
	89	92	90	90	87	84	79	74	4	81
	88	91	91	91	89	86	80	75	5	83
	87	91	91	93	92	87	81	77	6	84
	86	91	92	96	95	89	83	78	7	87
									8	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN
ADJUSTABLE PITCH
CONTROLLABLE PITCH

ARRANGEMENT
4



SIZE 2225-A 6-3500

RPM 3500

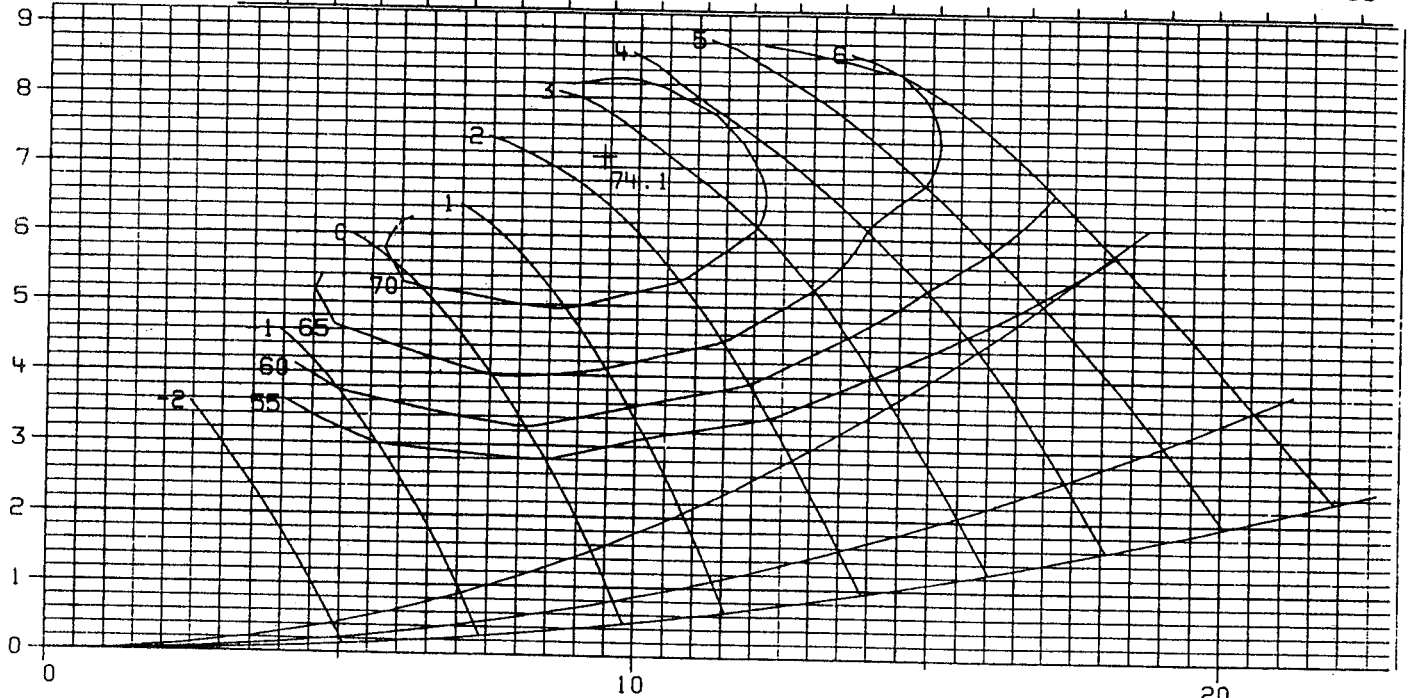
1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600
PAGE 95

MOTOR HP	MIN.	A/4 MAX.
	5	20

EFFECTIVE: SEPTEMBER 2019

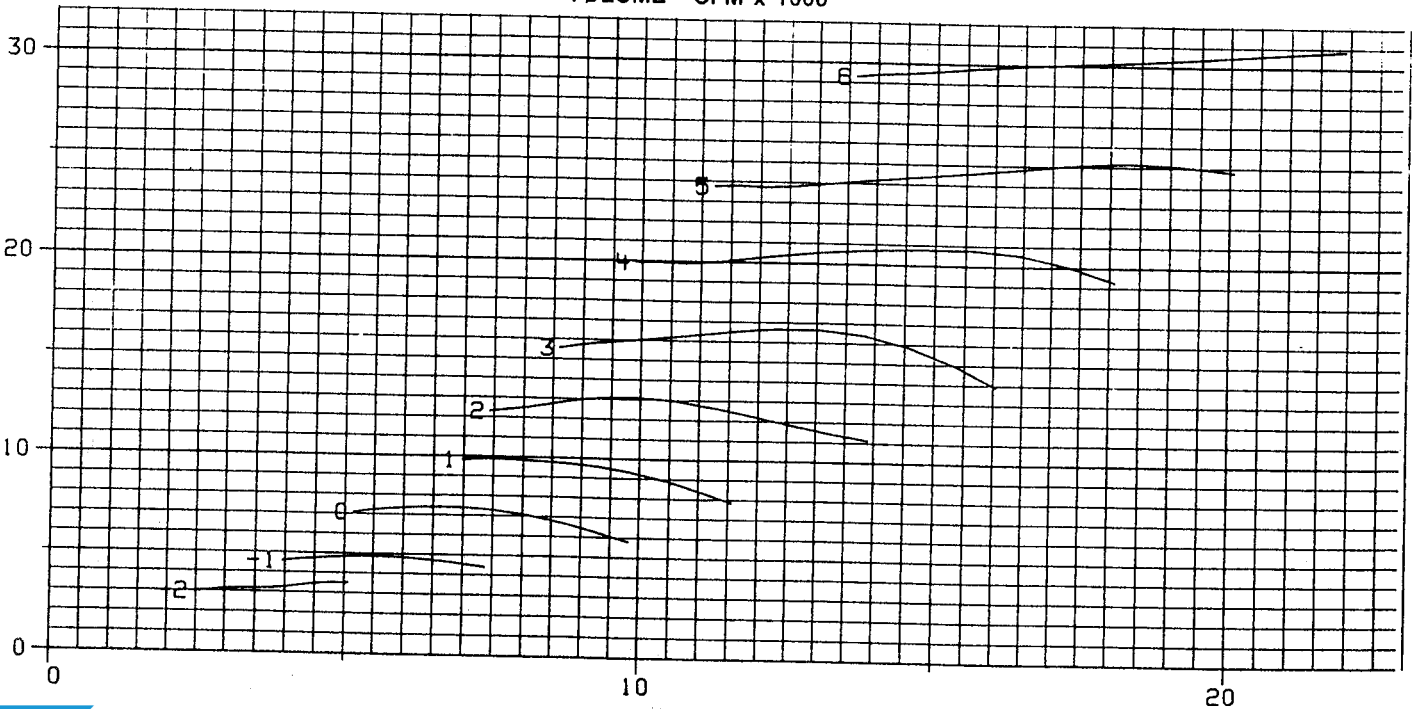
FAN OV, FPM/100 16 20 24 28 32 36 40 44 48 52 56 60 64 68 72 76 80 84
 CONE OV, FPM/100 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



VOLUME - CFM x 1000

HORSEPOWER



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct

FAN MODEL: 2225-A6-3500

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA	
Octave Band:	1	2	3	4	5	6	7	8			
Center Frequency:	63	125	250	500	1000	2000	4000	8000			
TP/VP											
HIGH High point is read at peak of curve at maximum total pressure	93	107	110	107	102	100	96	89	-2	98	
	93	99	105	105	103	101	96	90	-1	97	
	92	92	102	101	103	102	97	91	0	96	
	95	94	105	103	104	103	98	92	1	97	
	99	95	108	105	106	103	99	93	2	99	
	99	96	108	105	105	103	99	94	3	99	
	99	97	109	105	105	102	99	95	4	98	
	102	100	112	109	108	105	101	96	5	101	
	105	104	115	113	111	108	103	97	6	104	
									7		
									8		
MEDIUM Medium point is read at average TP/VP of low and high points	91	103	107	106	102	100	96	89	-2	97	
	91	97	104	103	102	101	96	90	-1	96	
	92	91	101	100	102	101	97	91	0	95	
	94	93	104	102	102	101	97	91	1	96	
	97	95	106	103	103	100	97	91	2	96	
	98	95	107	104	104	102	98	93	3	97	
	98	95	108	105	105	103	99	95	4	98	
	100	97	109	106	107	105	101	95	5	100	
	101	98	111	108	110	108	102	96	6	103	
									7		
									8		
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	90	95	102	104	104	101	97	91	-2	96	
	90	92	100	101	101	100	97	92	-1	95	
	90	89	99	97	98	99	97	93	0	93	
	93	92	103	100	99	98	96	92	1	94	
	96	96	106	103	101	98	96	91	2	95	
	99	97	108	105	103	100	97	93	3	97	
	111	98	110	106	105	102	99	94	4	99	
	100	98	109	106	106	104	100	95	5	100	
	99	98	109	107	108	107	102	96	6	101	
									7		
									8		

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT

4

CHICAGO BLOWER CORPORATION

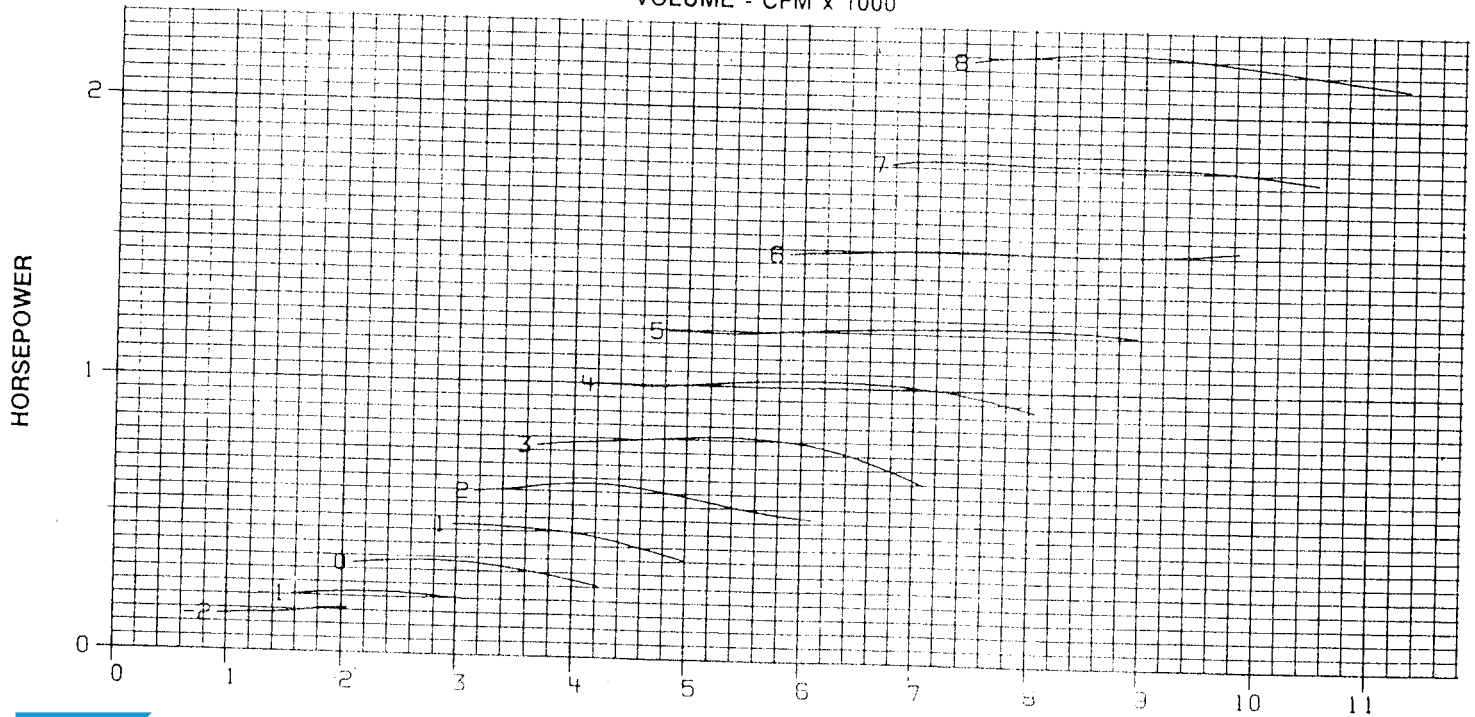
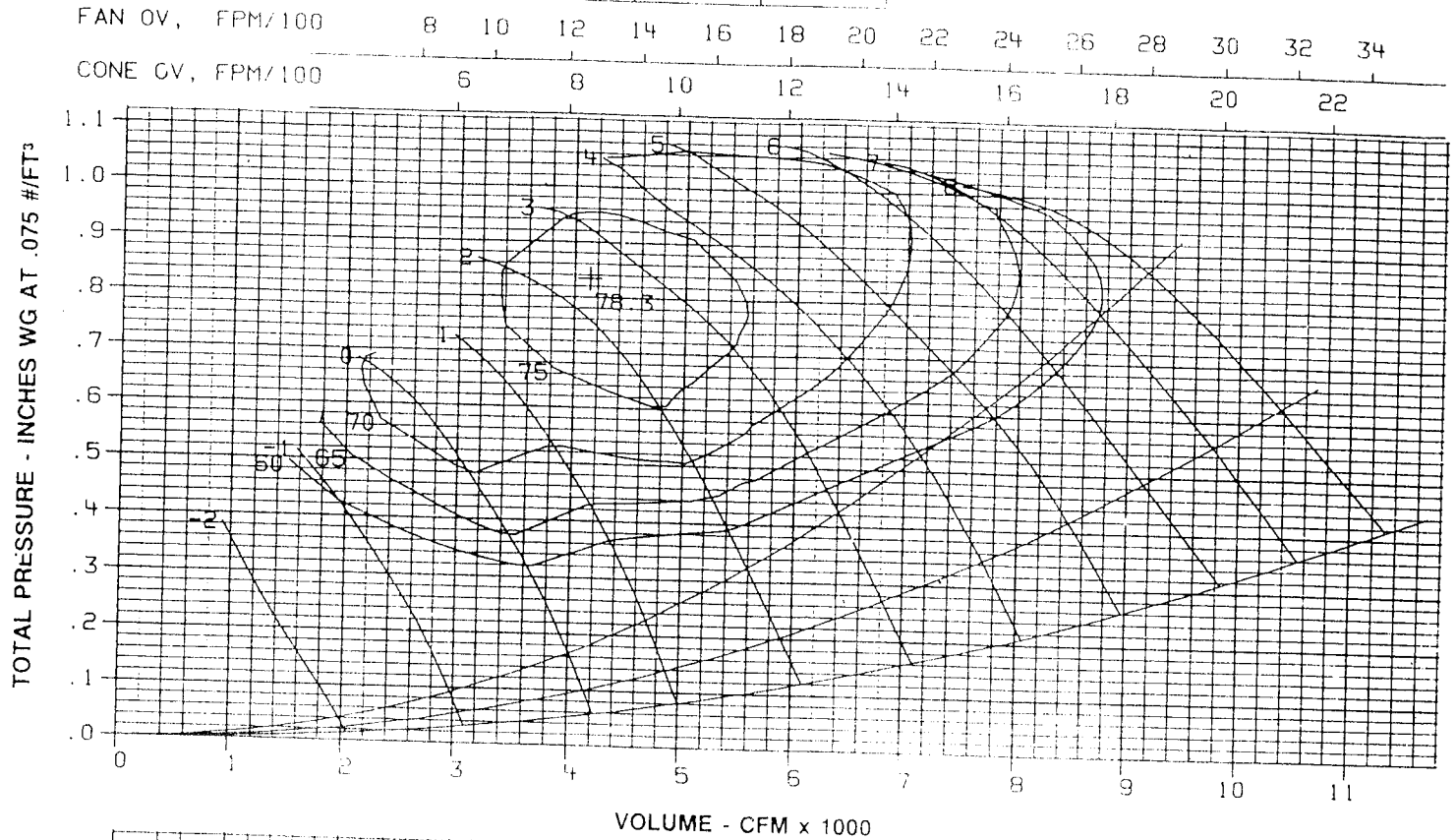
1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

PAGE 96

EFFECTIVE: SEPTEMBER 2019

SIZE 2450-A 6-1160 RPM 1160

MOTOR HP	MIN.	A/4 MAX.
	1	10



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 2450-A6-1160

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	75	93	78	79	76	72	64	57	-2	72
	74	84	78	82	77	72	65	57	-1	71
	74	75	79	84	78	73	65	57	0	73
	78	77	82	84	80	75	67	60	1	73
	82	79	85	84	81	76	68	63	2	74
	82	79	84	82	80	76	70	66	3	73
	82	80	82	80	78	76	71	68	4	72
	86	84	86	84	81	77	71	68	5	75
	89	89	90	87	83	78	75	68	6	78
	91	90	92	90	85	80	75	68	7	80
94	92	94	92	87	81	73	68	8	82	
MEDIUM Medium point is read at average TP/VP of low and high points	74	89	80	80	76	71	64	56	-2	71
	73	82	79	81	77	73	65	57	-1	71
	73	74	77	82	78	74	66	58	0	72
	77	76	79	81	78	73	66	59	1	71
	81	79	81	79	77	73	66	60	2	70
	82	79	81	81	78	75	68	64	3	71
	82	79	82	82	78	76	71	68	4	73
	84	81	84	85	80	77	71	68	5	75
	86	84	87	88	83	78	72	69	6	77
	86	84	89	90	85	79	72	69	7	79
86	85	92	92	87	80	72	70	8	81	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	73	81	83	82	78	73	65	57	-2	72
	72	76	78	79	77	74	67	58	-1	70
	71	70	74	77	76	76	70	59	0	70
	75	75	76	76	75	74	68	59	1	69
	79	79	78	76	75	73	66	58	2	68
	82	81	80	78	76	74	68	62	3	70
	84	82	81	80	78	76	70	66	4	72
	83	82	83	83	80	76	71	67	5	74
	82	82	84	86	82	77	71	68	6	76
	82	82	88	89	85	78	72	69	7	78
82	83	92	93	88	80	73	71	8	82	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

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VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

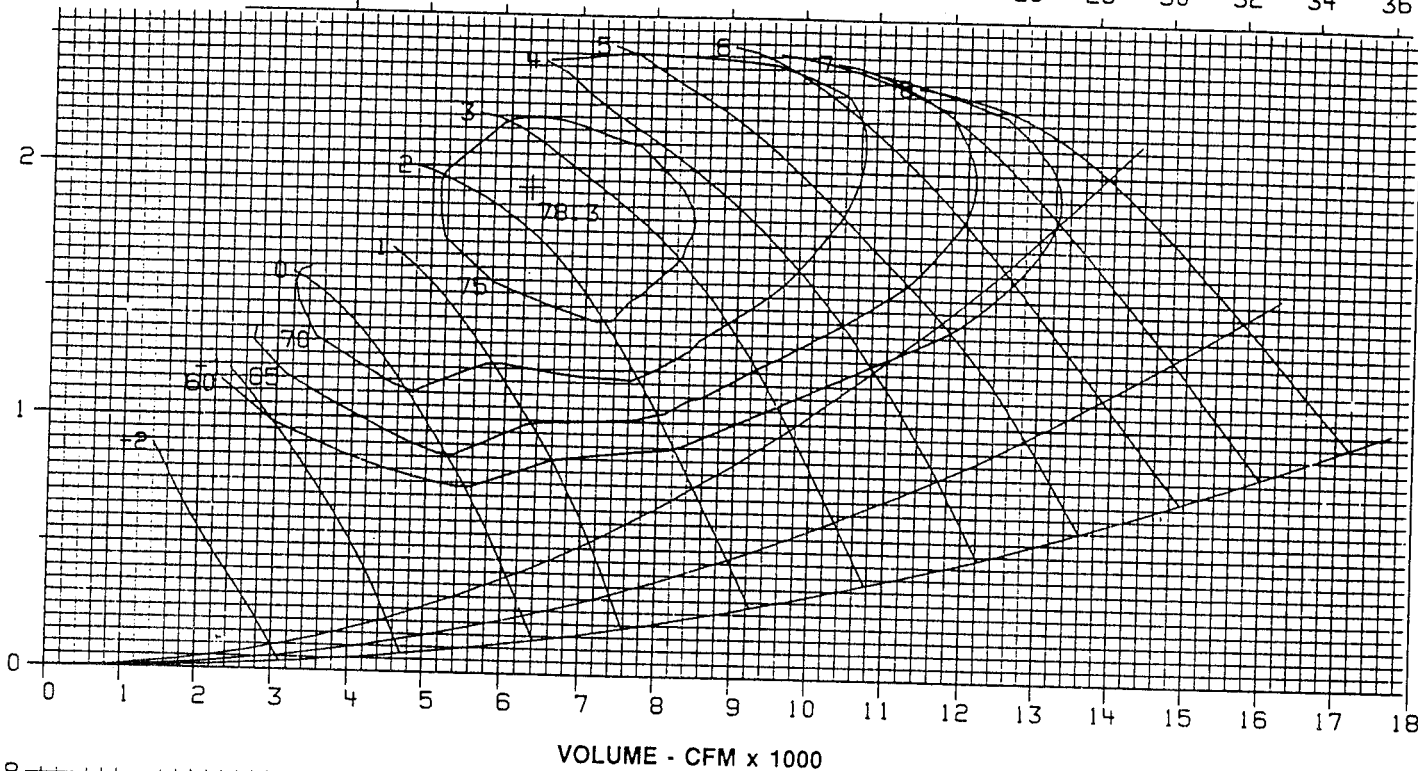
SIZE 2450-A 6-1760 RPM 1760

MOTOR HP	MIN.	A/4 MAX.
	1	20

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EFFECTIVE: SEPTEMBER 2019

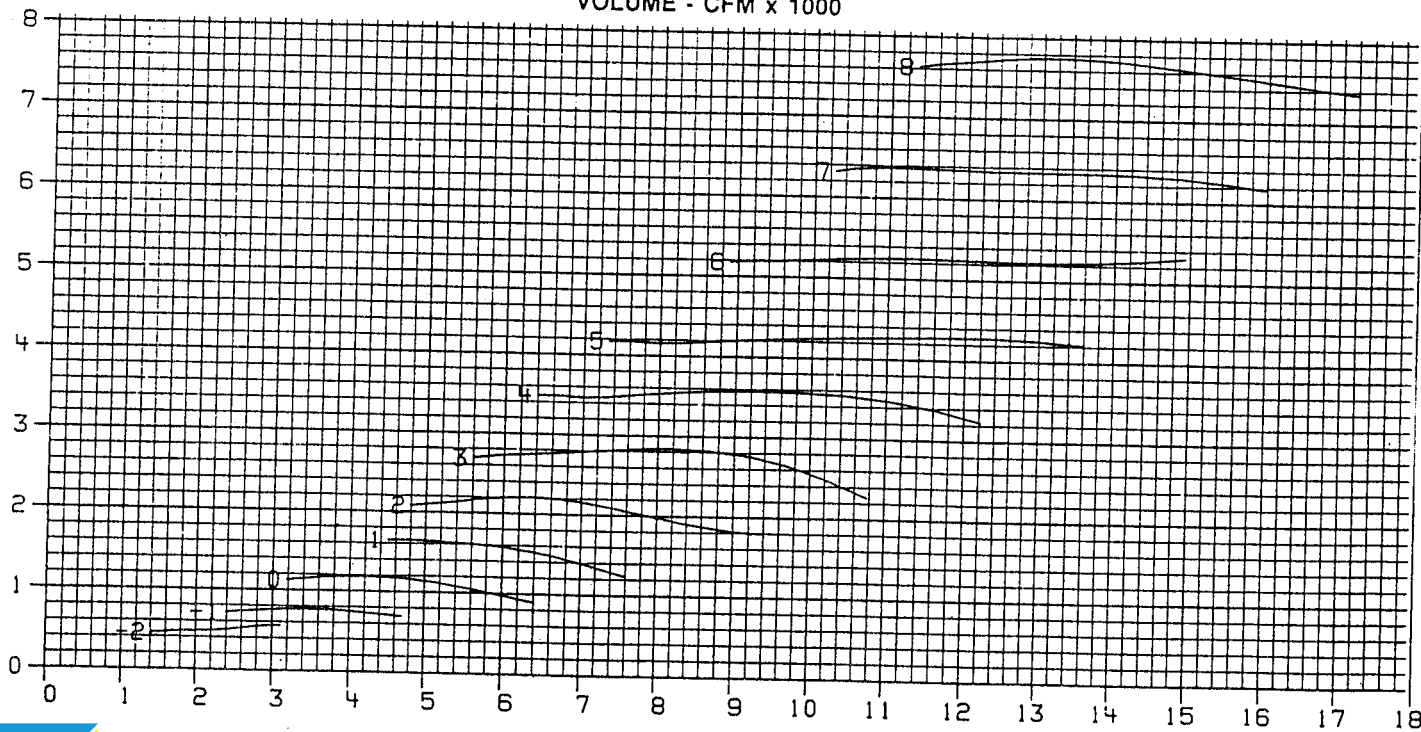
FAN OV, FPM/100 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54
CONE OV, FPM/100 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



VOLUME - CFM x 1000

HORSEPOWER



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 2450-A6-1760

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	82	94	97	88	87	83	78	70	-2	82
	81	89	92	89	89	84	78	71	-1	81
	81	85	87	91	91	85	79	71	0	83
	85	89	89	92	91	87	81	73	1	84
	90	93	92	94	92	88	82	75	2	85
	90	93	91	93	90	88	83	77	3	84
	90	93	91	91	89	87	83	79	4	83
	93	97	95	95	92	88	84	79	5	86
	96	100	99	98	95	90	85	79	6	89
	99	103	101	101	97	92	86	80	7	91
	101	99	101	103	99	94	87	80	8	93
MEDIUM Medium point is read at average TP/VP of low and high points	81	92	96	90	87	83	77	70	-2	82
	81	88	91	89	89	84	79	71	-1	81
	80	85	86	89	90	86	80	72	0	82
	84	88	88	89	89	85	80	72	1	81
	88	91	90	90	87	84	79	72	2	81
	89	92	90	91	89	85	81	75	3	82
	90	93	90	92	90	86	83	79	4	83
	92	95	93	94	92	88	84	79	5	85
	94	97	95	97	95	90	84	80	6	88
	94	97	97	99	97	91	85	80	7	90
	93	92	99	102	99	93	86	80	8	92
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	80	88	92	92	89	85	79	71	-2	82
	79	85	87	88	87	85	81	73	-1	80
	78	82	82	85	86	85	82	75	0	79
	82	87	86	86	85	84	81	73	1	79
	87	91	89	87	84	83	79	72	2	79
	89	93	91	89	86	85	81	75	3	81
	91	95	92	91	88	86	83	78	4	83
	90	94	93	92	91	88	83	78	5	84
	90	94	93	94	94	89	84	79	6	86
	90	94	95	98	97	91	85	80	7	89
	89	88	99	102	100	94	86	81	8	92

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

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VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



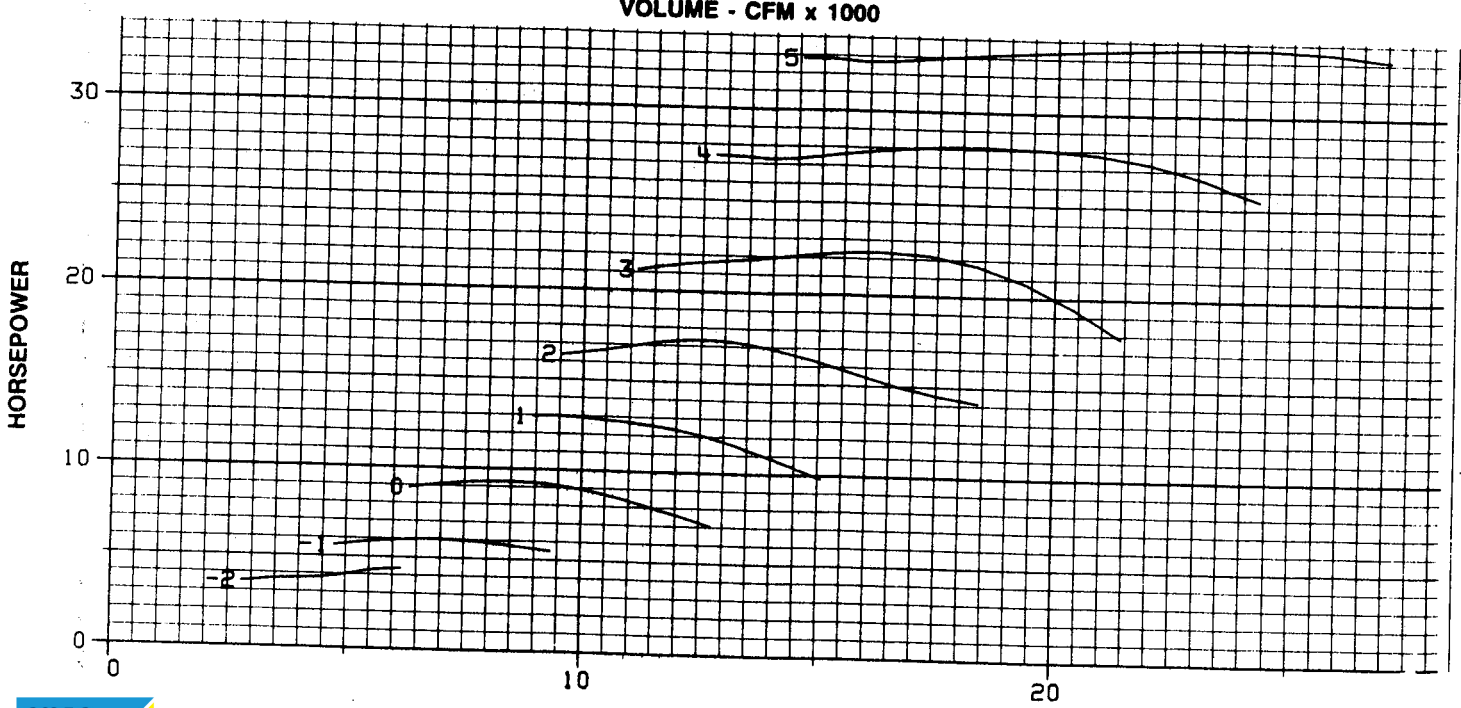
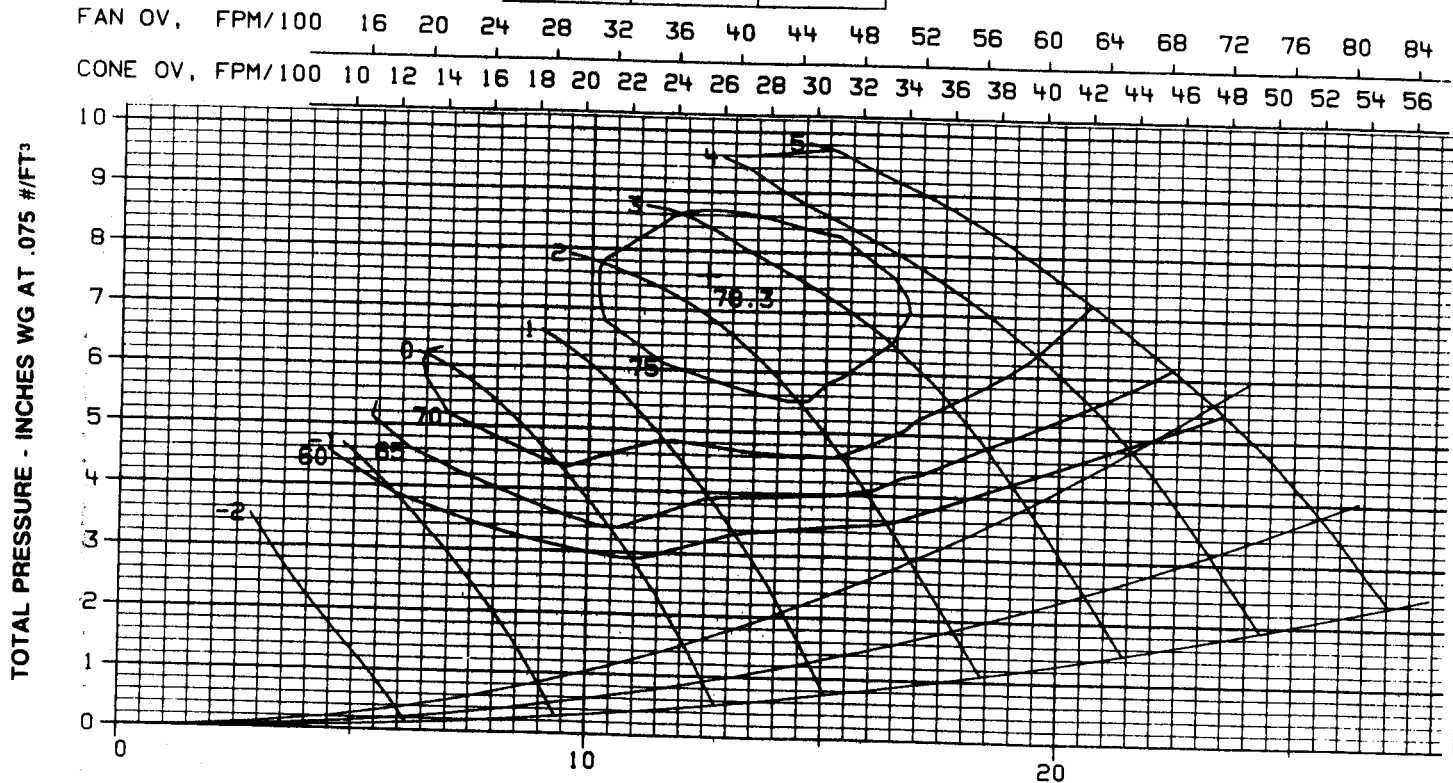
1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 2450-A 6-3500

RPM 3500

MOTOR HP	MIN.	A/4 MAX.
	5	20

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EFFECTIVE: SEPTEMBER 2019



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 2450-A6-3500

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	93	112	111	112	103	102	98	93	-2	101
	93	103	106	108	104	104	99	93	-1	99
	93	94	102	103	106	106	100	94	0	99
	97	96	106	105	107	106	102	96	1	100
	102	98	110	108	109	107	103	97	2	102
	102	98	110	107	107	105	102	98	3	101
	102	99	110	107	106	103	101	98	4	100
	105	103	114	111	110	106	103	99	5	103
									6	
								7		
								8		
MEDIUM Medium point is read at average TP/VP of low and high points	93	109	109	112	104	102	98	92	-2	100
	93	101	105	107	104	104	99	94	-1	98
	92	93	102	101	104	105	100	95	0	98
	96	95	105	103	104	103	100	94	1	98
	100	98	108	105	105	102	99	94	2	98
	101	98	109	106	106	103	100	96	3	99
	101	98	109	106	107	105	101	98	4	100
	103	100	112	109	109	107	103	99	5	102
									6	
								7		
								8		
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	92	100	104	108	107	104	100	94	-2	100
	91	95	102	103	103	102	100	95	-1	97
	90	91	99	98	100	100	100	97	0	95
	94	94	103	101	101	100	99	96	1	95
	98	98	108	105	102	99	98	94	2	97
	101	100	110	106	104	101	100	96	3	98
	103	101	112	108	105	103	101	98	4	100
	102	101	111	108	107	106	103	98	5	101
									6	
								7		
								8		

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV

VANEAXIAL FAN
ADJUSTABLE PITCH
CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600
PAGE 99

SIZE 2700-A 6- 890

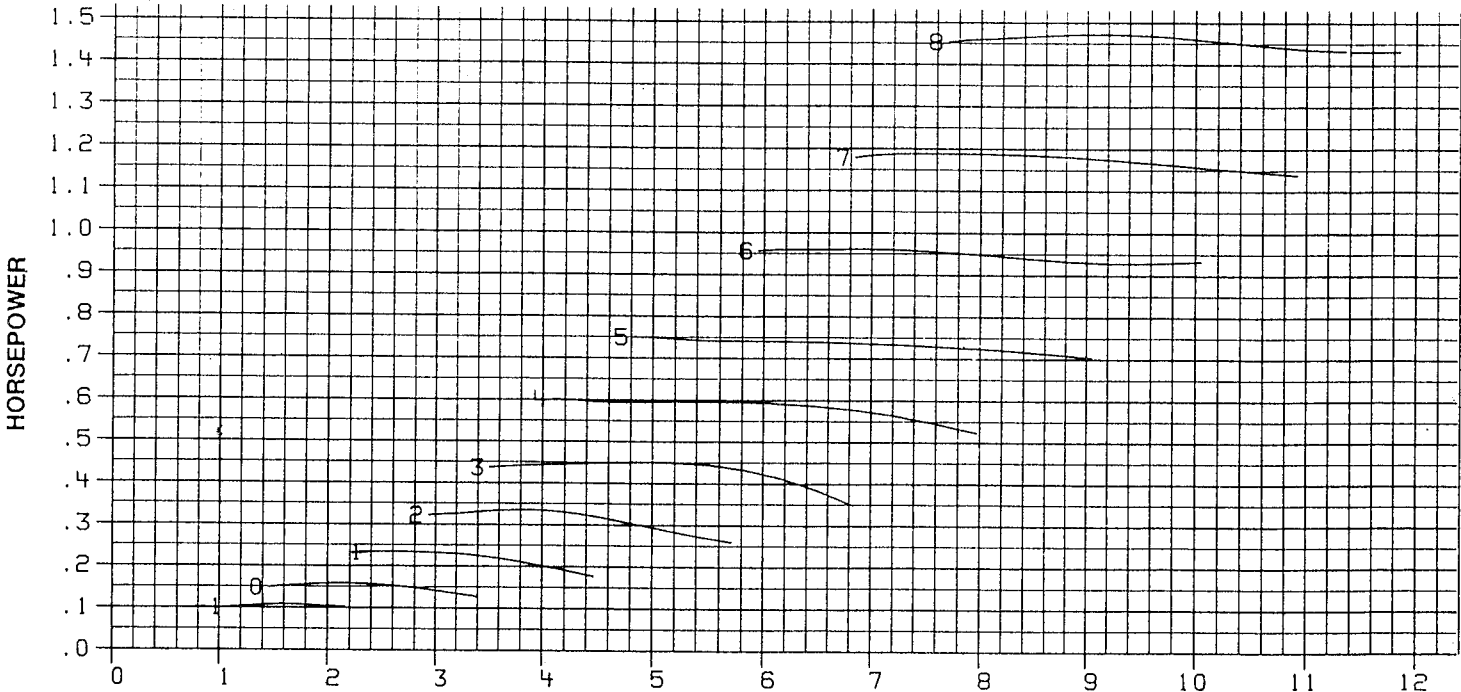
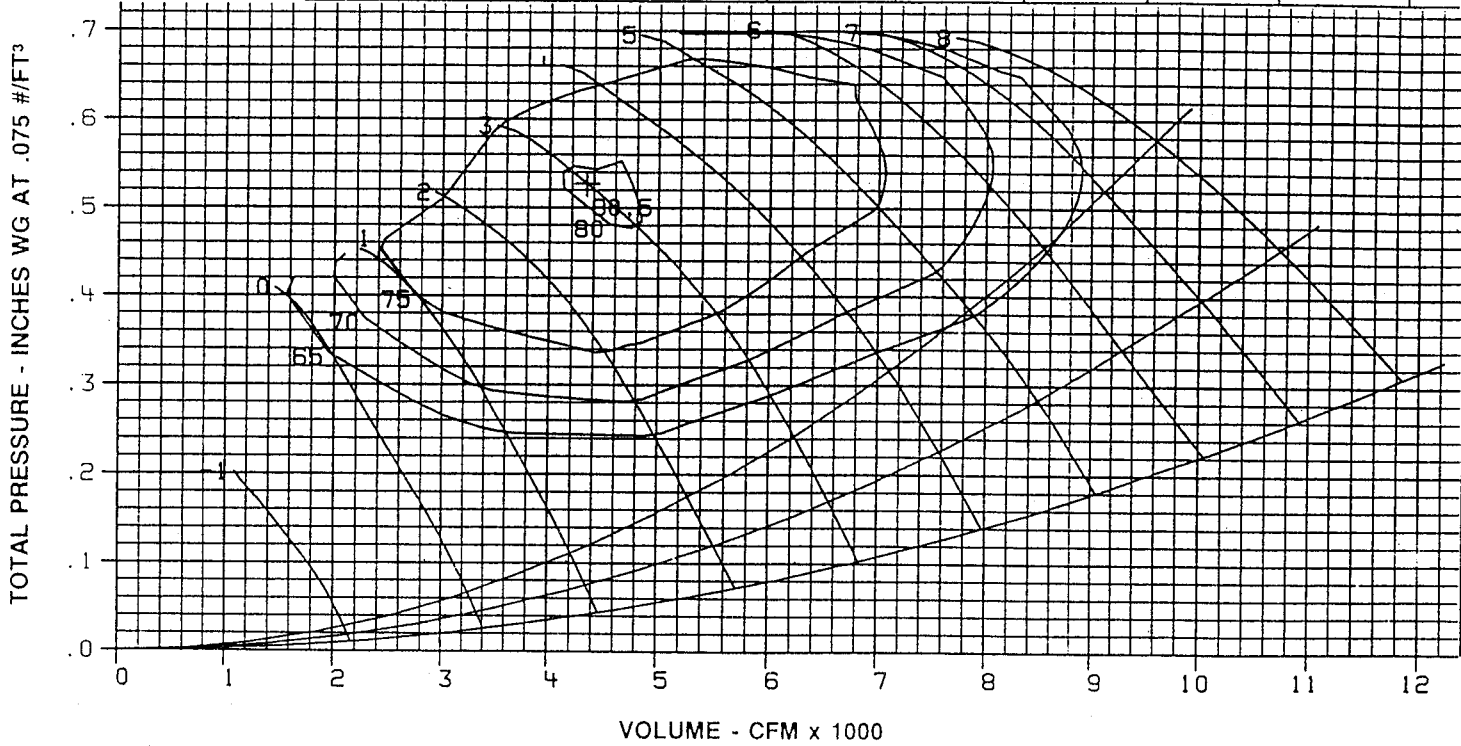
RPM 890

MOTOR HP	MIN.	A/4 MAX.
	1	7½

EFFECTIVE: SEPTEMBER 2019

FAN OV, FPM/100 6 8 10 12 14 16 18 20 22 24 26 28 30

CONE OV, FPM/100 4 6 8 10 12 14 16 18 20



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 2700-A6-890

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	72	78	77	77	73	67	60	52	-1	67
	68	73	77	78	73	67	60	52	0	67
	71	74	78	79	75	69	61	55	1	68
	74	75	80	79	76	70	63	57	2	69
	75	76	79	78	76	71	65	60	3	69
	75	76	78	78	75	71	66	63	4	69
	80	80	82	80	76	71	66	63	5	70
	84	85	85	82	77	72	66	63	6	72
	86	87	88	85	80	73	67	64	7	75
	92	89	92	90	86	79	71	67	8	80
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	71	77	77	77	73	67	60	52	-1	67
	68	71	75	77	74	68	62	56	0	67
	71	72	75	77	73	68	61	55	1	66
	73	74	76	76	73	67	61	54	2	66
	74	74	77	77	74	69	63	59	3	67
	75	75	78	78	75	71	66	63	4	68
	78	78	81	81	76	71	67	64	5	71
	82	82	84	83	78	72	67	65	6	73
	82	83	87	85	80	74	68	65	7	75
	86	84	91	90	86	79	71	68	8	80
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	68	74	76	76	73	69	61	52	-1	66
	65	69	73	74	73	70	62	52	0	66
	69	71	73	73	72	69	62	52	1	65
	72	73	73	72	71	68	61	53	2	64
	74	75	75	74	72	69	63	57	3	65
	76	76	77	76	74	70	65	61	4	67
	77	78	80	79	75	71	66	62	5	69
	77	79	82	82	76	72	67	64	6	71
	78	81	86	85	80	73	68	66	7	74
	83	83	91	91	86	79	71	69	8	80

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV

VANEAXIAL FAN
ADJUSTABLE PITCH
CONTROLLABLE PITCH

ARRANGEMENT

4

CHICAGO BLOWER CORPORATION

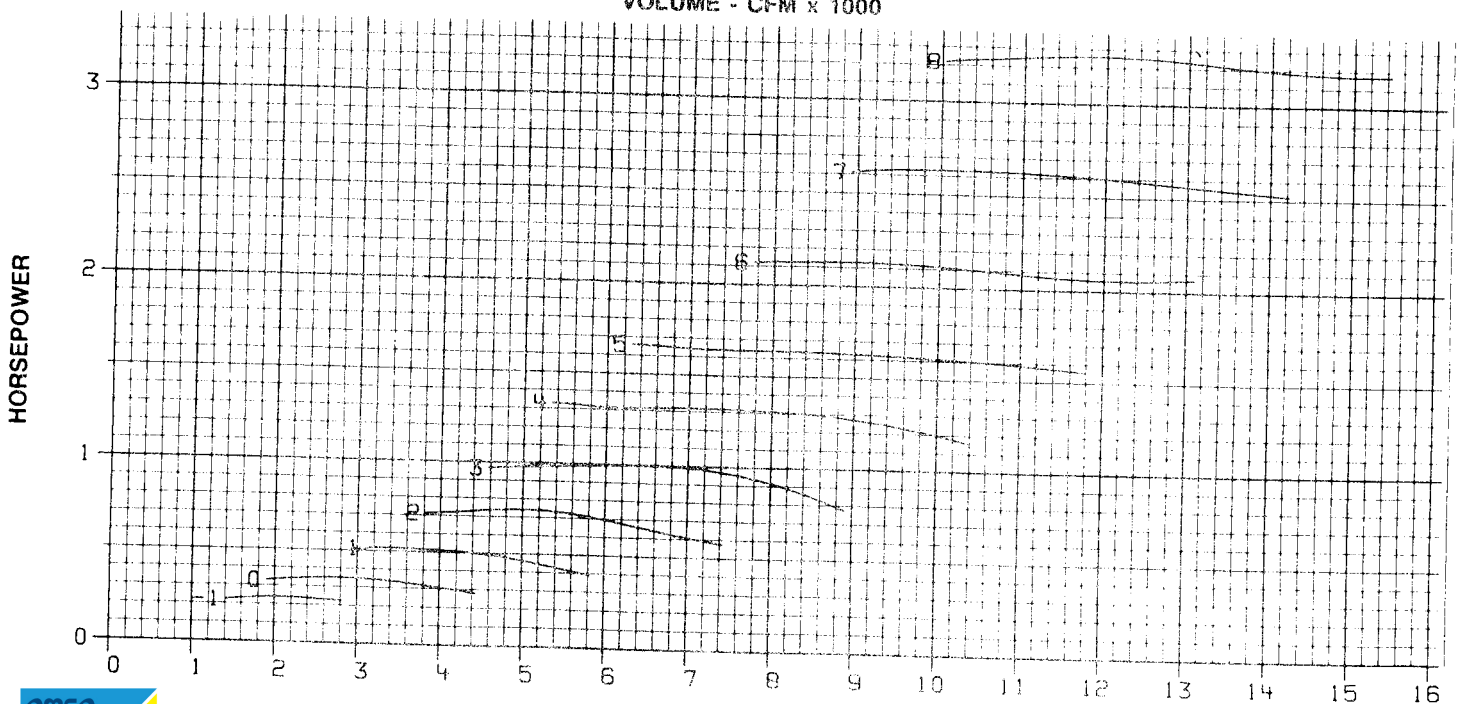
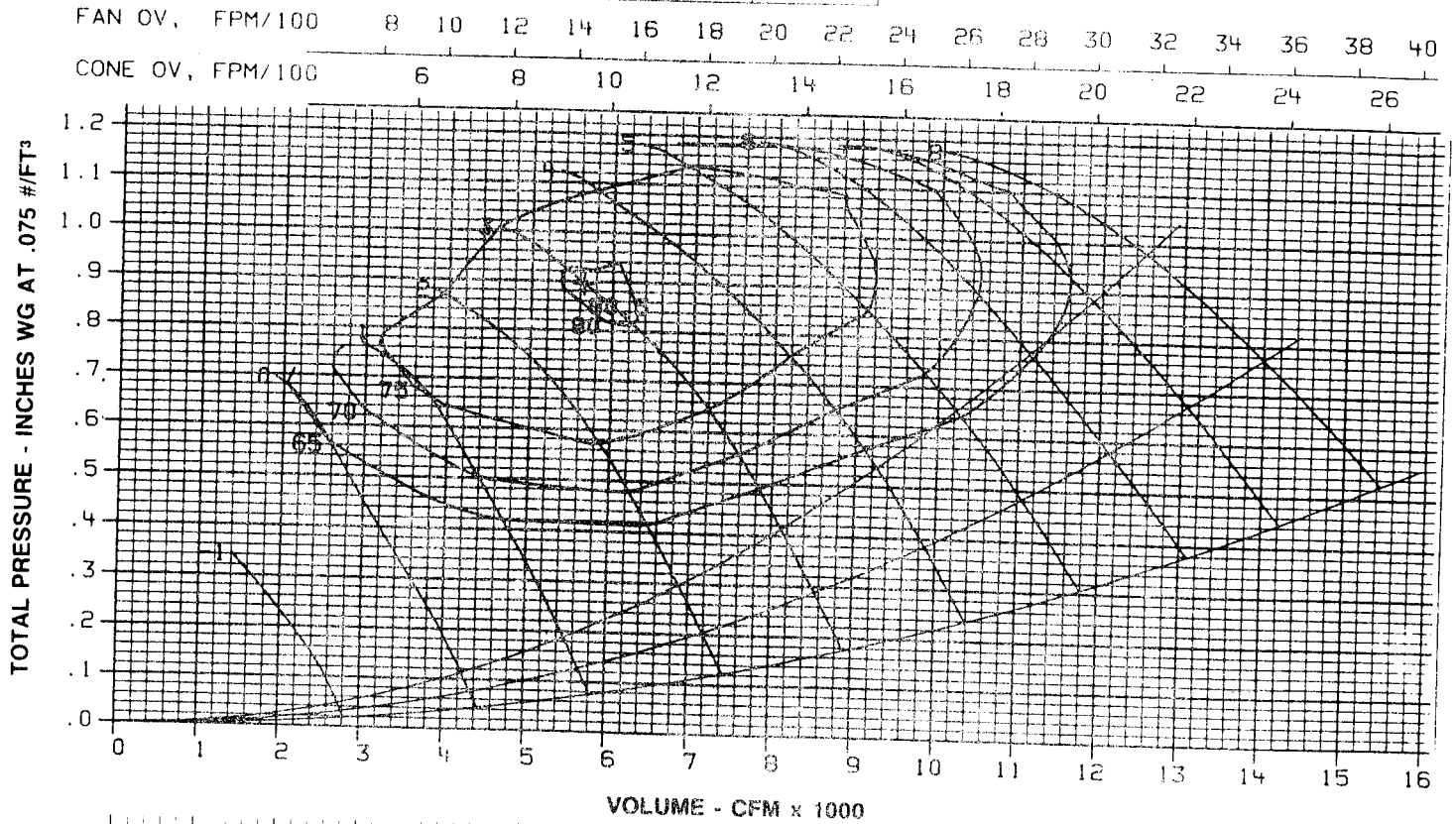
1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

PAGE 100

EFFECTIVE: SEPTEMBER 2019

SIZE 2700-A 5-1160 RPM 1160

MOTOR HP	MIN.	A/4 MAX.
	1	10



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 2700-A6-1160

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP									-2	
HIGH High point is read at peak of curve at maximum total pressure	75	86	82	84	81	76	69	61	-1	74
	74	78	82	86	81	76	69	61	0	74
	78	79	84	86	82	77	70	63	1	75
	83	80	86	86	84	79	71	65	2	77
	83	80	85	85	83	79	72	68	3	76
	83	81	85	84	82	79	73	70	4	76
	87	86	88	87	84	80	73	70	5	77
	92	91	92	89	85	80	74	70	6	80
	94	92	95	92	86	82	75	71	7	82
	97	94	97	95	90	84	76	71	8	85
MEDIUM Medium point is read at average TP/VP of low and high points	74	84	82	84	80	76	69	60	-1	74
	75	76	79	84	81	76	70	64	0	74
	78	78	81	83	81	76	69	63	1	74
	81	79	82	82	81	76	69	62	2	73
	82	80	83	84	81	77	71	66	3	74
	83	80	84	85	82	79	73	70	4	75
	86	84	87	88	84	79	74	71	5	78
	90	87	90	91	86	80	74	71	6	80
	90	88	93	93	88	82	75	72	7	82
	91	89	95	95	90	84	76	73	8	84
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	73	79	82	82	83	77	71	61	-1	73
	72	74	79	80	80	78	72	62	0	72
	76	77	79	79	79	77	71	62	1	72
	80	80	80	78	78	75	70	62	2	71
	82	81	82	80	80	77	71	65	3	72
	84	82	83	83	83	78	72	68	4	74
	84	83	85	86	86	79	73	69	5	76
	84	84	87	89	85	80	74	71	6	79
	86	86	91	92	88	82	75	72	7	82
	87	87	95	96	91	83	76	74	8	85

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to 0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet



VAV VANEAXIAL FAN
ADJUSTABLE PITCH
CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 2700-A 6-1760 RPM 1760

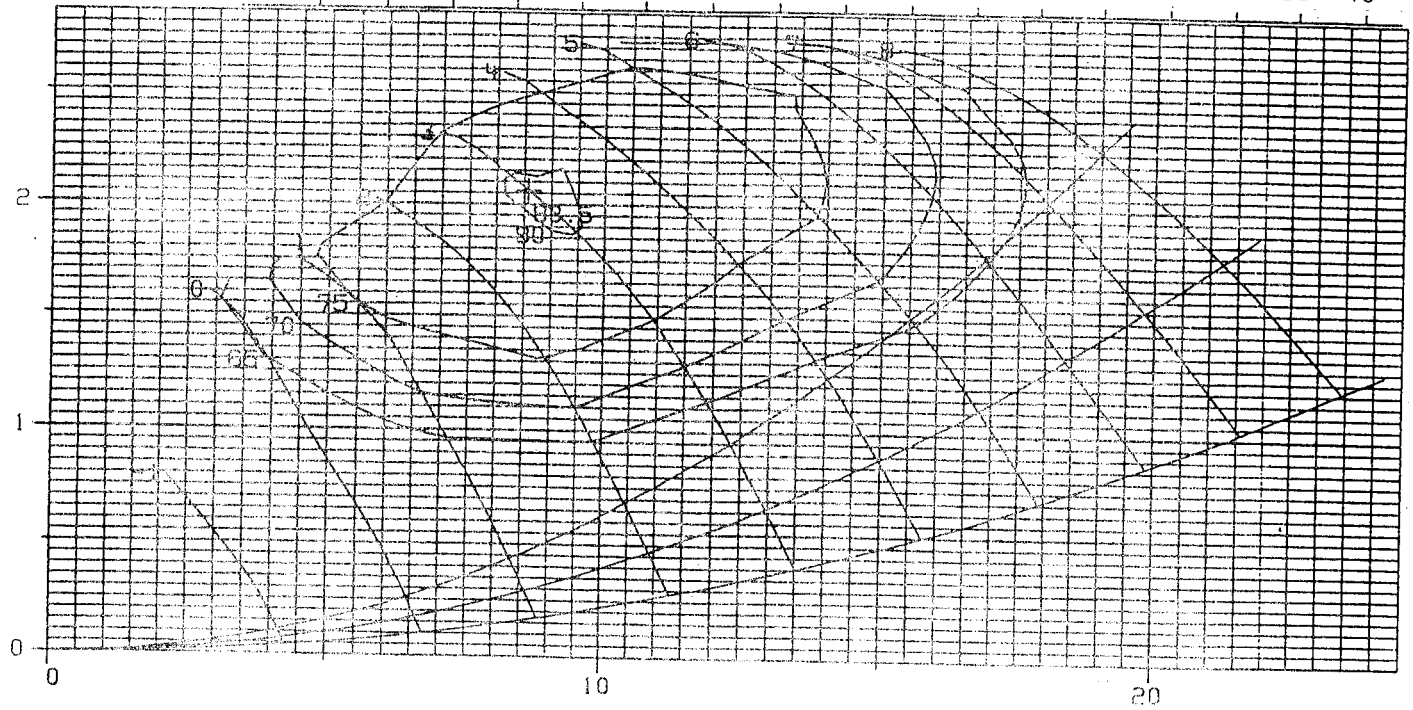
MOTOR HP	MIN.	A/4 MAX.
	1	20

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EFFECTIVE: SEPTEMBER 2019

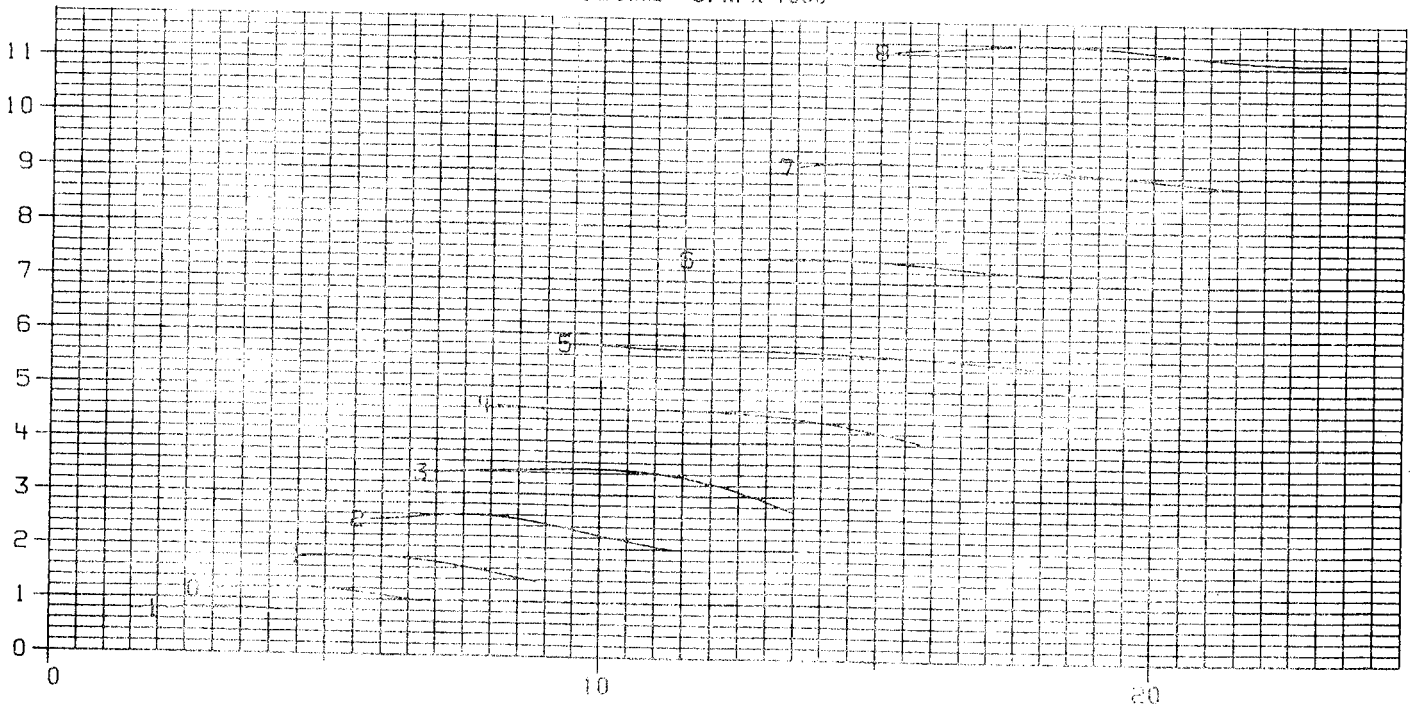
FAN OV, FPM/100 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60
 CONE OV, FPM/100 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



VOLUME - CFM x 1000

HORSEPOWER



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 2700-A6-1760

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	82	91	95	93	92	88	82	74	-1	85
	81	87	90	93	93	88	82	75	0	85
	86	90	91	94	93	89	83	76	1	86
	90	93	92	95	94	91	85	78	2	87
	90	93	92	95	93	90	85	79	3	86
	90	94	93	94	92	90	86	81	4	86
	95	98	97	97	95	91	86	81	5	88
	99	103	102	101	97	92	86	81	6	91
	102	105	103	103	100	95	88	82	7	93
	104	101	104	102	98	91	83	79	8	92
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	81	90	94	93	92	88	82	75	-1	84
	83	87	88	91	92	88	83	77	0	84
	86	90	89	91	91	88	83	76	1	84
	89	92	90	92	91	88	82	75	2	84
	89	93	91	93	92	89	84	78	3	85
	90	93	92	94	93	89	85	81	4	86
	94	97	95	97	95	91	86	81	5	88
	97	100	99	100	98	93	87	82	6	91
	97	101	100	103	100	95	88	83	7	93
	98	96	103	102	97	91	83	80	8	92
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	80	87	91	92	91	88	84	76	-1	84
	79	84	86	89	89	88	85	77	0	82
	83	88	88	89	88	87	83	76	1	82
	87	91	90	89	87	85	82	76	2	81
	89	93	92	91	89	87	83	78	3	83
	92	95	93	93	91	88	84	79	4	85
	91	95	94	95	94	90	85	81	5	87
	91	96	96	98	97	92	86	82	6	89
	93	97	98	101	100	94	88	83	7	92
	95	94	100	103	98	91	83	81	8	92

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

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VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



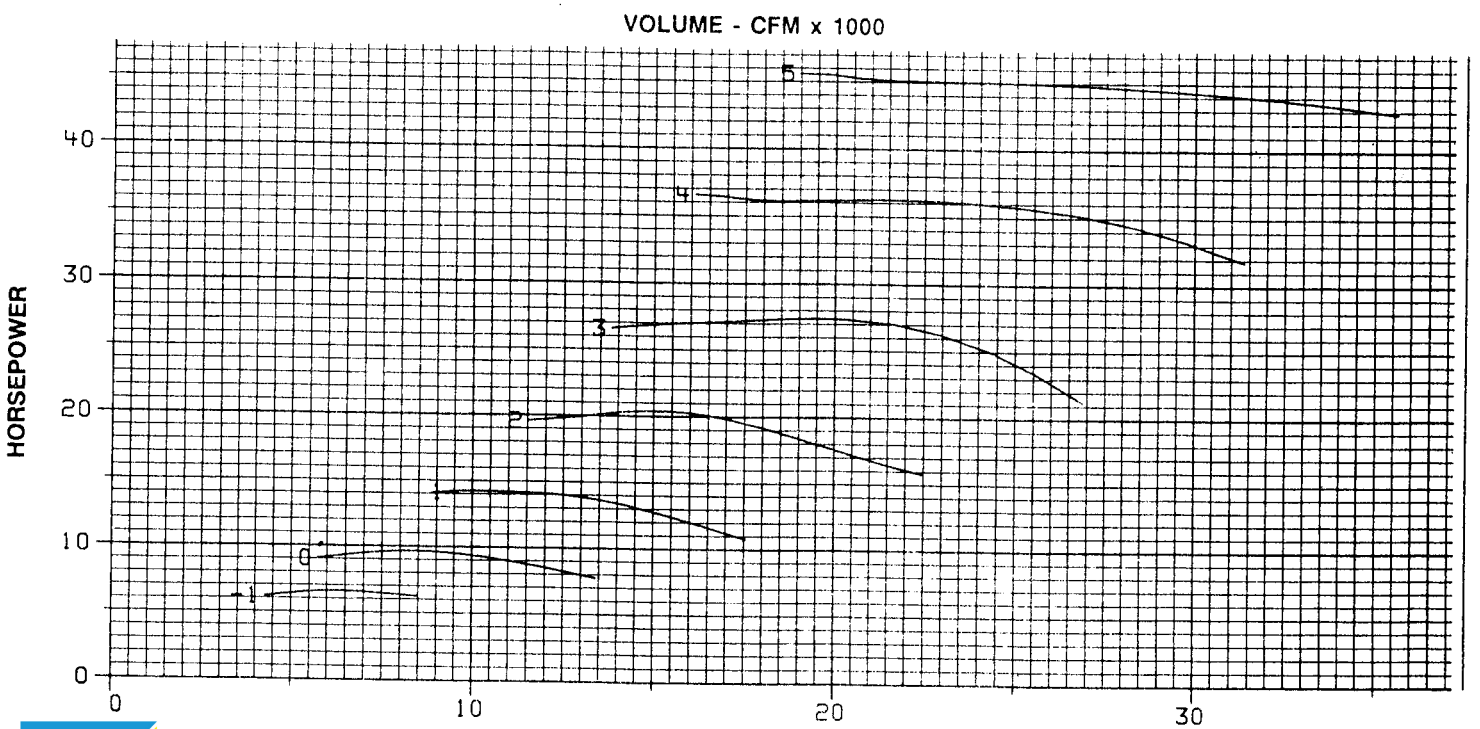
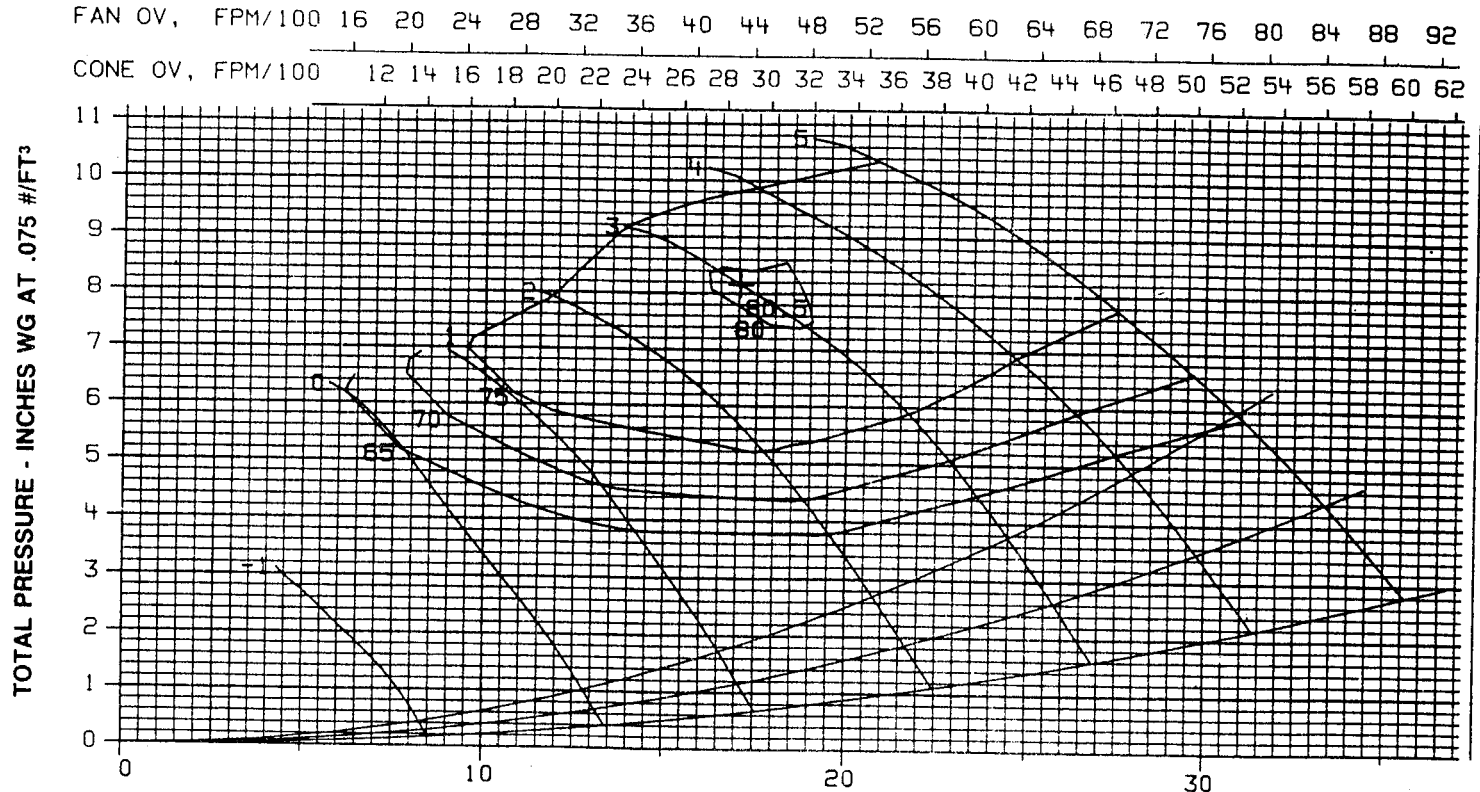
1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 2700-A 6-3500 RPM 3500

MOTOR HP	MIN.	A/4 MAX.
		5

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EFFECTIVE: SEPTEMBER 2019



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 2700-A6-3500

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	94	106	108	111	108	107	103	97	-1	102
	93	97	104	106	108	108	103	97	0	101
	98	98	107	107	109	108	104	98	1	102
	102	99	110	108	110	109	106	99	2	104
	102	99	110	108	110	108	105	100	3	103
	102	100	112	109	109	107	105	101	4	103
	107	105	115	113	112	109	106	101	5	106
									6	
									7	
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	93	103	107	109	107	106	105	97	-1	101
	95	96	104	104	106	107	105	98	0	100
	98	97	106	105	106	106	105	97	1	100
	101	98	109	106	107	105	105	97	2	100
	101	99	110	107	108	107	105	99	3	101
	102	99	110	108	109	108	104	100	4	103
	106	103	114	111	112	110	106	101	5	105
									6	
									7	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	92	98	104	106	107	105	103	98	-1	100
	95	93	101	102	104	104	103	100	0	98
	95	96	104	104	104	103	101	98	1	98
	99	99	108	106	104	102	100	97	2	98
	101	100	110	107	106	104	102	98	3	100
	103	102	112	109	108	106	103	99	4	102
	103	102	112	110	110	109	105	100	5	104
									6	
									7	
								8		

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 3000-A 6- 890

RPM 890

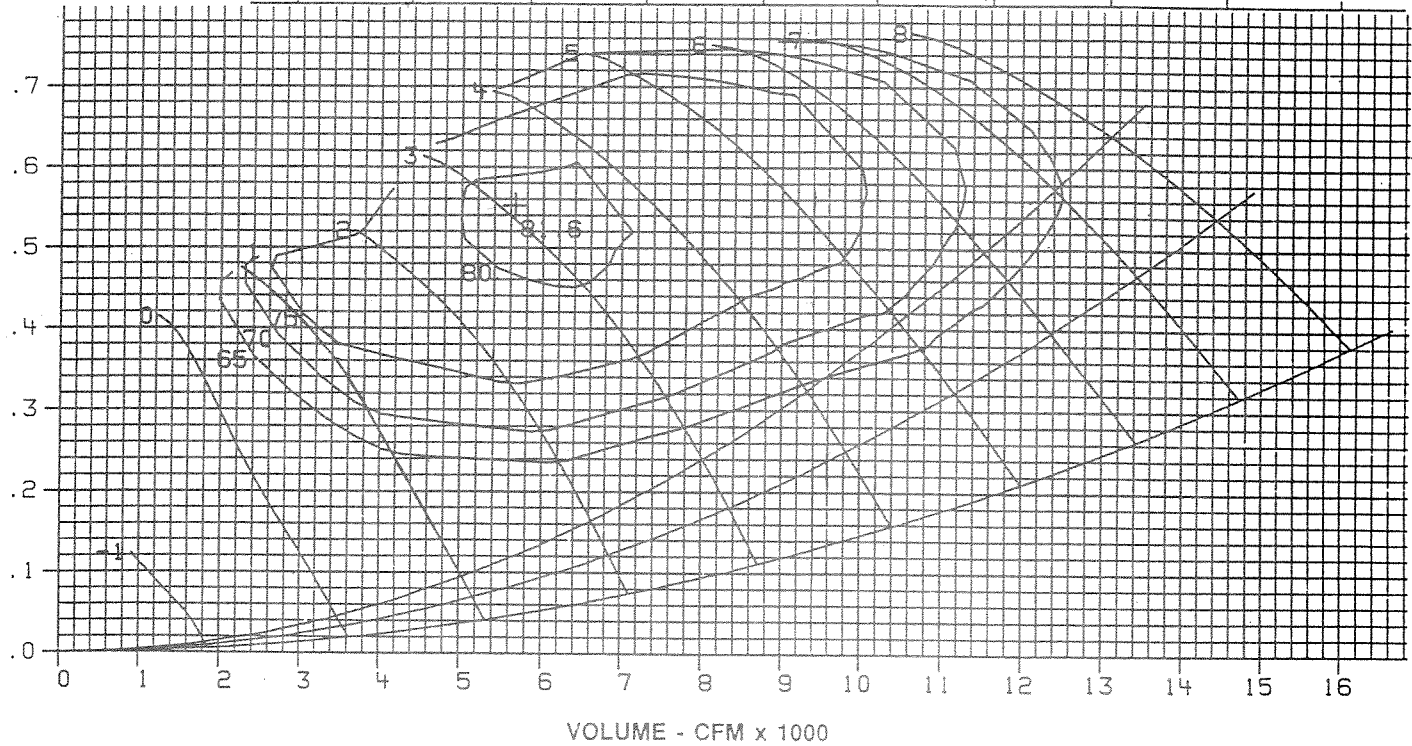
MOTOR HP	MIN.	A/4 MAX.
	1	7½

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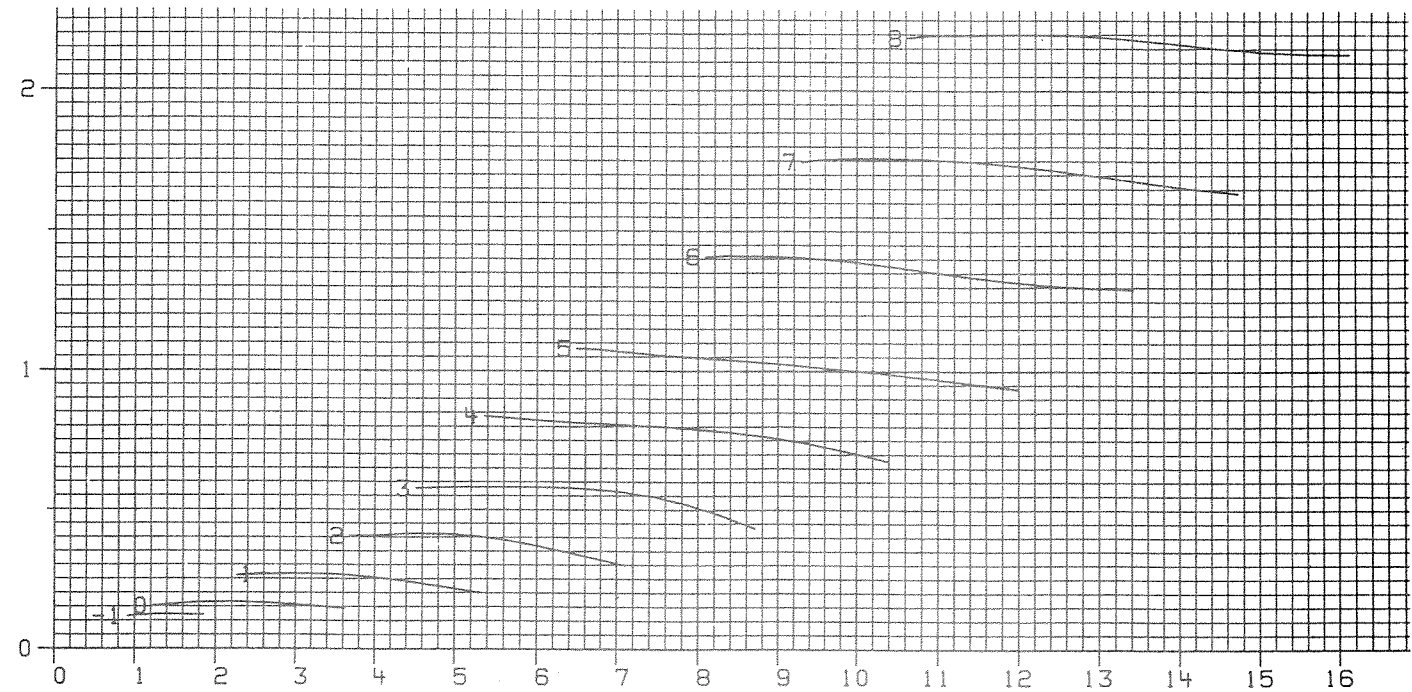
EFFECTIVE: SEPTEMBER 2019

FAN OV, FPM/100 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34
 CONE OV, FPM/100 4 6 8 10 12 14 16 18 20 22

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



HORSEPOWER



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 3000-A6-890

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	74	82	81	81	77	71	64	55	-1	70
	71	77	79	80	76	70	64	56	0	69
	73	77	80	81	77	71	65	58	1	70
	76	77	81	82	79	72	65	59	2	72
	76	78	81	82	79	73	67	62	3	72
	77	79	82	82	79	74	69	65	4	72
	82	83	85	83	79	74	69	65	5	73
	88	88	88	84	80	74	68	65	6	75
	91	90	90	88	83	76	70	66	7	78
97	93	95	94	89	82	74	70	8	83	
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	73	81	80	80	77	71	64	55	-1	70
	72	74	77	80	77	72	67	64	0	70
	73	75	78	79	77	71	65	60	1	69
	75	75	78	79	77	71	64	57	2	69
	75	76	80	80	77	72	66	61	3	70
	76	78	81	81	78	73	68	65	4	71
	81	82	85	84	80	74	69	66	5	74
	87	87	88	86	81	75	70	67	6	76
	88	89	91	89	83	77	71	68	7	78
92	90	95	94	89	83	75	72	8	83	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	71	78	80	79	77	72	65	55	-1	70
	68	75	78	78	76	73	65	54	0	69
	71	75	76	76	75	72	65	55	1	68
	74	75	75	74	73	71	65	56	2	66
	76	77	77	76	75	71	66	59	3	68
	78	78	79	79	76	71	66	62	4	69
	79	80	83	82	78	73	68	64	5	72
	80	83	86	85	80	75	70	67	6	75
	83	86	89	88	83	77	71	68	7	78
90	88	94	94	90	82	75	72	8	83	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

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VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

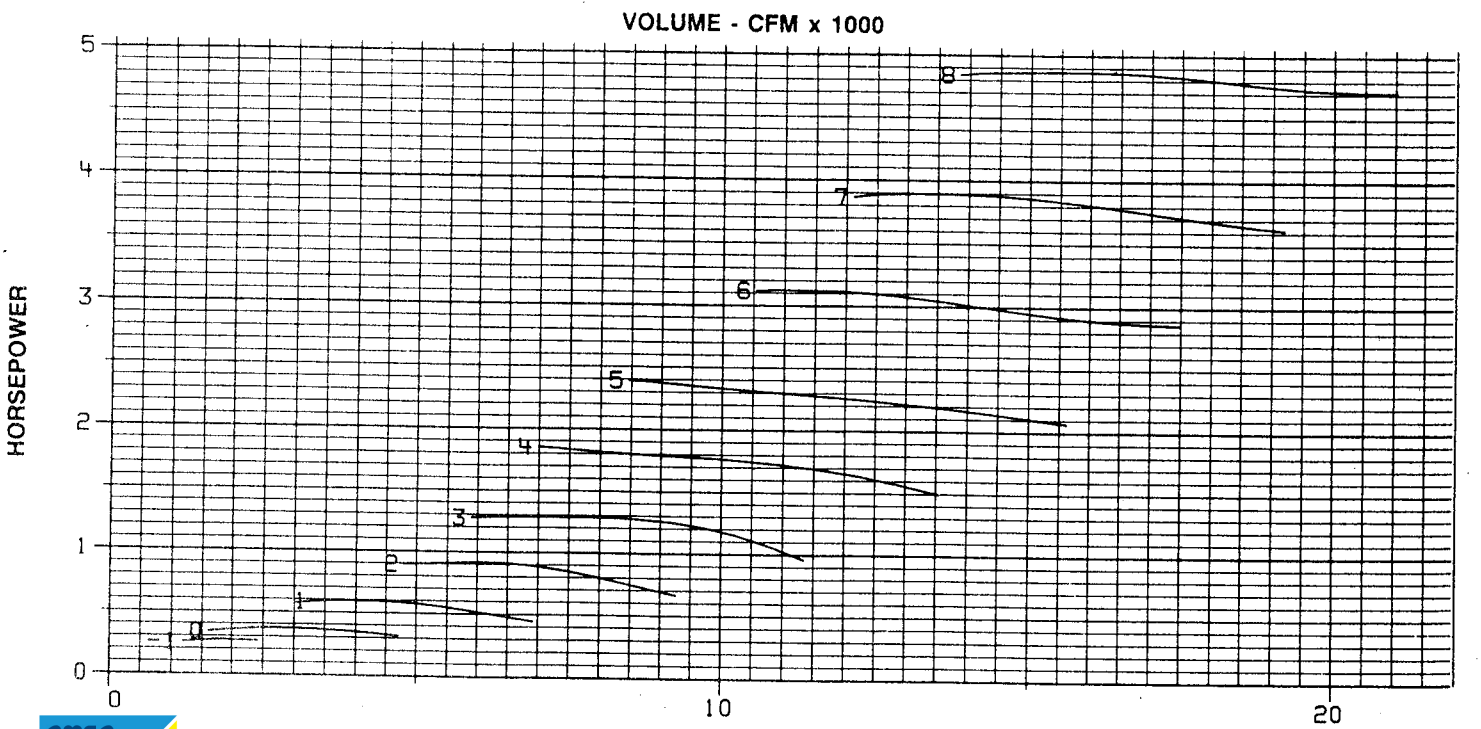
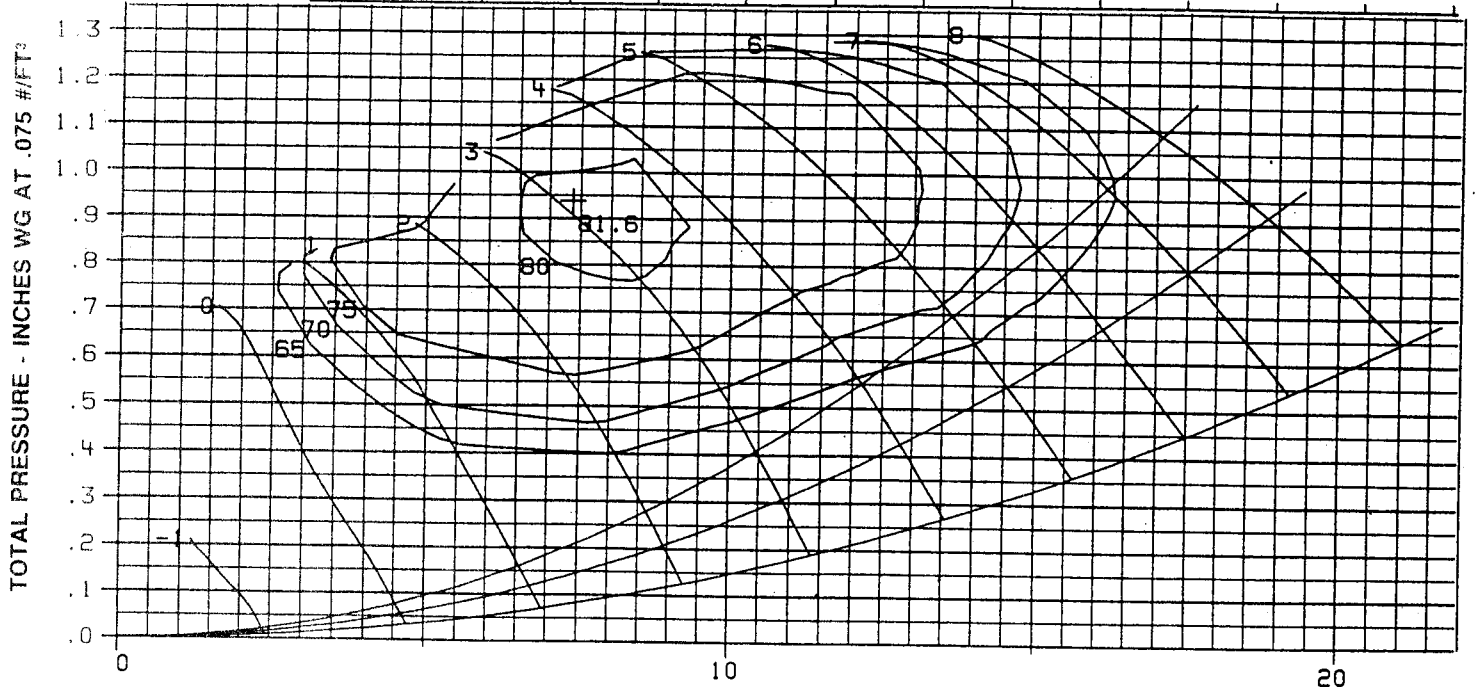
SIZE 3000-A 6-1160

RPM 1160

MOTOR HP	MIN.	A/4 MAX.
	1	10

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EFFECTIVE: SEPTEMBER 2019

FAN OV, FPM/100 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44
 CONE OV, FPM/100 6 8 10 12 14 16 18 20 22 24 26 28 30



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 3000-A6-1160

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	76	90	86	87	84	79	73	64	-1	78
	75	82	85	87	83	78	73	65	0	76
	80	81	85	87	85	79	73	66	1	78
	84	81	86	88	87	81	73	67	2	79
	84	82	87	88	87	81	75	70	3	79
	85	83	88	88	86	82	76	72	4	79
	90	88	91	90	87	82	76	72	5	80
	96	95	95	92	87	82	75	72	6	82
	99	96	97	95	91	84	77	74	7	85
101	97	100	99	94	87	79	75	8	88	
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	75	88	86	87	84	79	73	64	-1	77
	79	80	82	86	85	79	74	71	0	77
	81	80	83	85	85	79	73	68	1	77
	83	80	84	85	85	79	72	65	2	76
	83	81	85	87	85	80	74	69	3	77
	84	82	87	88	85	81	75	72	4	78
	89	87	91	91	87	82	76	73	5	81
	95	92	95	94	89	83	77	74	6	83
	96	93	97	96	92	85	78	75	7	86
96	94	99	98	94	87	79	76	8	88	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	74	84	86	86	84	80	74	65	-1	77
	73	78	84	84	82	80	75	64	0	76
	77	80	83	82	81	79	74	65	1	74
	81	81	81	80	80	78	74	65	2	73
	83	82	83	83	81	79	74	67	3	75
	85	84	86	85	83	79	74	70	4	76
	86	85	88	89	86	81	75	72	5	79
	87	87	91	93	88	83	77	74	6	82
	90	90	95	96	91	85	78	75	7	85
94	93	99	99	94	87	79	77	8	88	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1875 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 3000-A 6-1760

RPM 1760

MOTOR HP	MIN.	A/4 MAX.
	1 1/2	20

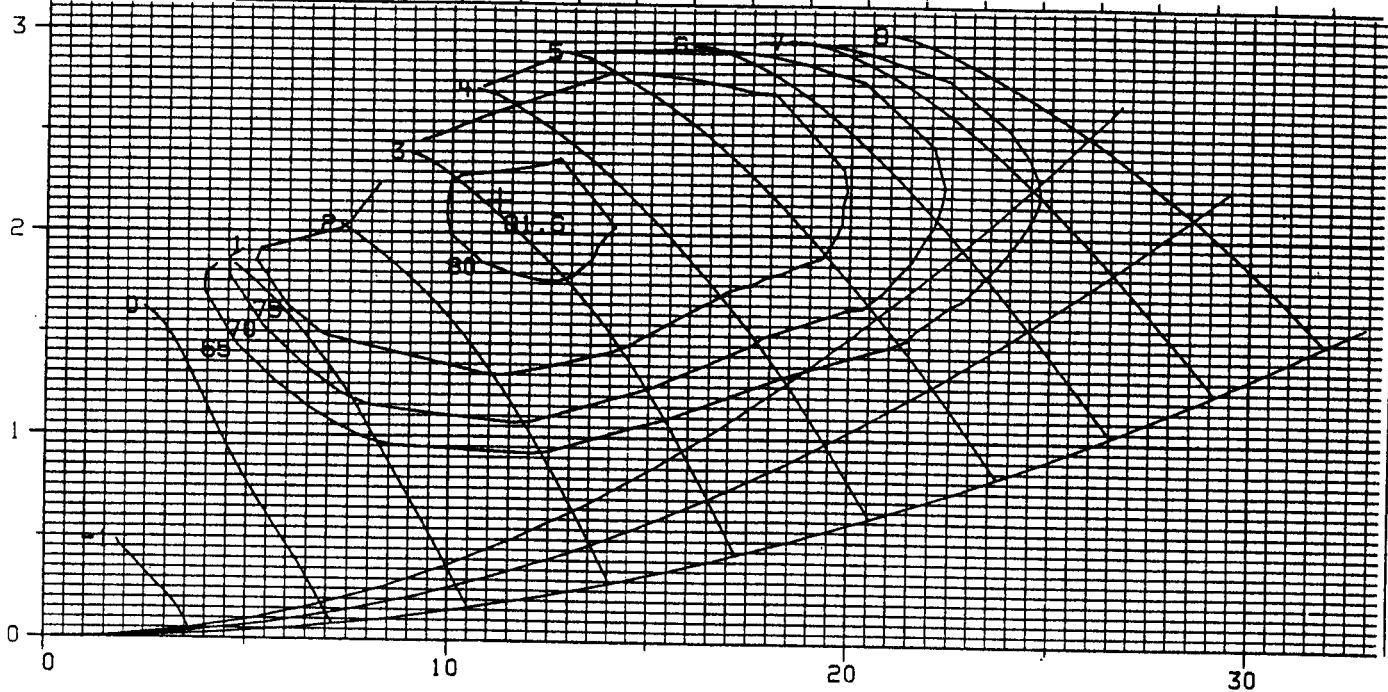
PAGE 105

EFFECTIVE: SEPTEMBER 2019

FAN OV, FPM/100 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66

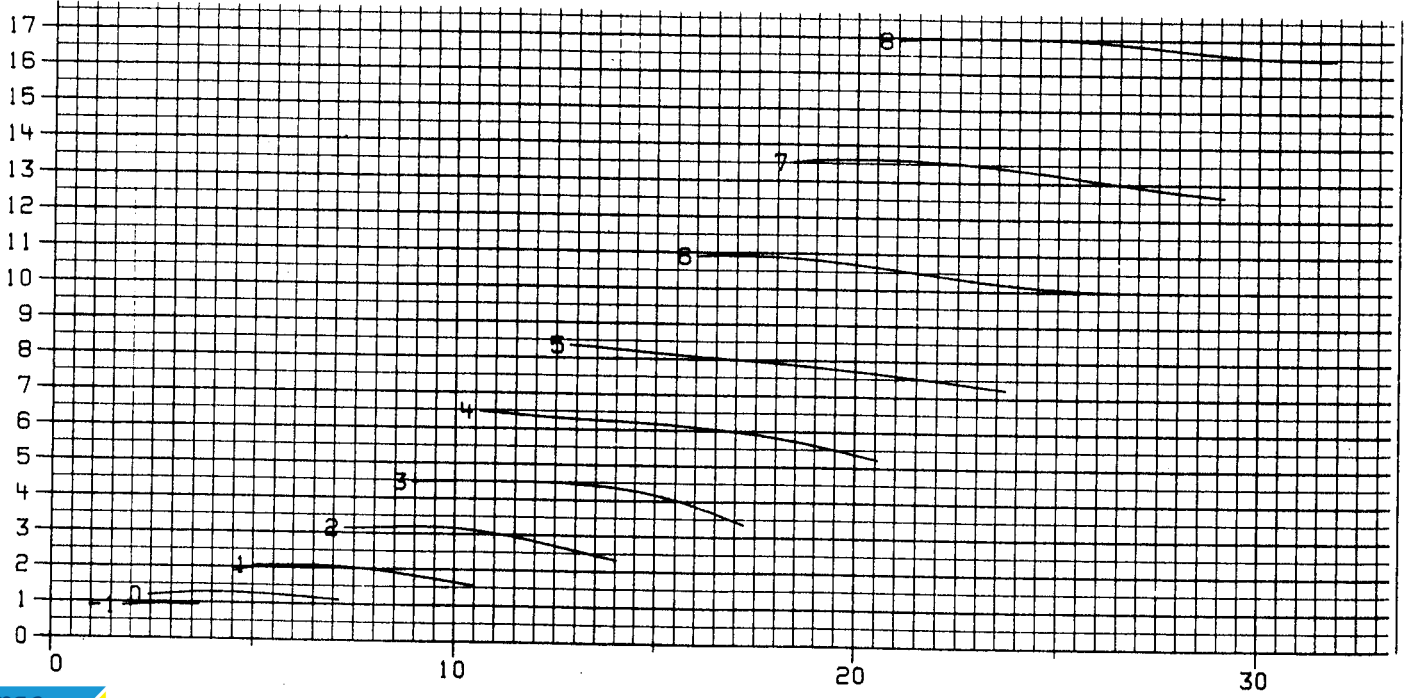
CONE OV, FPM/100 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



VOLUME - CFM x 1000

HORSEPOWER



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.



1675 GLEN ELLYN ROAD
 GLENDALE HEIGHTS, ILLINOIS 60139
 Phone 708-858-2600

EFFECTIVE: SEPTEMBER 2019

PAGE 105S

FAN MODEL: 3000-A6-1760

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	83	93	98	96	95	91	86	79	-1	88
	82	90	93	95	94	90	85	78	0	87
	87	92	93	96	95	92	86	79	1	88
	91	94	93	97	97	94	87	80	2	89
	92	95	93	97	97	94	88	82	3	89
	92	95	94	97	97	94	89	83	4	89
	97	101	99	100	98	94	88	83	5	91
	103	107	104	103	99	94	88	83	6	93
	106	109	106	106	102	97	91	85	7	96
108	105	107	106	101	94	86	82	8	95	
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	82	92	97	96	95	91	86	79	-1	88
	86	91	90	93	94	92	86	82	0	87
	88	92	91	93	94	92	86	80	1	87
	90	93	91	94	94	91	85	79	2	87
	91	94	92	95	95	92	87	81	3	88
	91	95	93	97	96	93	88	83	4	89
	97	100	98	101	99	94	89	84	5	91
	102	105	103	104	101	96	90	85	6	94
	103	106	104	106	103	98	92	86	7	96
104	101	106	106	101	94	86	83	8	95	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	82	90	94	96	94	91	87	87	-1	87
	80	87	90	94	92	91	87	87	0	86
	84	90	91	92	91	89	86	86	1	85
	88	92	91	90	89	88	86	86	2	83
	90	94	92	93	91	89	86	86	3	85
	93	96	94	95	95	90	86	86	4	87
	93	97	96	98	97	93	88	88	5	89
	94	98	99	102	100	95	89	89	6	92
	98	102	102	105	103	98	91	91	7	96
101	100	106	106	102	94	87	87	8	95	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV

VANEAXIAL FAN
ADJUSTABLE PITCH
CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

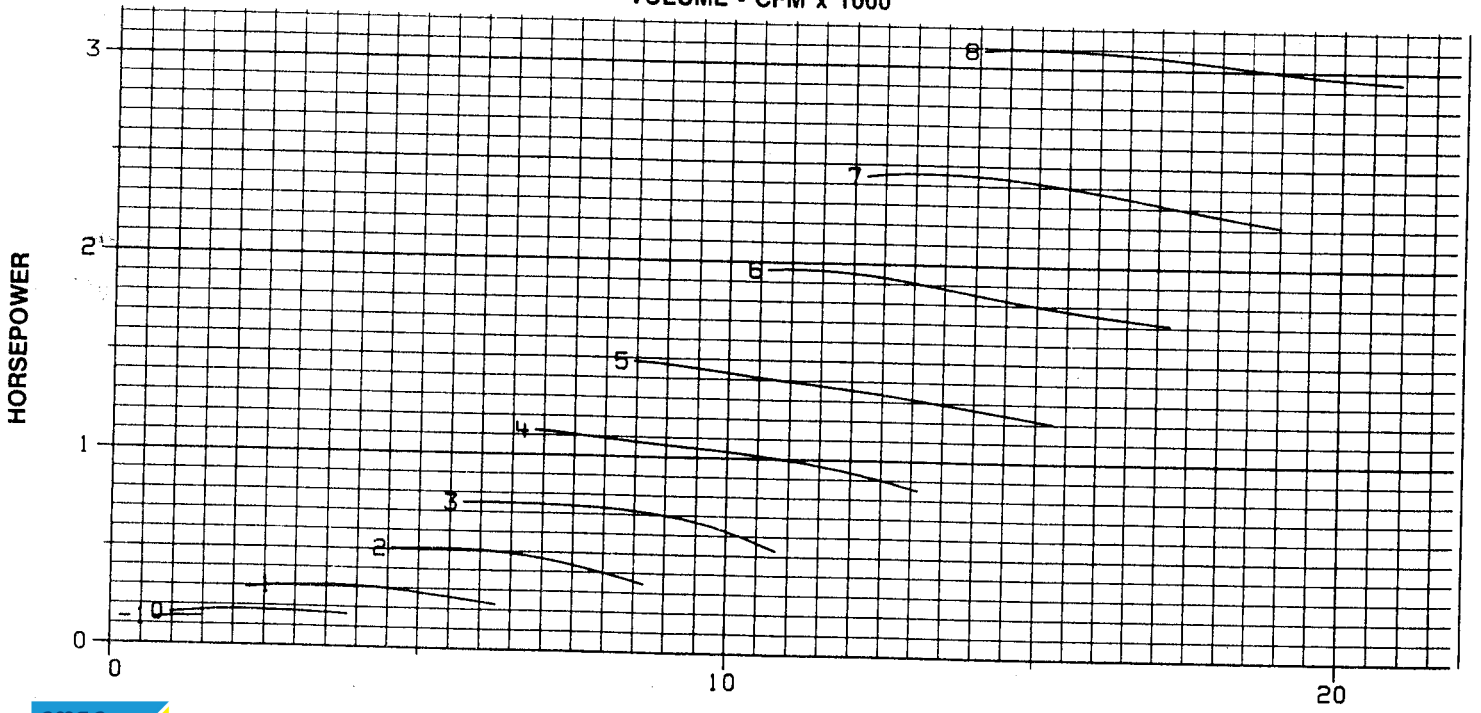
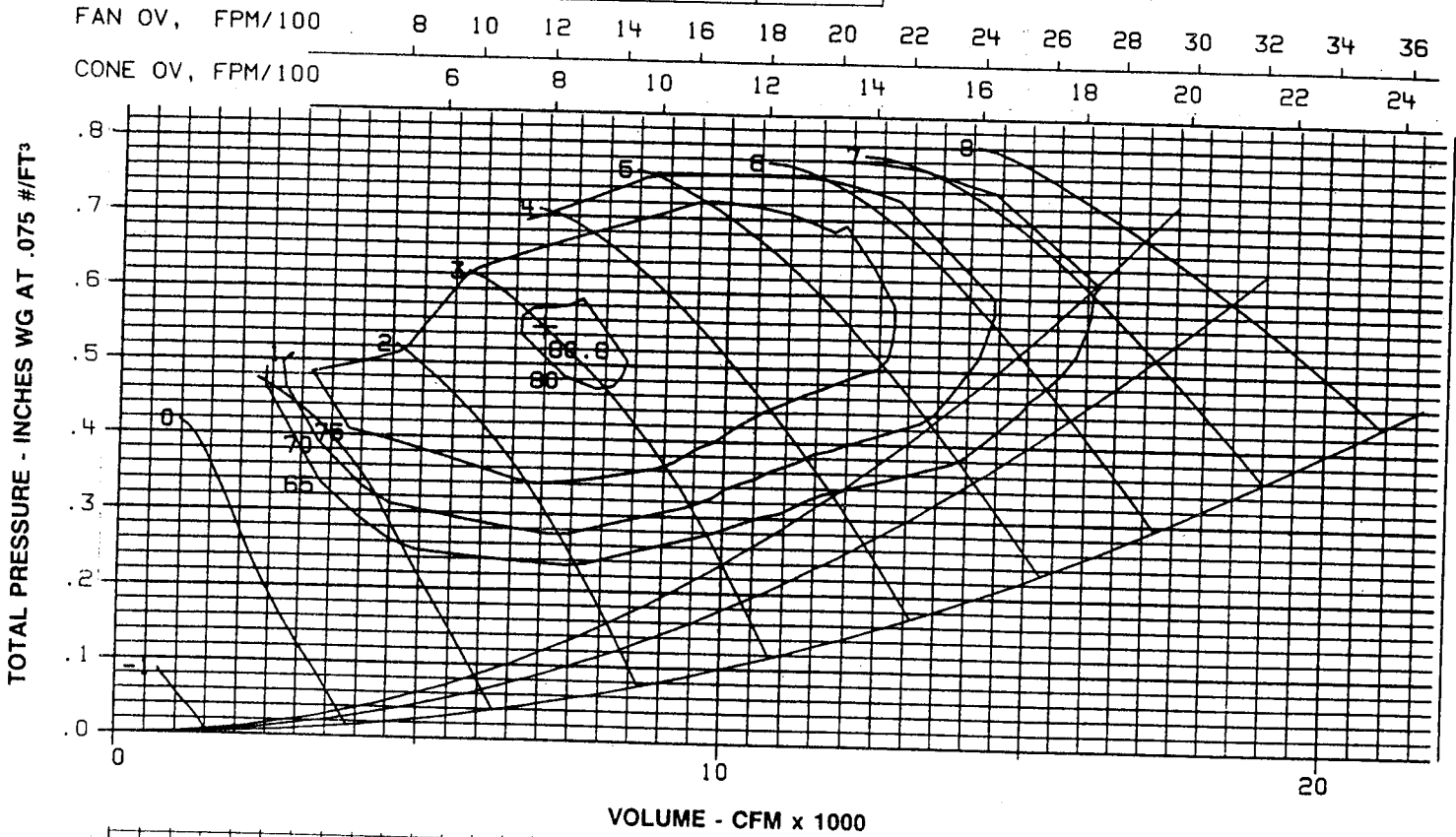
SIZE	3300-A 6- 890
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RPM	890
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MOTOR HP	MIN.	A/4 MAX.
	1	7½

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EFFECTIVE: SEPTEMBER 2019



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 3300-A6-890

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	76	85	85	84	80	75	68	58	-1	74
	73	80	82	81	78	73	67	60	0	71
	75	78	82	82	80	74	67	60	1	72
	76	77	83	84	81	74	68	61	2	74
	77	78	84	85	82	75	69	64	3	75
	78	80	86	86	83	76	71	67	4	76
	87	85	88	86	82	76	70	67	5	76
	91	90	91	86	81	75	70	67	6	77
	96	92	94	90	85	78	72	69	7	80
100	95	99	97	92	85	77	73	8	86	
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	75	84	85	83	80	75	68	58	-1	73
	75	77	80	82	80	75	72	71	0	72
	75	76	80	82	80	74	69	66	1	72
	76	76	81	82	80	73	67	60	2	72
	76	77	83	83	81	74	68	63	3	73
	77	79	85	84	81	75	70	66	4	74
	86	85	89	87	83	77	71	68	5	77
	91	91	93	89	84	78	72	69	6	79
	93	92	95	92	87	80	74	71	7	81
97	94	99	97	93	86	78	75	8	87	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	73	82	84	83	83	75	68	59	-1	73
	70	79	84	81	81	75	67	56	0	72
	72	77	80	79	79	74	68	58	1	70
	74	75	77	76	76	74	68	60	2	69
	76	77	80	79	79	73	68	62	3	70
	78	79	82	81	81	73	68	64	4	71
	80	82	86	85	83	75	70	66	5	74
	82	85	90	88	88	77	72	69	6	78
	87	89	94	91	91	80	74	71	7	81
96	93	99	97	97	86	78	75	8	87	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



SIZE 3300-A 6-1160

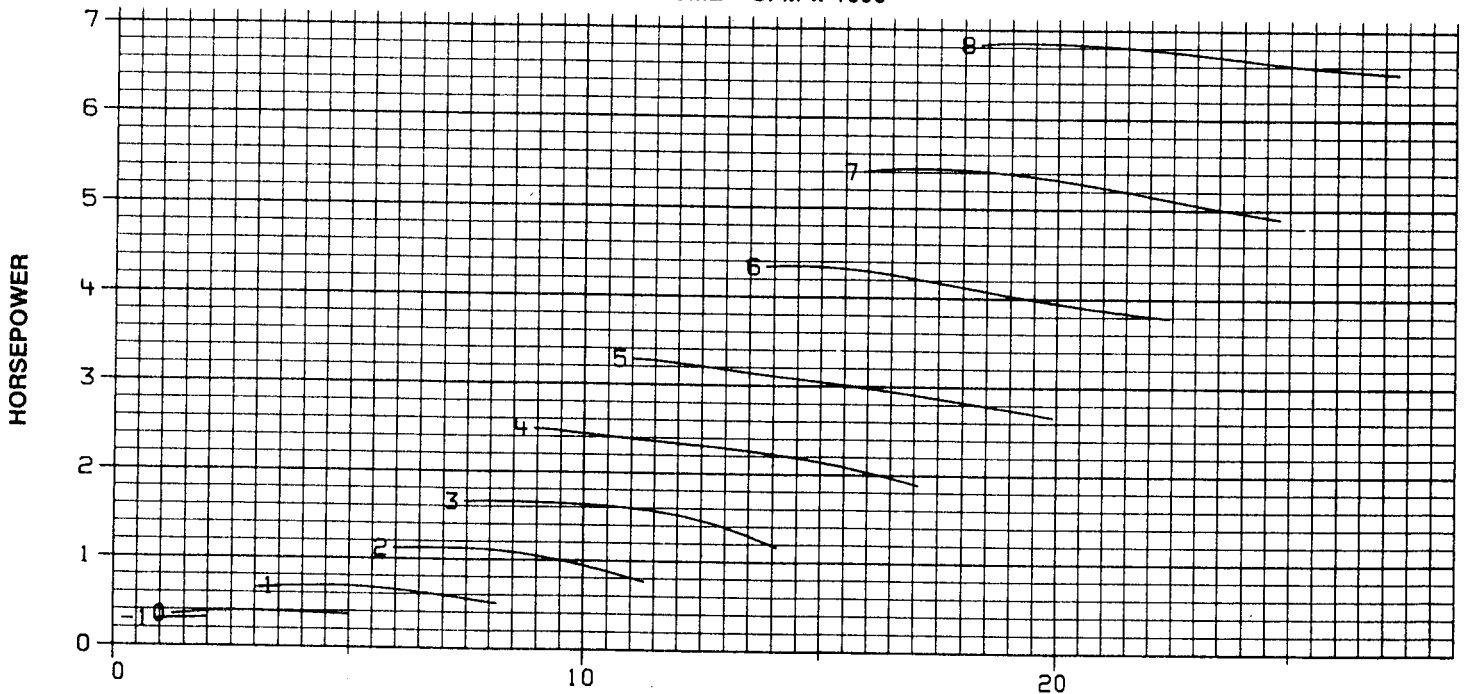
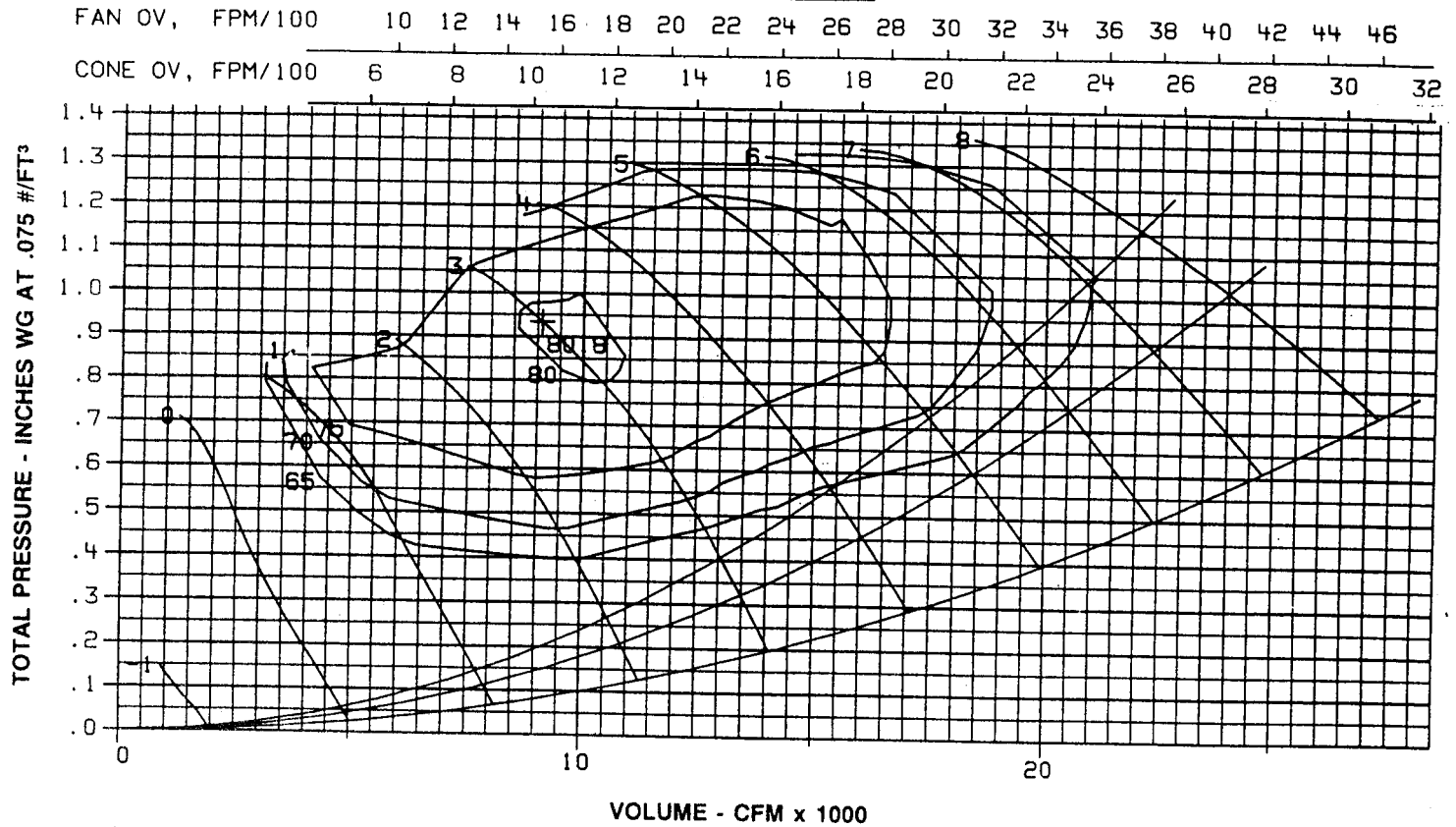
RPM 1160

1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

MOTOR HP	MIN.	A/4 MAX.
	1	10

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EFFECTIVE: SEPTEMBER 2019



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 3300-A6-1160

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	78	92	91	90	88	83	77	68	-1	81
	76	85	88	88	85	81	76	68	0	78
	81	83	88	89	88	82	76	69	1	80
	85	81	88	90	90	82	76	69	2	81
	85	82	89	91	90	84	77	72	3	82
	86	84	91	92	90	85	78	74	4	83
	93	90	95	93	90	84	77	74	5	83
	100	95	98	94	89	83	77	74	6	84
	102	98	101	98	93	86	79	76	7	88
105	100	104	102	97	90	82	78	8	91	
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	76	90	91	90	87	82	77	68	-1	80
	82	82	85	87	88	82	78	77	0	79
	83	81	85	87	88	82	77	73	1	79
	84	80	86	88	88	82	75	68	2	80
	85	81	88	89	88	83	76	71	3	80
	85	83	90	91	89	84	77	73	4	81
	92	89	95	94	90	85	78	75	5	84
	99	96	100	97	92	86	79	76	6	87
	101	97	102	99	95	88	81	78	7	89
102	98	104	101	97	91	83	79	8	91	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	76	87	91	89	87	83	83	68	-1	80
	74	82	91	87	85	83	83	66	0	79
	78	81	87	85	84	82	82	67	1	77
	82	81	84	82	82	81	81	69	2	76
	84	82	86	85	83	81	81	70	3	77
	86	84	88	88	85	81	81	71	4	78
	88	86	90	92	88	83	83	74	5	82
	89	89	96	96	91	85	85	76	6	85
	95	93	100	99	95	88	88	78	7	88
101	98	104	102	98	90	90	80	8	91	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



SIZE 3300-A 6-1760

RPM 1760

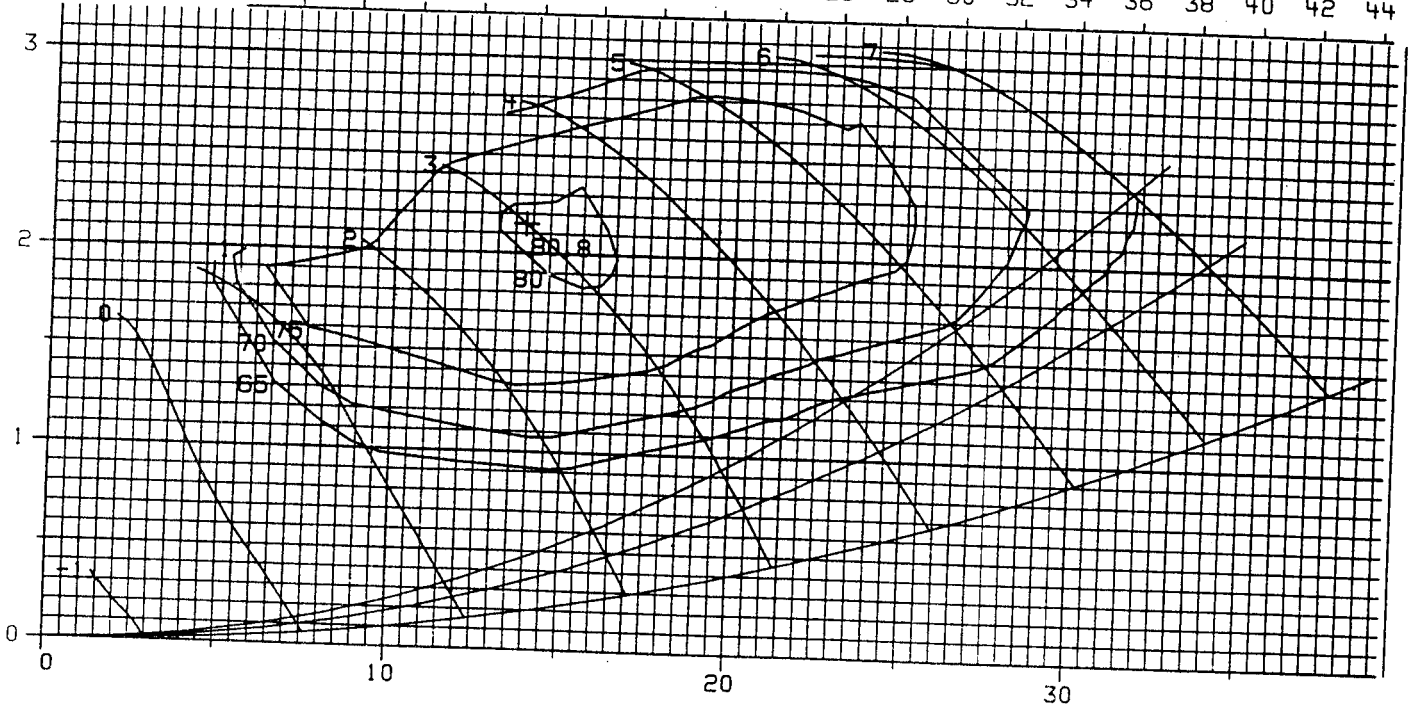
1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600
PAGE 108

MOTOR HP	MIN.	A/4 MAX.
	1½	20

EFFECTIVE: SEPTEMBER 2019

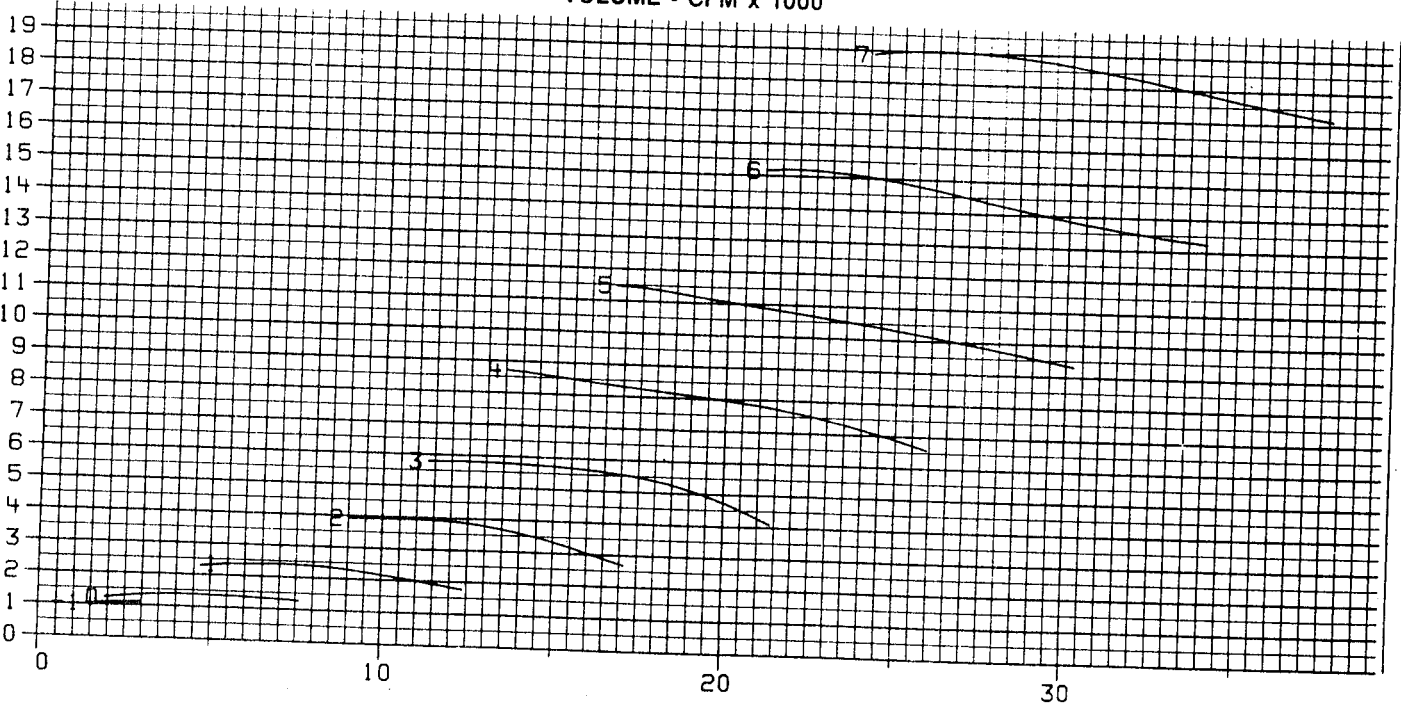
FAN OV, FPM/100 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64
CONE OV, FPM/100 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



VOLUME - CFM x 1000

HORSEPOWER



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.



1675 GLEN ELLYN ROAD
 GLENDALE HEIGHTS, ILLINOIS 60139
 Phone 708-858-2600

EFFECTIVE: SEPTEMBER 2019

PAGE 108S

FAN MODEL: 3300-A6-1760

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	84	94	102	100	98	95	89	82	-1	91
	83	91	97	97	96	92	88	82	0	89
	88	92	95	97	97	94	88	82	1	90
	92	94	94	97	99	96	89	82	2	91
	93	95	95	99	100	97	90	84	3	92
	93	96	97	101	100	97	91	85	4	93
	100	102	102	103	101	97	90	85	5	94
	107	109	107	106	101	96	90	85	6	95
	110	111	109	109	105	100	93	93	7	99
								8		
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	83	93	100	99	98	95	89	82	-1	91
	89	93	93	95	96	94	89	87	0	89
	90	93	93	95	97	95	89	84	1	89
	91	93	93	96	97	95	88	82	2	89
	92	94	94	98	98	95	89	83	3	90
	92	95	96	99	99	96	90	85	4	91
	100	102	102	103	102	97	91	86	5	94
	107	109	108	108	104	99	92	87	6	98
	108	110	109	110	107	101	94	89	7	100
								8		
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	83	91	99	99	97	95	90	83	-1	90
	82	88	96	98	96	93	89	82	0	89
	85	90	94	95	93	92	89	82	1	87
	89	92	92	92	91	91	89	83	2	85
	91	94	94	95	93	91	88	83	3	87
	94	96	96	97	96	92	87	82	4	89
	95	98	99	101	99	95	90	85	5	92
	96	100	102	105	103	96	92	87	6	95
	102	105	106	108	106	101	94	89	7	99
								8		

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

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VAV

ADJUSTABLE PITCH
CONTROLLABLE PITCH

ARRANGEMENT
4



SIZE 3650-A 6- 890

RPM 890

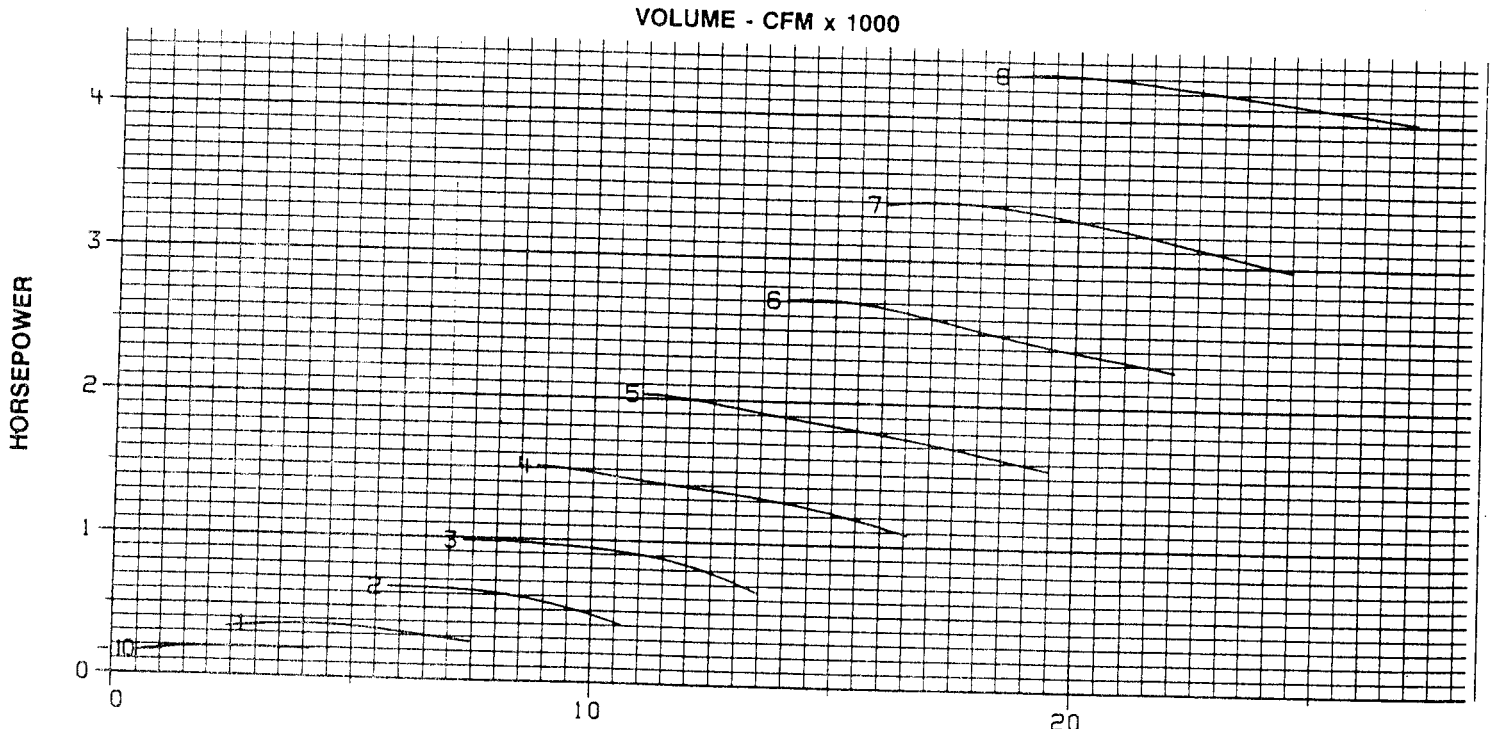
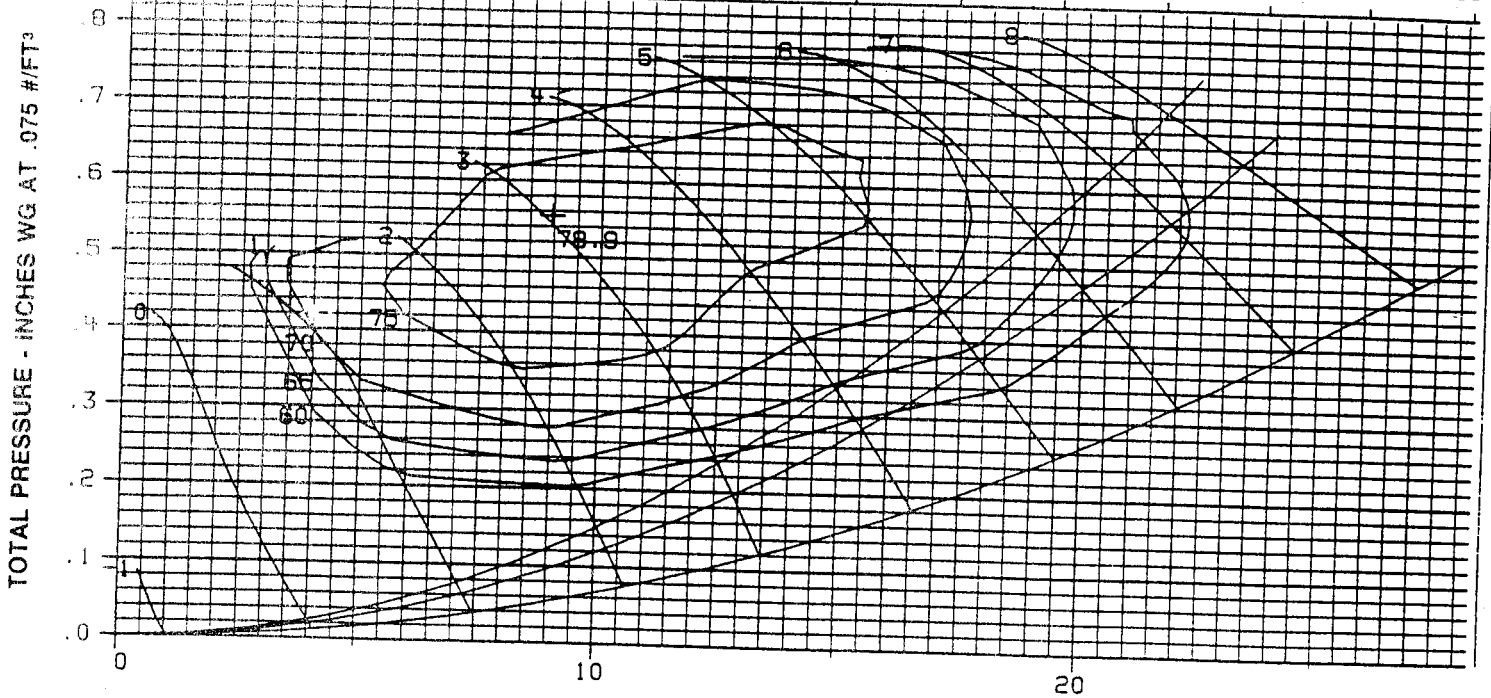
1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

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EFFECTIVE: SEPTEMBER 2019

MOTOR HP	MIN.	A/4 MAX.
	1	7½

FAN OV, FPM/100 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38
 CONE OV, FPM/100 6 8 10 12 14 16 18 20 22 24 26



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 3650-A6-890

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	78	89	89	87	84	79	72	62	-1	77
	75	84	84	82	80	76	71	63	0	73
	76	81	84	84	82	76	70	63	1	74
	77	77	83	86	84	76	70	63	2	76
	78	80	86	88	85	78	71	66	3	78
	79	82	89	90	86	79	73	69	4	79
	87	87	91	89	85	78	72	69	5	79
	95	93	93	89	83	77	72	69	6	79
	97	94	97	93	87	80	75	72	7	83
104	98	102	101	96	88	80	76	8	90	
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	76	87	88	86	83	78	72	62	-1	77
	78	80	82	84	83	78	77	80	0	76
	77	78	82	85	83	77	74	71	1	75
	76	77	83	86	84	76	70	63	2	76
	77	79	85	87	84	77	71	65	3	71
	78	81	87	88	84	78	72	68	4	77
	87	88	92	90	86	79	73	70	5	80
	96	96	97	92	87	80	75	72	6	82
	98	97	99	95	90	83	77	74	7	85
103	99	103	100	97	90	82	78	8	90	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	76	87	88	86	83	78	71	62	-1	76
	73	84	89	84	81	77	69	58	0	75
	74	80	84	80	80	77	71	61	1	73
	75	76	79	78	78	77	72	63	2	71
	77	78	82	81	79	76	70	64	3	72
	79	80	84	83	79	74	69	65	4	73
	82	85	89	87	83	77	72	68	5	77
	84	89	94	91	87	80	75	72	6	81
	92	94	97	95	90	83	77	74	7	84
103	99	103	100	97	90	82	78	8	90	

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VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 3650-A 6-1160

RPM 1160

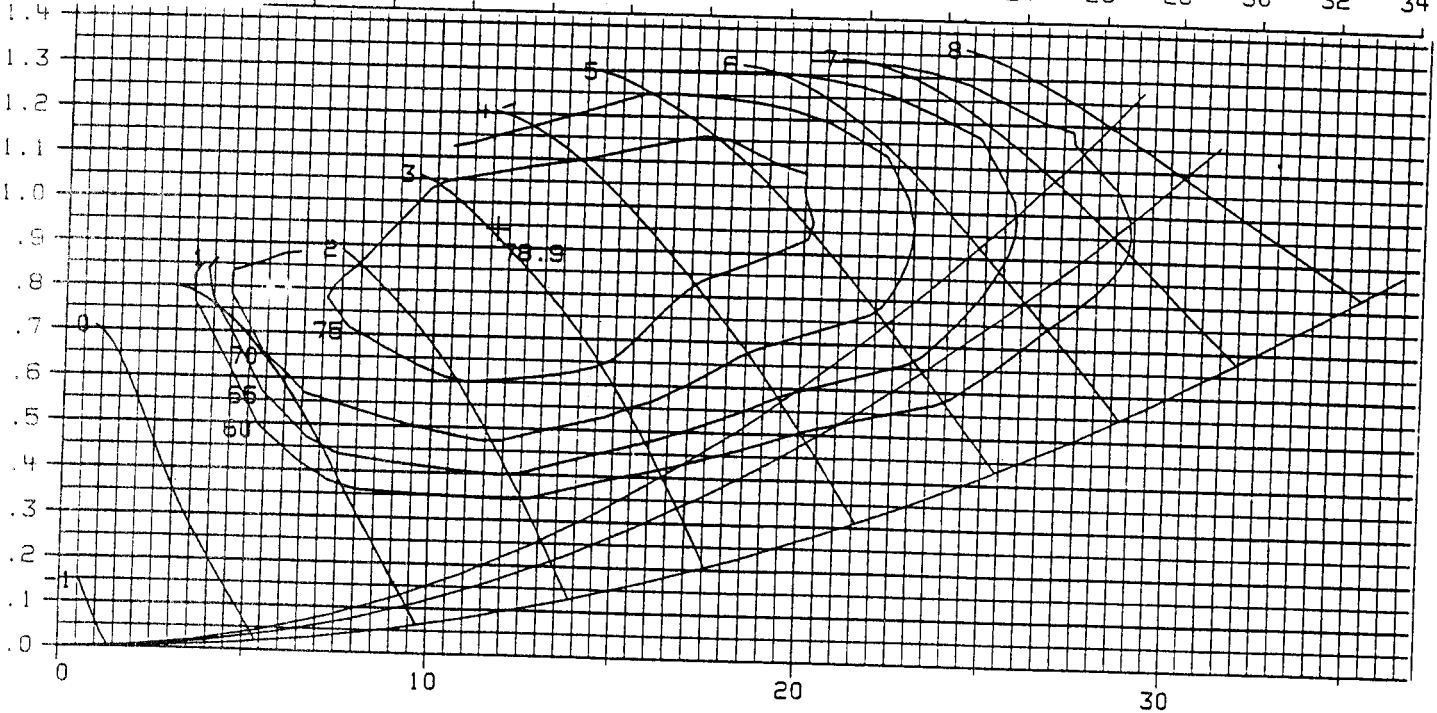
MOTOR HP	MIN.	A/4 MAX.
	1	10

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EFFECTIVE: SEPTEMBER 2019

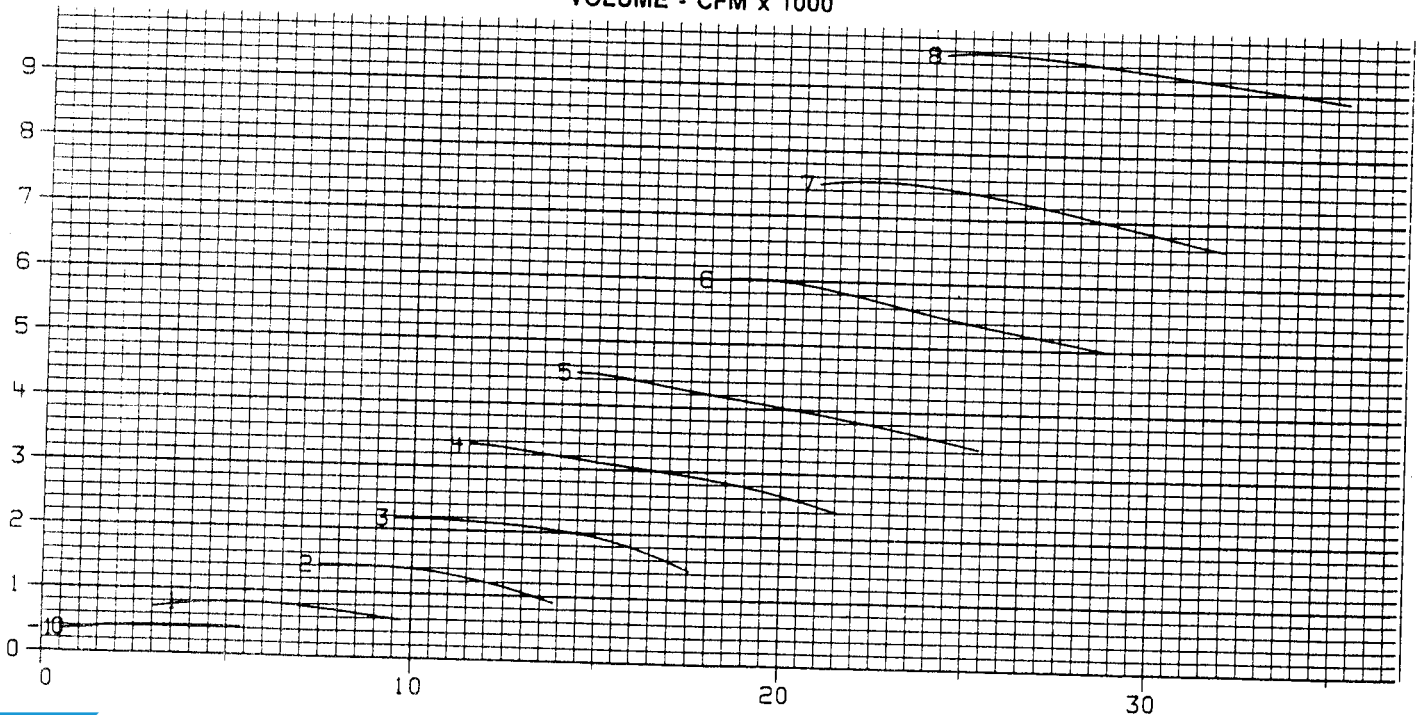
FAN OV, FPM/100 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50
 CONE OV, FPM/100 5 8 10 12 14 16 18 20 22 24 26 28 30 32 34

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



VOLUME - CFM x 1000

HORSEPOWER



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 3650-A6-1160

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	78	95	95	93	91	86	81	71	-1	84
	77	90	91	88	87	83	80	72	0	80
	81	85	89	90	90	84	79	72	1	82
	85	81	88	91	93	84	78	71	2	84
	86	83	91	94	94	86	79	74	3	85
	87	85	93	96	95	88	80	76	4	87
	95	92	97	96	93	86	79	76	5	86
	104	98	101	96	91	85	79	76	6	86
	106	100	103	101	96	89	82	78	7	90
	109	103	106	105	100	92	85	81	8	94
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	77	93	95	93	91	86	81	71	-1	84
	85	85	87	88	91	84	82	85	0	82
	85	83	87	89	92	84	80	80	1	83
	85	81	87	91	92	85	79	79	2	83
	85	82	90	92	92	85	79	79	3	84
	86	84	92	94	92	86	79	79	4	84
	95	93	98	97	94	87	81	81	5	87
	104	101	104	100	96	89	82	82	6	90
	106	103	106	102	98	91	84	84	7	92
	108	104	107	105	101	94	86	86	8	95
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	77	91	95	92	91	86	81	71	-1	84
	75	86	97	91	89	85	79	68	0	83
	79	84	91	87	86	84	80	70	1	80
	82	81	85	84	84	84	81	72	2	78
	85	83	87	87	86	83	79	72	3	79
	87	84	90	90	87	82	76	72	4	80
	89	88	95	95	91	85	79	73	5	84
	91	92	100	99	95	88	82	79	6	88
	99	98	104	102	98	91	84	81	7	91
	108	104	107	105	101	94	86	83	8	95

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 3650-A 6-1760

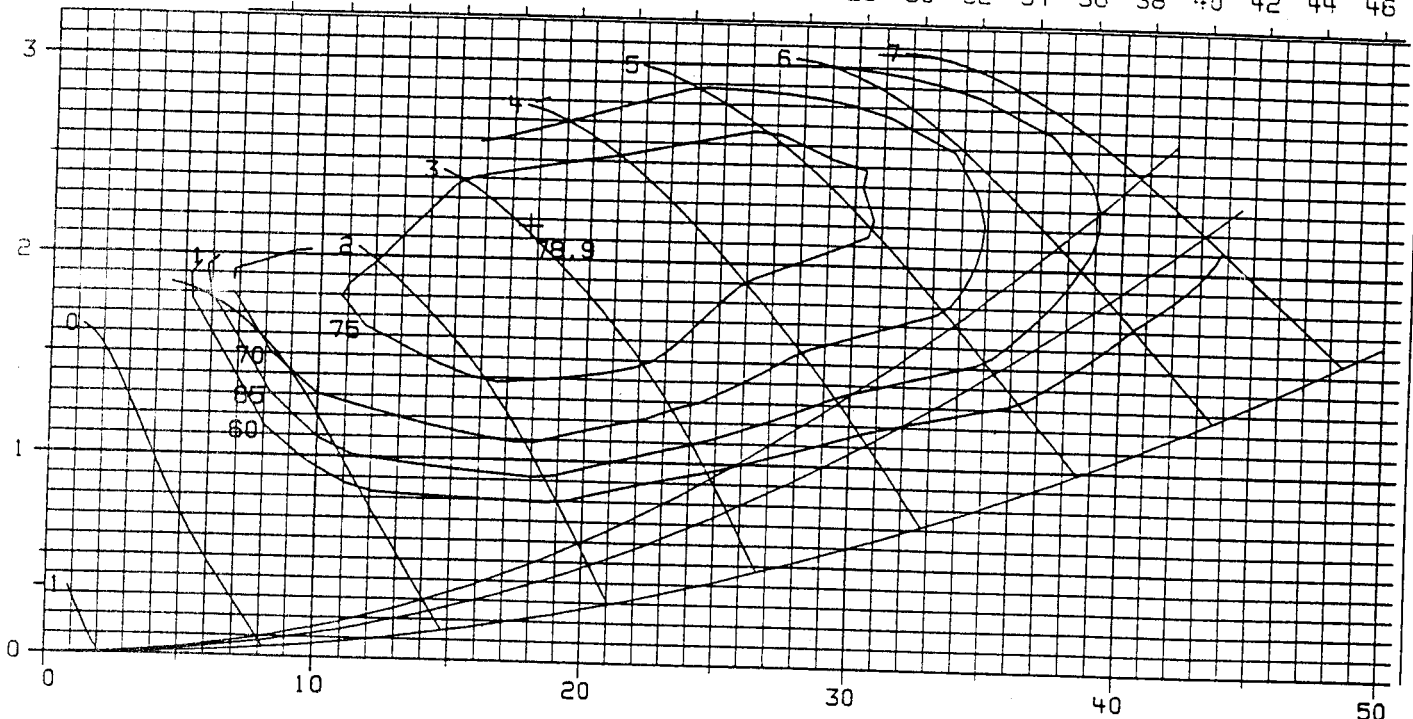
RPM 1760

MOTOR HP	MIN.	A/4 MAX.
	2	20

PAGE 111
EFFECTIVE: SEPTEMBER 2019

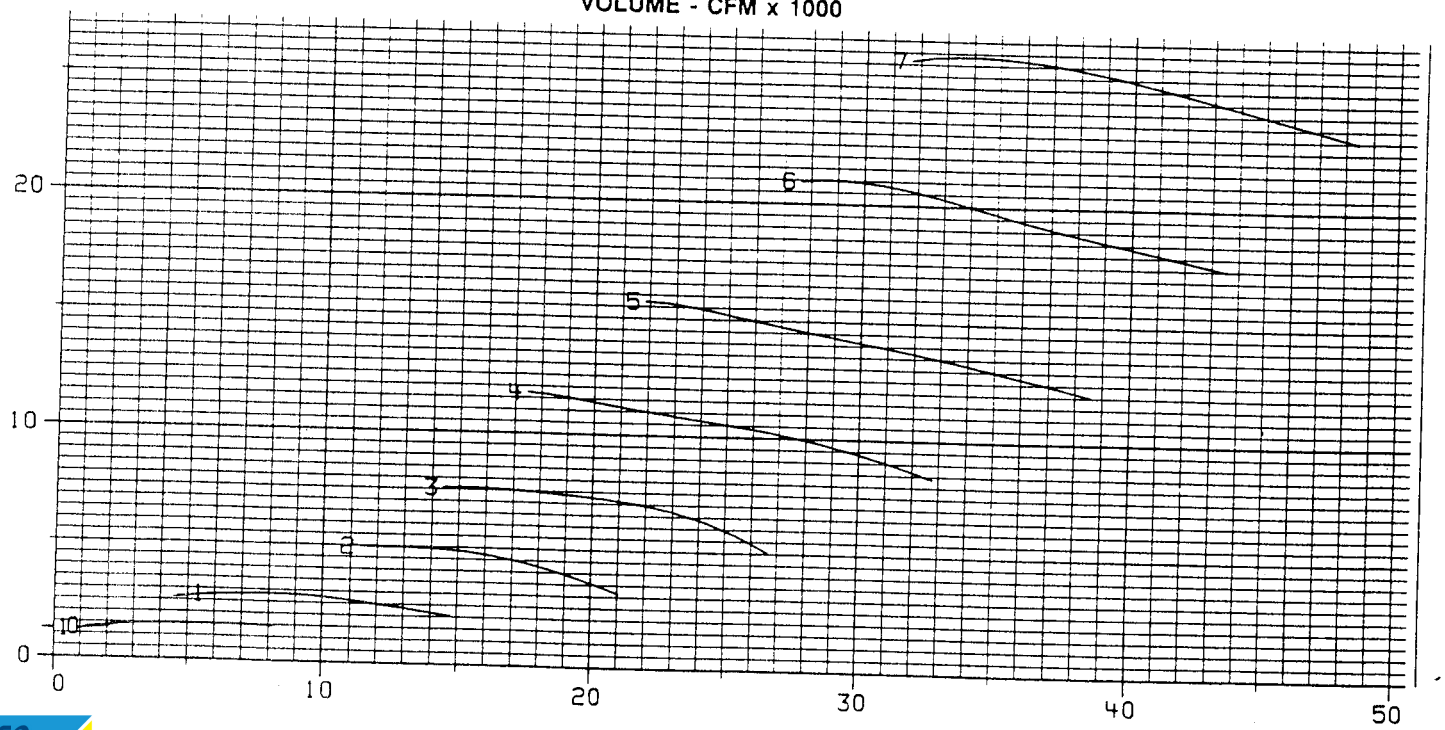
FAN OV, FPM/100 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68
CONE OV, FPM/100 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



VOLUME - CFM x 1000

HORSEPOWER



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 3650-A6-1760

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	85	96	105	103	102	98	93	87	-1	95
	84	93	100	99	97	95	91	86	0	90
	88	94	97	99	99	97	91	85	1	91
	93	95	93	98	101	99	91	84	2	93
	93	96	96	101	103	100	92	86	3	95
	94	97	98	104	105	101	94	88	4	96
	102	105	103	106	104	99	93	87	5	96
	111	112	109	108	103	98	91	86	6	98
114	115	111	111	108	102	95	89	7	101	
									8	
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	84	94	103	103	101	98	93	86	-1	94
	92	96	96	96	98	97	93	92	0	92
	92	95	94	97	99	98	92	88	1	92
	92	94	93	98	100	98	91	85	2	92
	93	95	95	100	101	99	92	86	3	93
	93	96	97	102	102	99	92	87	4	94
	102	105	104	107	105	100	94	88	5	97
	112	114	112	111	107	102	95	90	6	101
113	116	113	113	110	105	98	92	7	103	
									8	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	84	94	102	103	101	98	93	86	-1	94
	83	91	100	103	99	96	92	84	0	93
	86	92	96	98	96	95	92	85	1	90
	89	93	92	93	93	93	92	87	2	88
	92	95	94	96	96	94	90	85	3	89
	94	97	96	99	98	94	89	84	4	91
	96	99	100	104	102	98	92	87	5	95
	98	102	105	109	106	101	95	90	6	99
107	110	110	112	109	104	97	92	7	102	
									8	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

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VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT

4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

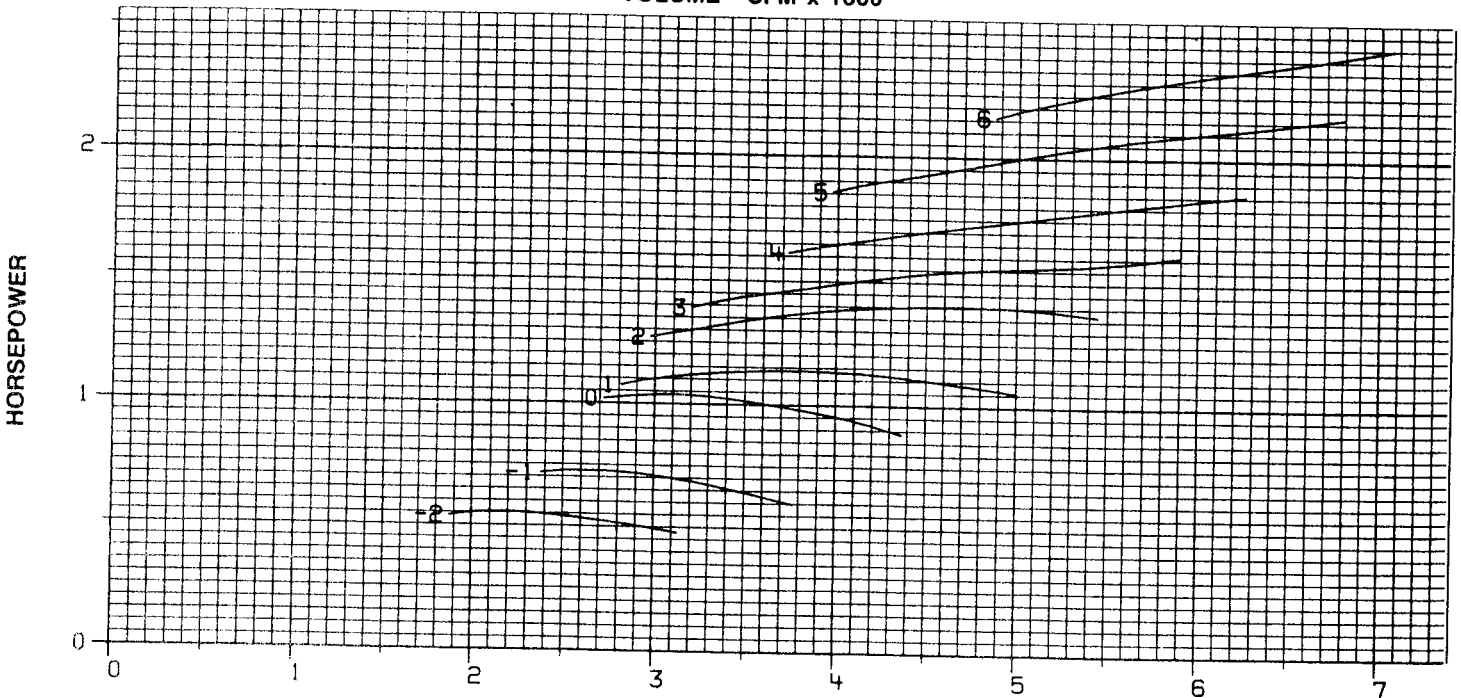
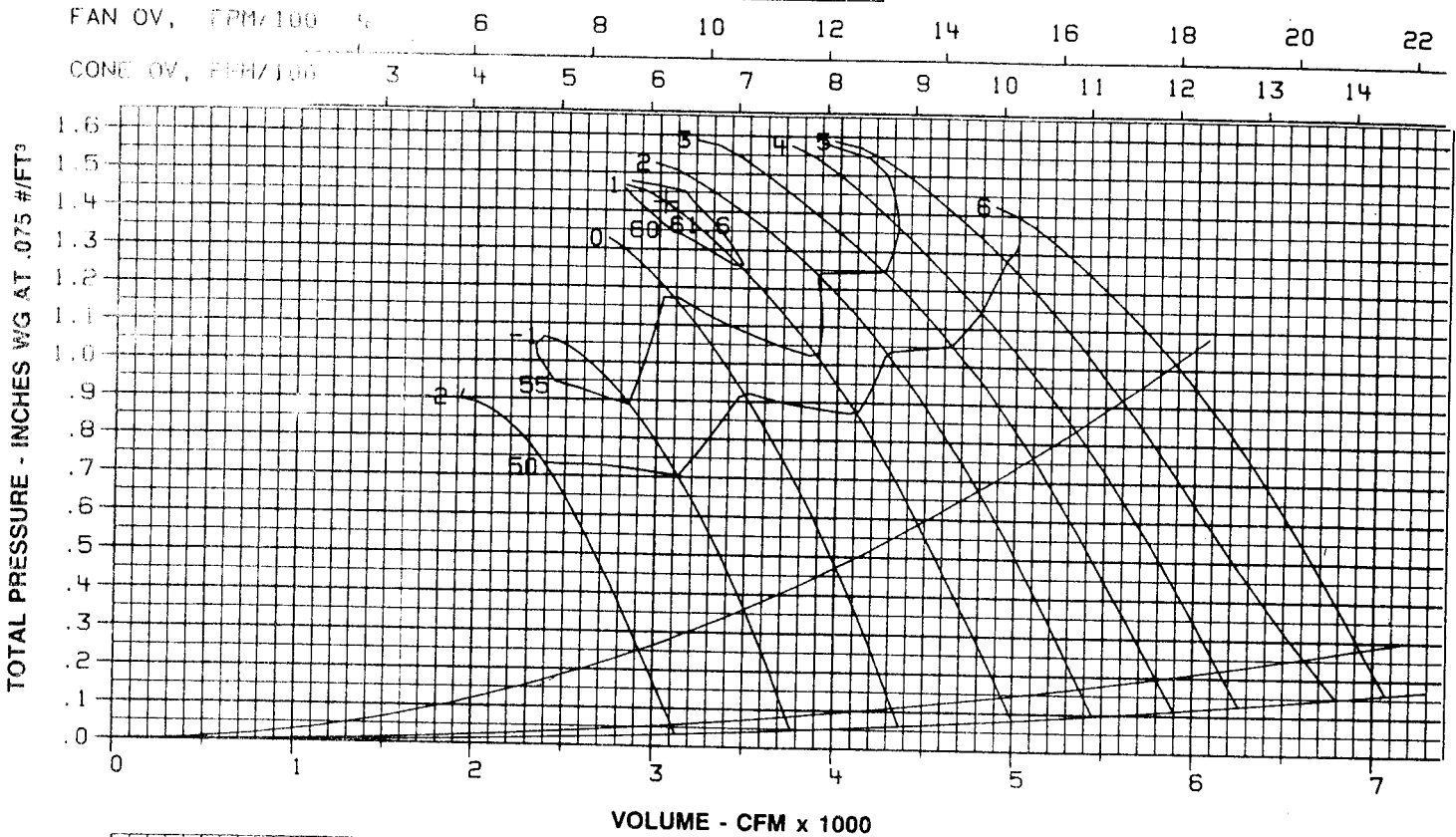
SIZE 2450-B 6-1160

RPM 1160

MOTOR HP	MIN.	A/4 MAX.
	2	50

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EFFECTIVE: SEPTEMBER 2019



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.

BULLETIN VAV-47

FAN MODEL: 2450-B6-1160

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
HIGH High point is read at peak of curve at maximum total pressure	83	85	87	84	78	70	64	59	-2	74
	84	83	85	83	77	71	64	60	-1	72
	84	81	83	81	77	71	65	60	0	71
	86	82	84	82	78	72	65	61	1	72
	86	83	84	83	79	72	66	61	2	73
	87	85	86	85	81	74	67	63	3	75
	88	86	88	88	83	75	68	64	4	77
	91	87	90	90	86	77	70	67	5	79
	93	88	92	92	88	79	71	69	6	82
									7	
									8	
MEDIUM Medium point is read at average TP/VP of low and high points	77	79	83	82	77	71	66	62	-2	71
	80	79	82	82	77	72	65	61	-1	71
	83	80	82	81	78	72	65	60	0	71
	85	81	83	82	78	72	66	61	1	72
	85	82	84	83	79	72	66	61	2	73
	85	82	85	85	81	74	67	62	3	74
	85	83	86	87	83	75	68	64	4	76
	86	83	89	89	85	77	70	67	5	78
	86	83	91	90	87	78	72	70	6	80
									7	
									8	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	74	76	82	82	79	74	68	64	-2	72
	79	78	80	82	78	73	67	62	-1	72
	82	81	80	81	79	73	66	60	0	71
	85	82	82	82	79	73	66	61	1	72
	86	83	83	84	79	73	66	61	2	73
	88	83	86	86	81	74	67	62	3	75
	89	83	89	87	82	75	68	63	4	77
	88	83	89	89	84	77	70	67	5	78
	86	83	89	90	87	79	72	70	6	80
									7	
									8	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct and correction.

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VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT

4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 2450-B 6-1760

RPM 1760

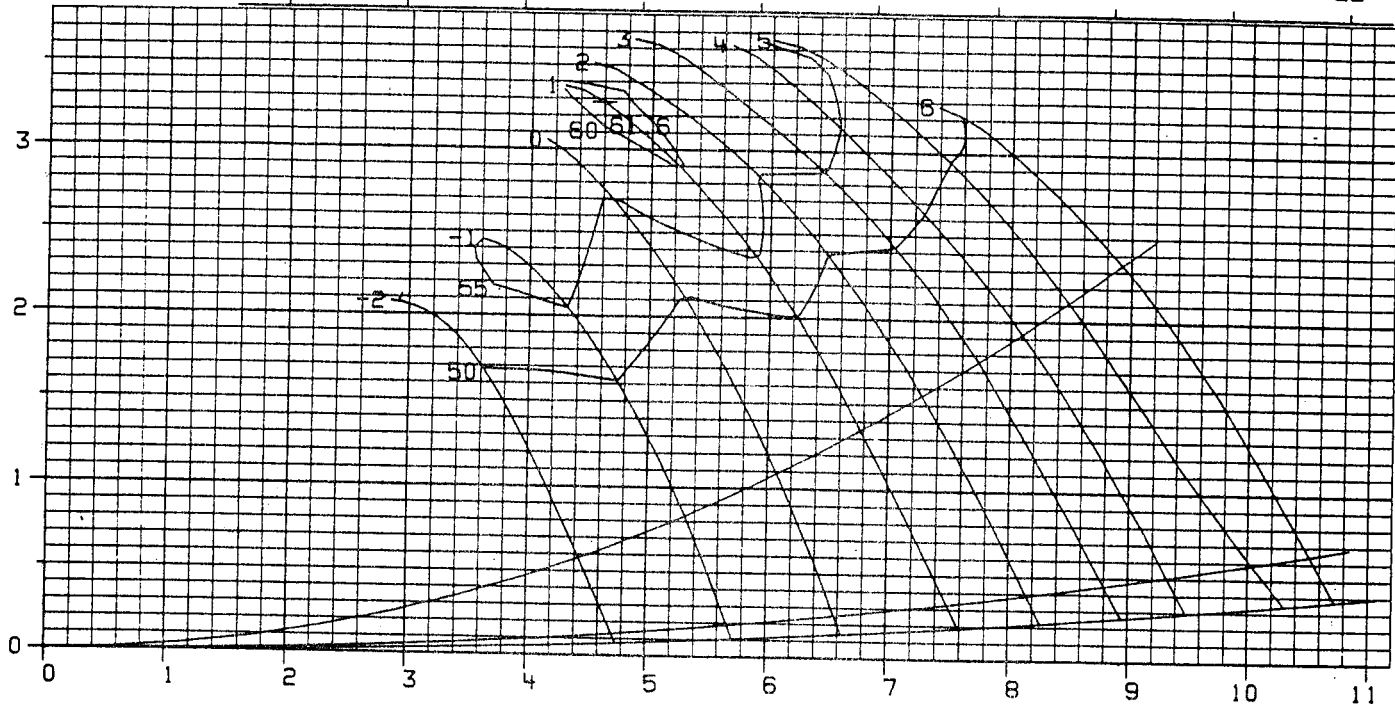
MOTOR HP	MIN.	A/4 MAX.
	5	75

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EFFECTIVE: SEPTEMBER 2019

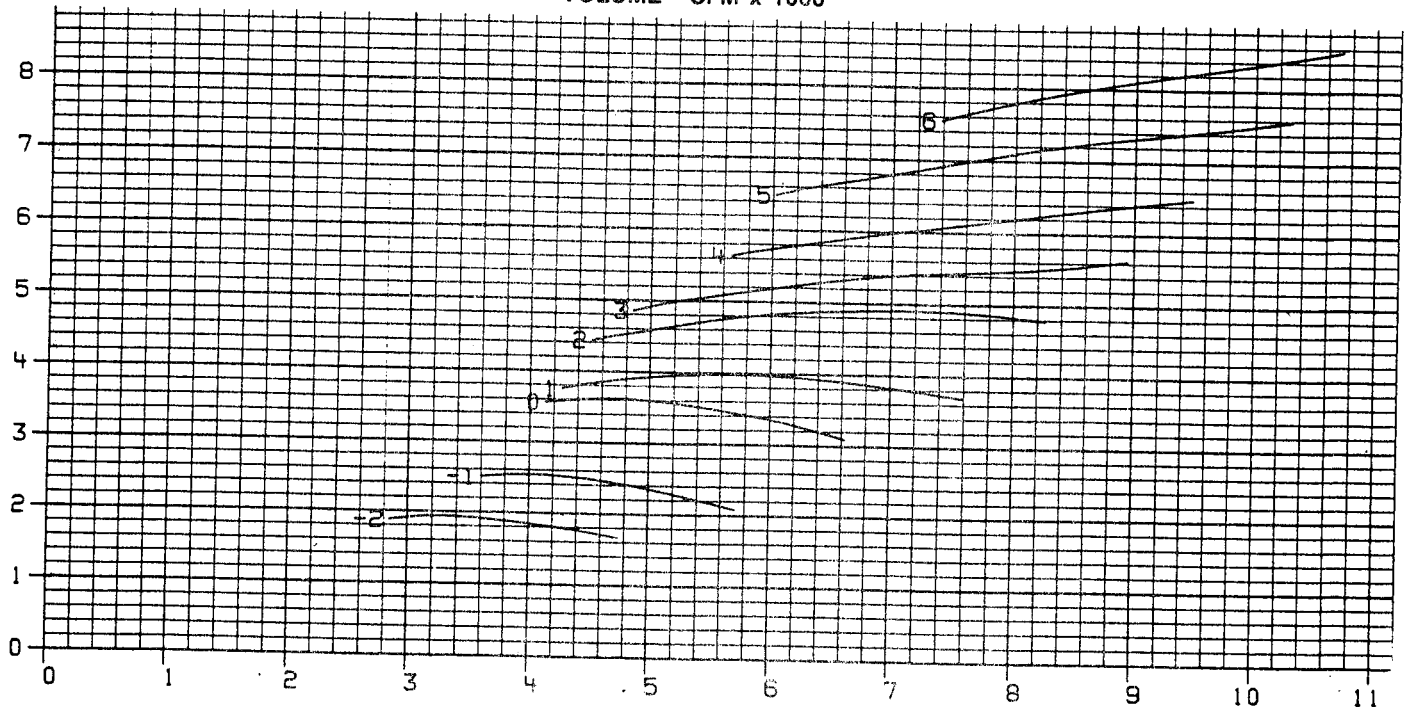
FAN OV, FPM/100 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34
 CONE OV, FPM/100 4 6 8 10 12 14 16 18 20 22

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



VOLUME - CFM x 1000

HORSEPOWER



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 2450-B6-1760

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	95	94	97	97	90	84	76	71	-2	85
	94	94	94	94	90	84	77	71	-1	84
	93	94	92	92	88	84	78	72	0	82
	93	96	93	93	89	84	78	72	1	83
	93	96	94	94	90	85	78	73	2	84
	94	98	95	95	93	87	80	74	3	86
	96	99	97	97	95	89	82	76	4	88
	98	101	98	100	97	92	83	78	5	90
	101	103	100	102	100	94	85	80	6	92
										7
									8	
MEDIUM Medium point is read at average TP/VP of low and high points	89	88	90	94	89	85	77	73	-2	83
	90	90	91	92	89	84	78	72	-1	82
	92	93	91	92	89	84	78	72	0	82
	92	95	92	92	89	85	78	73	1	83
	93	96	93	93	90	85	79	73	2	84
	93	96	93	94	92	87	80	74	3	85
	93	96	94	96	94	89	81	75	4	87
	93	96	95	98	96	91	83	78	5	89
	93	96	96	101	98	93	85	80	6	90
										7
									8	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	87	84	88	93	90	87	80	75	-2	83
	89	89	89	91	90	86	79	74	-1	82
	91	93	91	90	89	85	79	73	0	82
	92	95	92	92	90	86	79	73	1	83
	93	97	94	93	91	86	79	74	2	84
	95	98	95	96	93	87	80	74	3	86
	96	98	96	98	94	88	81	75	4	88
	95	98	96	99	96	91	83	78	5	89
	94	97	96	99	98	93	85	80	6	90
										7
									8	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

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VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT

4

CHICAGO BLOWER CORPORATION

1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

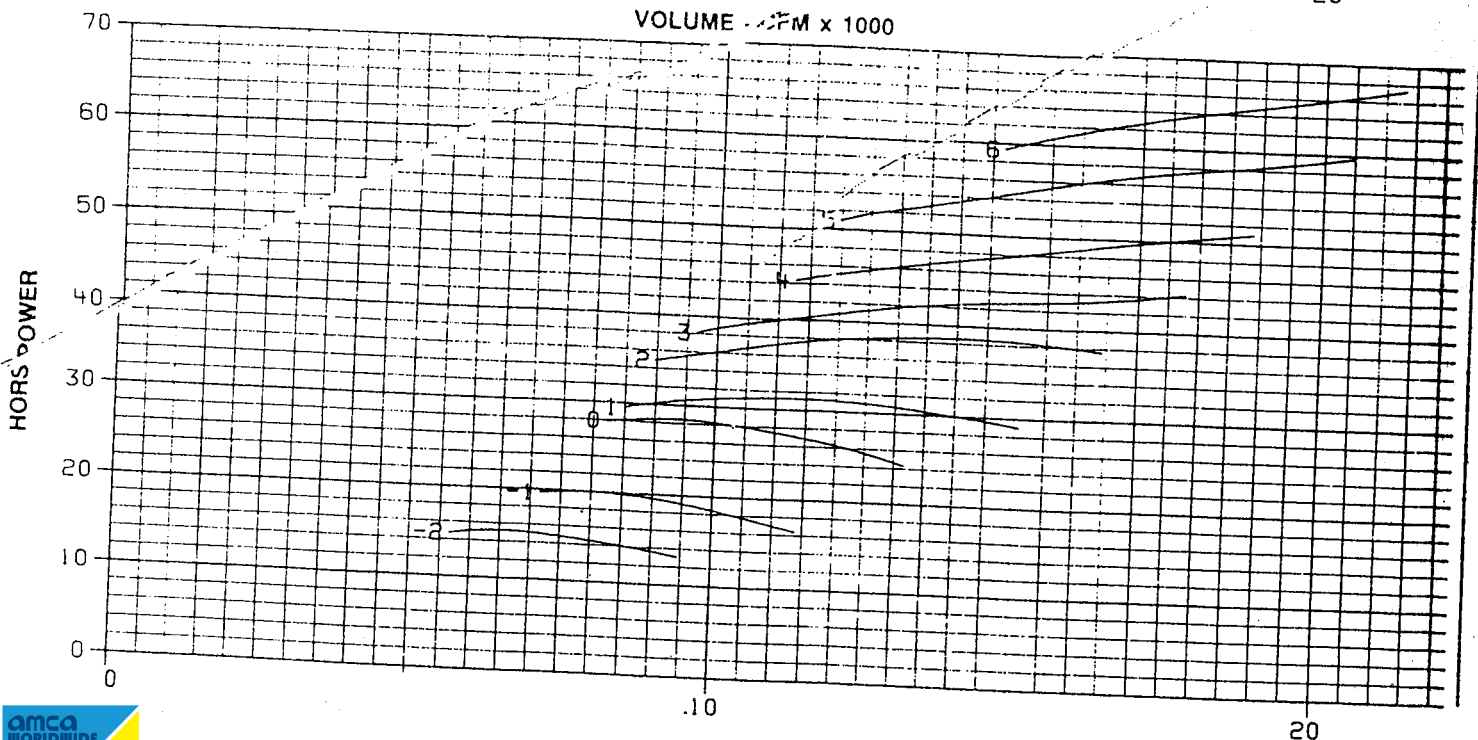
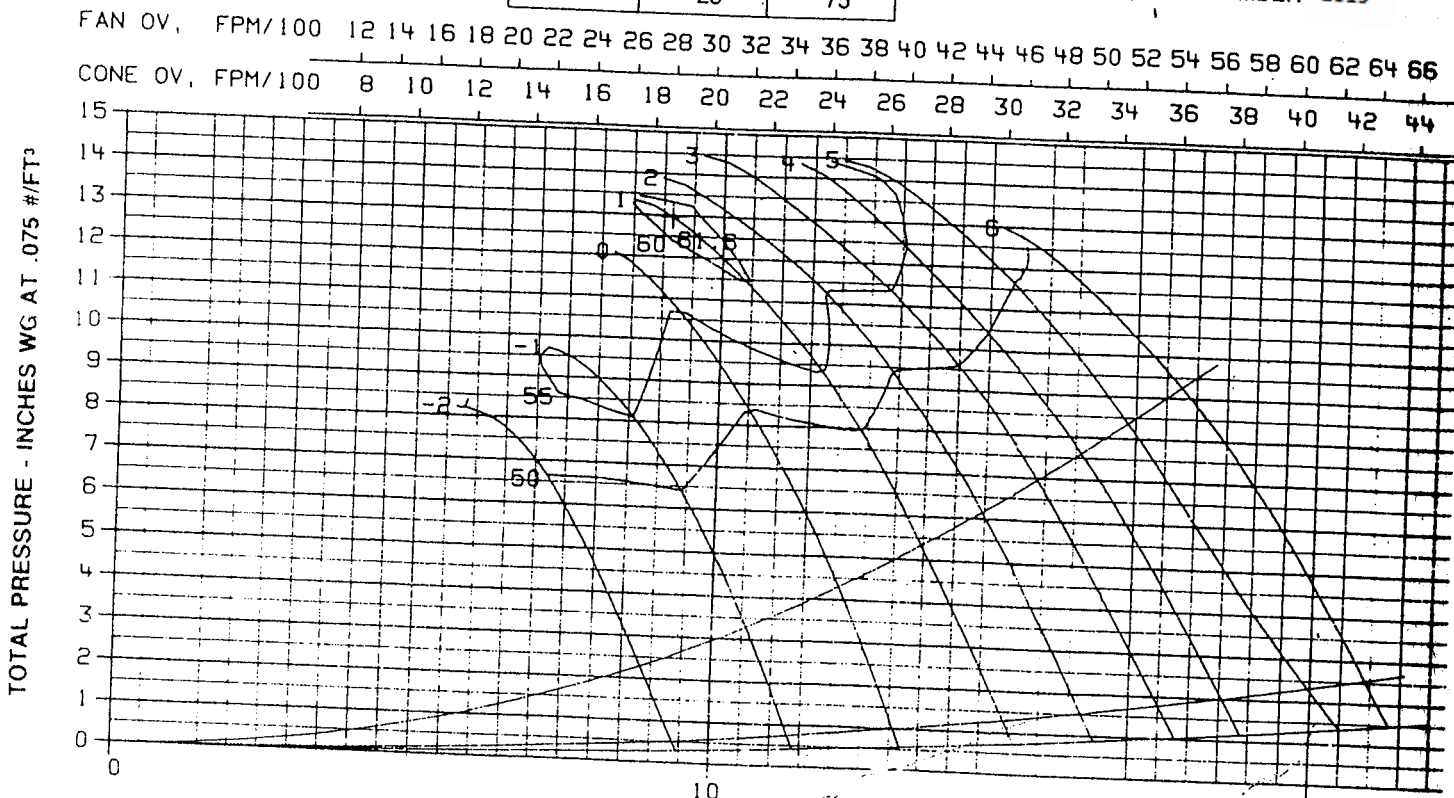
SIZE 2450-B 6-3500

RPM 3500

MOTOR	MIN.	A/4 MAX.
HP	25	75

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EFFECTIVE: SEPTEMBER 2019



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 2450-B6-3500

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	107	114	111	113	111	105	99	91	-2	104
	106	103	111	110	109	105	99	92	-1	102
	105	100	111	108	107	103	98	93	0	100
	105	101	113	109	108	104	99	93	1	101
	105	102	113	110	109	105	100	93	2	102
	106	104	115	111	110	108	102	95	3	104
	107	105	116	113	112	110	104	96	4	105
	110	106	118	114	114	112	106	98	5	108
	113	107	120	116	117	115	109	100	6	110
									7	
									8	
MEDIUM Medium point is read at average TP/VP of low and high points	101	107	105	106	109	104	100	92	-2	100
	102	99	107	107	107	104	99	93	-1	99
	103	99	110	107	106	103	99	93	0	100
	104	100	112	108	107	104	100	93	1	100
	105	101	112	109	108	105	100	94	2	101
	105	101	113	109	109	107	102	95	3	103
	105	102	113	110	111	109	104	96	4	104
	105	102	113	111	113	111	105	98	5	106
	105	102	113	112	115	113	107	100	6	107
									7	
									8	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	99	106	101	104	108	105	102	95	-2	100
	101	98	106	104	106	104	101	94	-1	99
	102	100	110	107	105	104	100	94	0	99
	104	101	112	108	106	105	101	94	1	101
	105	102	113	109	108	106	101	94	2	102
	107	102	114	111	111	108	102	95	3	104
	108	102	115	112	113	109	103	96	4	105
	107	102	114	112	114	111	105	98	5	106
	105	102	114	112	114	113	108	100	6	107
									7	
									8	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

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VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT

4

CHICAGO BLOWER CORPORATION

1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

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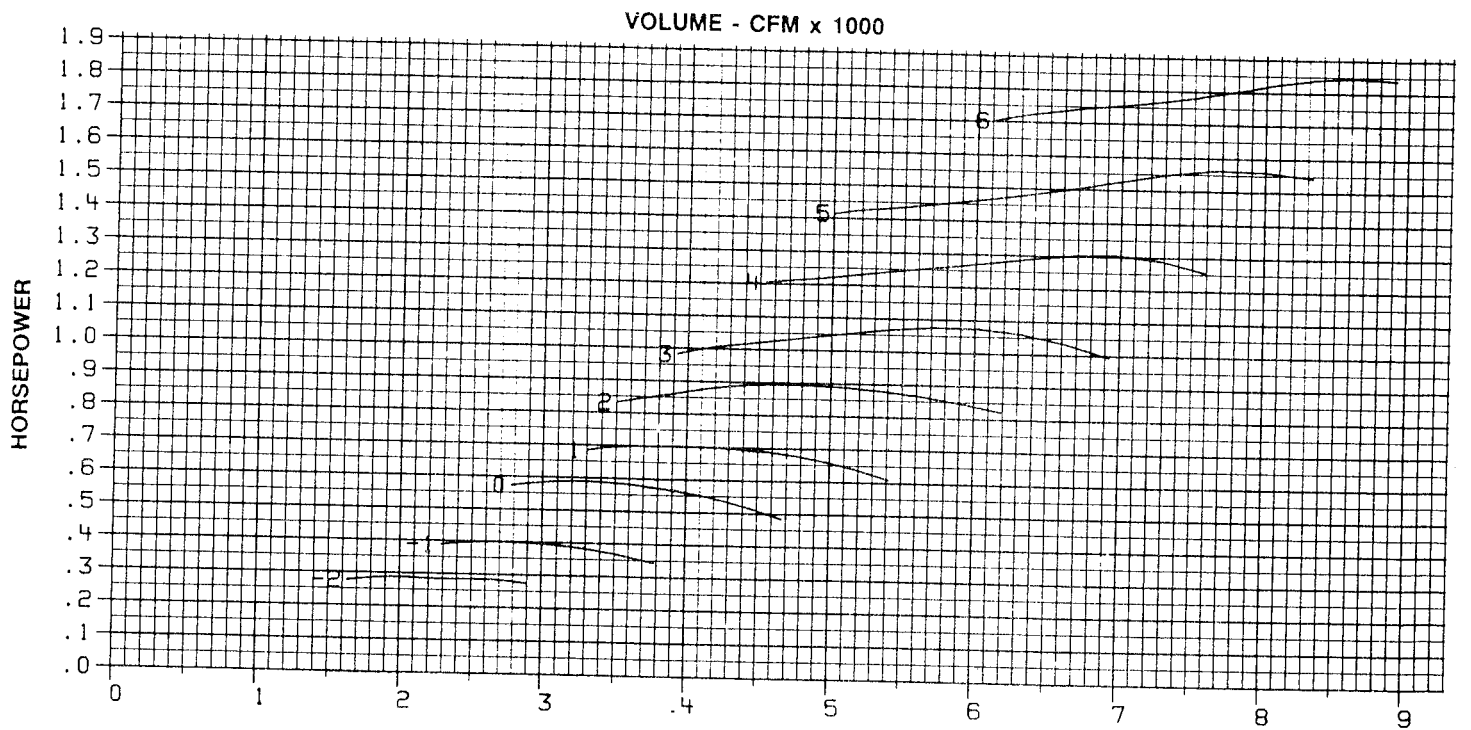
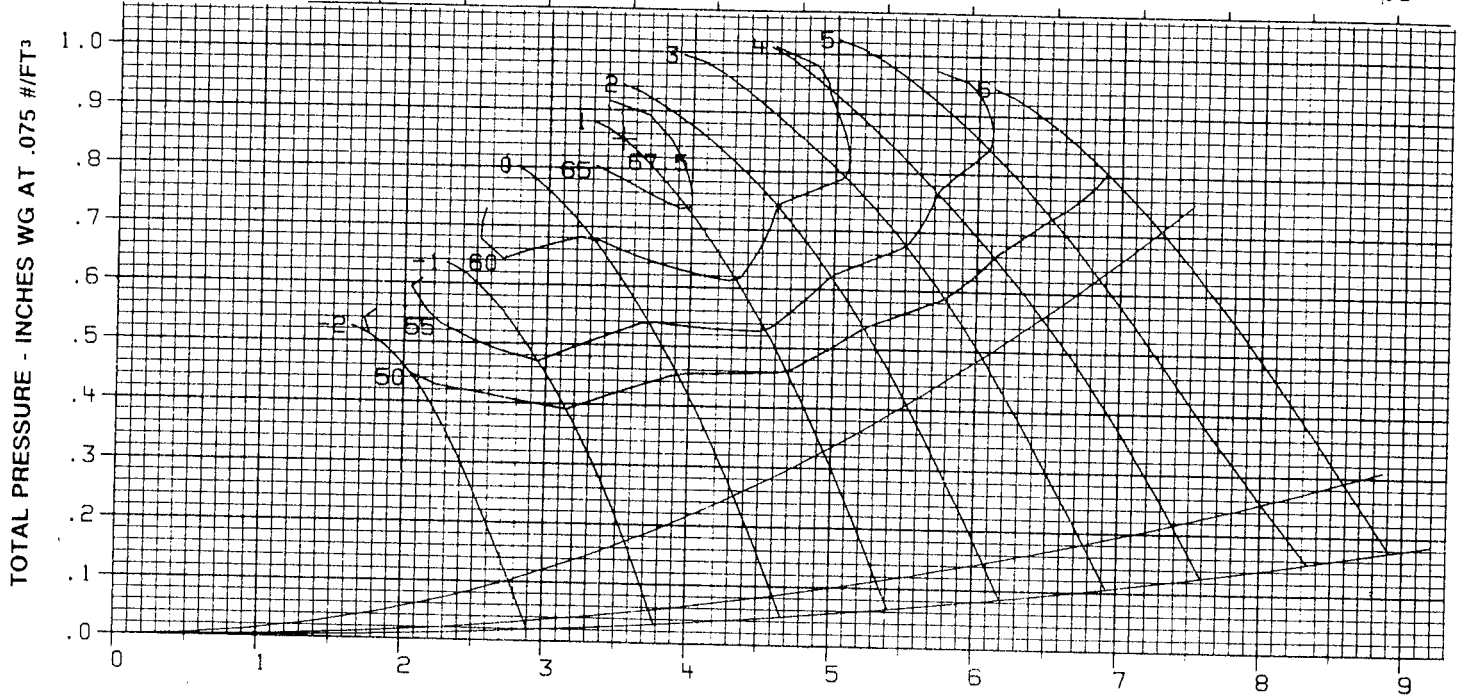
EFFECTIVE: SEPTEMBER 2019

SIZE 2700-B 6- 890

RPM 890

MOTOR HP	MIN.	A/4 MAX.
	2	40

FAN OV, FPM/100 4 6 8 10 12 14 16 18 20 22
 CONE OV, FPM/100 3 4 5 6 7 8 9 10 11 12 13 14 15



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 2700-B6-890

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	80	81	82	78	72	64	59	53	-2	68
	78	80	80	78	72	66	59	54	-1	68
	77	77	79	77	72	66	60	55	0	67
	79	78	80	78	73	67	61	56	1	68
	80	80	81	79	74	68	62	57	2	69
	81	81	82	80	75	69	63	59	3	70
	82	82	83	82	77	70	65	61	4	71
	84	84	86	84	79	72	66	63	5	74
	86	86	88	87	81	73	68	65	6	76
										7
									8	
MEDIUM Medium point is read at average TP/VP of low and high points	75	76	86	77	73	65	60	55	-2	67
	75	77	78	77	73	66	60	55	-1	67
	75	76	78	77	73	67	60	54	0	67
	77	77	79	77	73	67	61	55	1	67
	79	78	79	78	73	67	61	56	2	68
	79	79	81	80	75	69	63	58	3	69
	79	80	82	81	76	70	64	60	4	71
	80	81	85	83	78	72	66	63	5	73
	80	82	87	86	80	73	68	66	6	75
										7
									8	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	70	75	80	78	75	68	62	57	-2	68
	73	74	77	77	74	68	62	56	-1	67
	75	75	76	76	73	68	61	55	0	67
	78	77	77	77	73	68	61	55	1	67
	79	79	79	78	74	68	61	56	2	68
	81	80	81	80	75	69	63	58	3	69
	82	81	84	81	76	70	64	59	4	71
	81	81	84	83	78	72	66	62	5	73
	80	81	85	85	80	73	68	67	6	74
										7
									8	

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VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



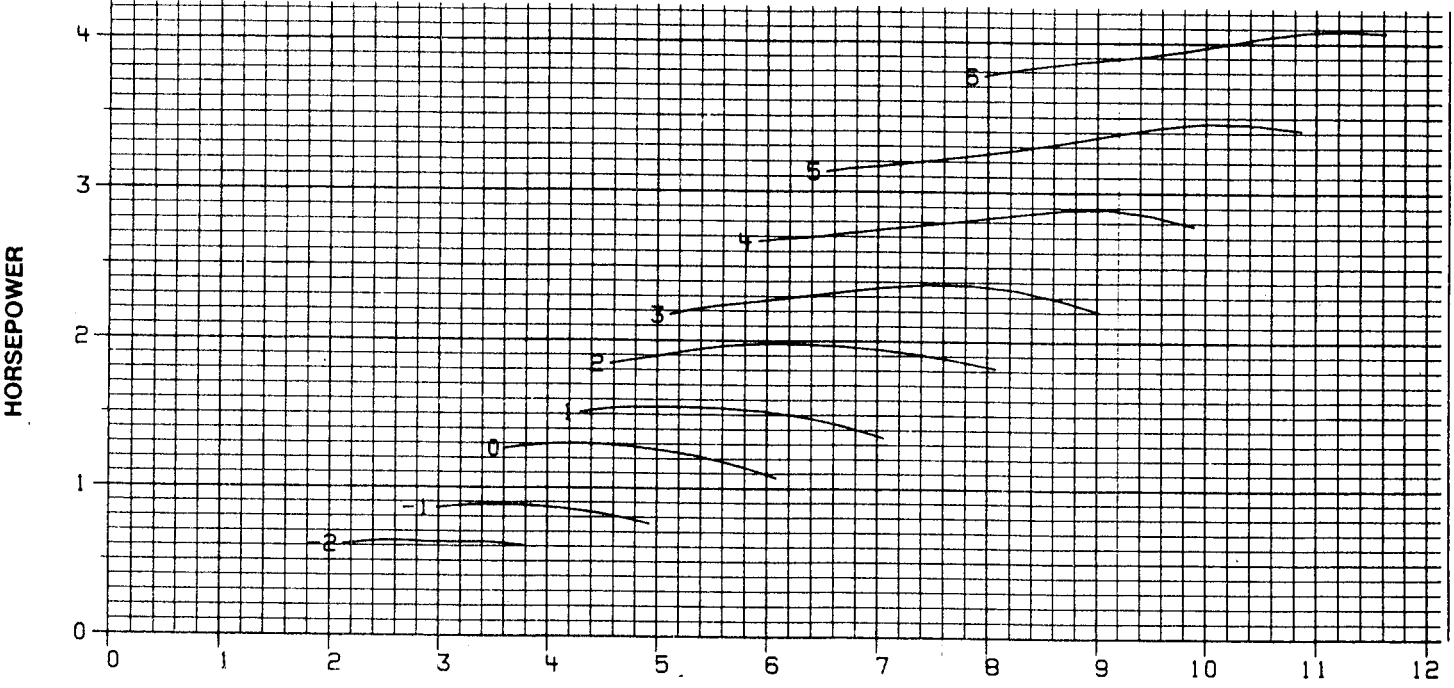
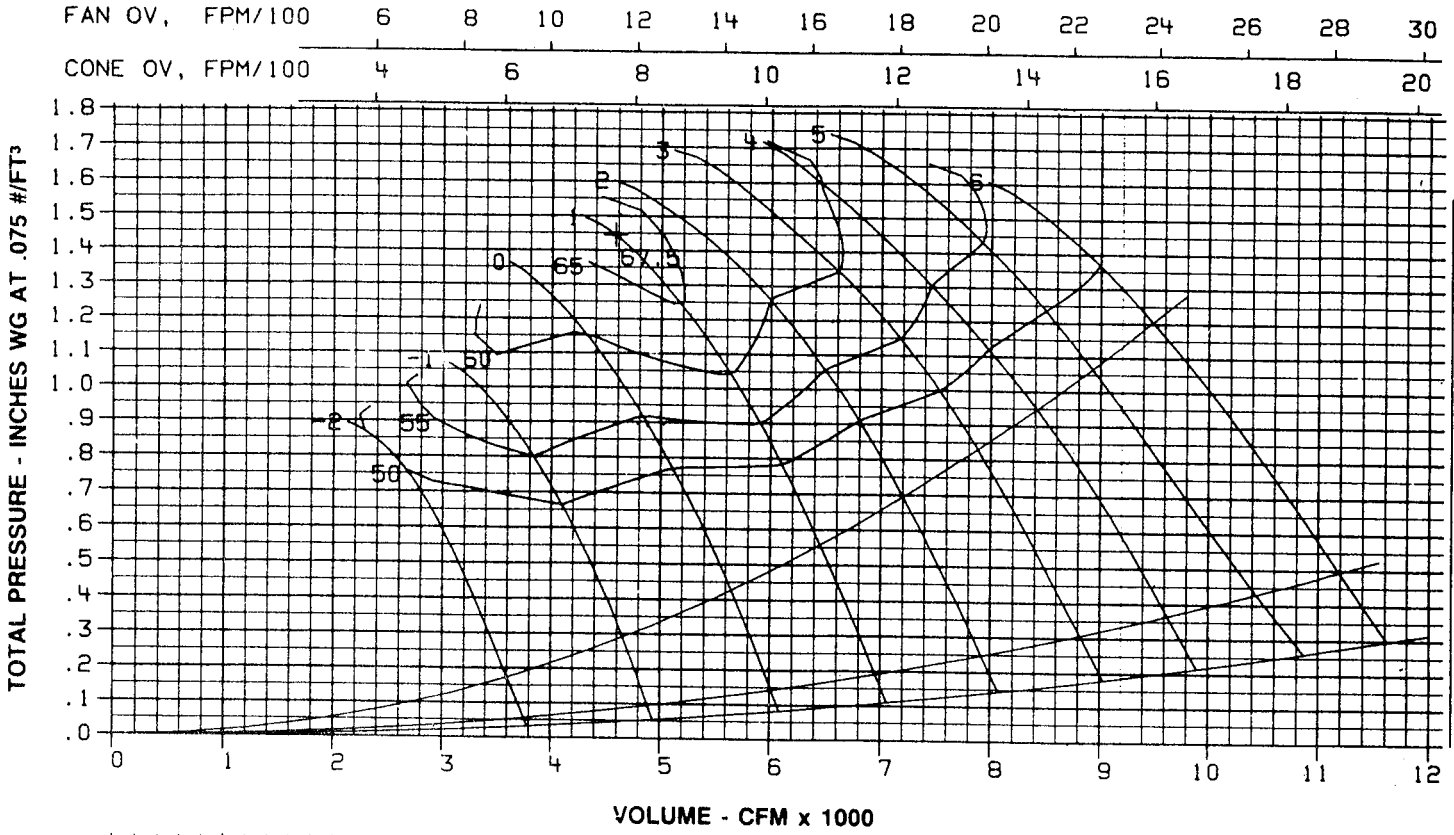
SIZE 2700-B 6-1160

RPM 1160

1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600
PAGE 116

MOTOR HP	MIN.	A/4 MAX.
		2

EFFECTIVE: SEPTEMBER 2019



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 2700-B6-1160

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
HIGH High point is read at peak of curve at maximum total pressure	86	88	88	86	80	73	67	61	-2	76
	85	86	87	86	80	74	67	62	-1	75
	85	83	85	85	80	75	68	63	0	74
	87	84	86	86	81	75	69	64	1	75
	88	85	87	86	82	76	69	65	2	76
	89	86	88	88	84	77	71	66	3	77
	90	87	89	89	85	79	72	68	4	79
	93	89	93	92	88	80	73	70	5	81
	95	91	95	94	90	82	74	72	6	84
									7	
									8	
MEDIUM Medium point is read at average TP/VP of low and high points	81	83	85	84	80	74	68	63	-2	74
	82	83	84	84	80	75	68	63	-1	74
	84	81	84	84	81	75	68	62	0	74
	86	83	85	85	81	75	69	63	1	75
	87	84	86	85	81	75	69	64	2	75
	88	84	87	87	83	77	70	66	3	77
	88	85	88	89	85	78	72	67	4	78
	88	85	91	91	87	80	73	70	5	80
	89	86	93	93	89	81	75	72	6	82
									7	
									8	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	78	80	84	85	82	76	70	65	-2	75
	80	80	82	84	81	76	70	64	-1	74
	83	82	81	83	81	76	70	63	0	74
	86	84	83	84	81	76	69	63	1	74
	88	85	85	85	81	76	69	64	2	75
	89	86	88	87	83	77	71	65	3	77
	91	86	90	88	84	78	72	67	4	78
	90	86	91	90	86	80	73	70	5	80
	88	86	91	92	89	81	75	72	6	82
									7	
									8	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

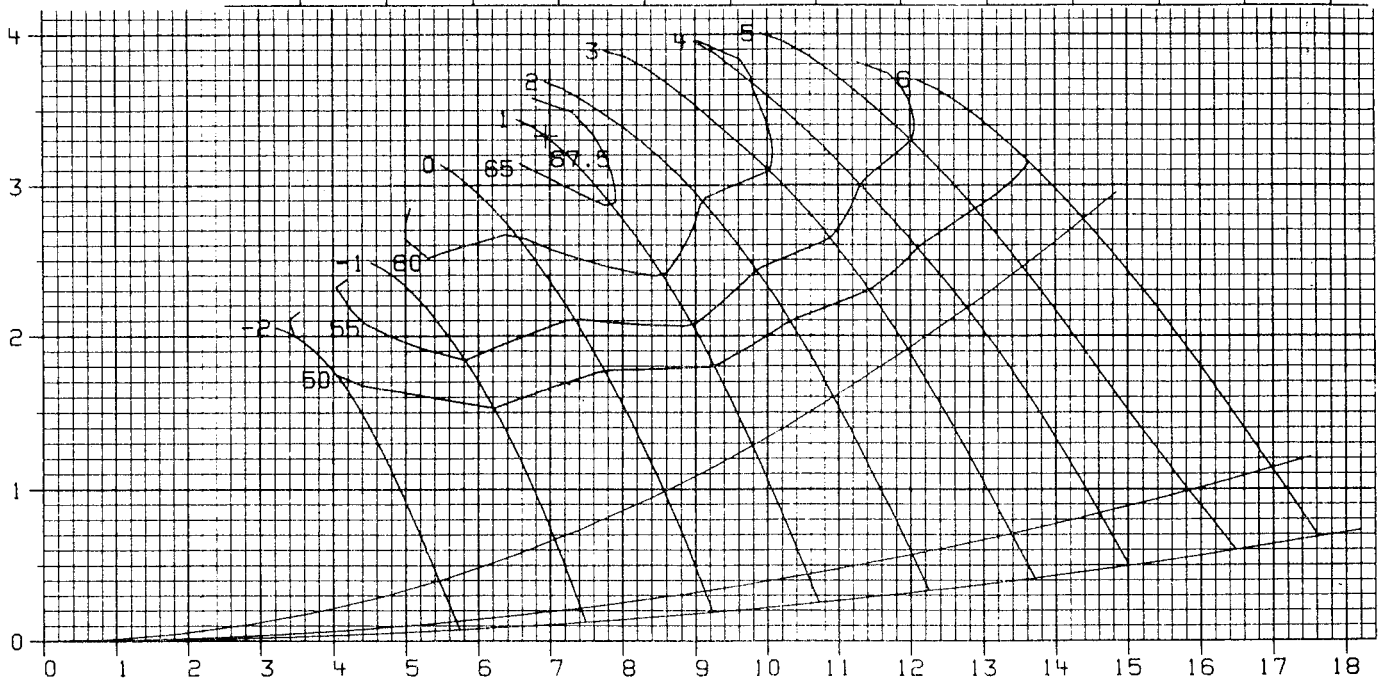
SIZE 2700-B 6-1760 RPM 1760

MOTOR HP	MIN.	A/4 MAX.
		5

PAGE 117
EFFECTIVE: SEPTEMBER 2019

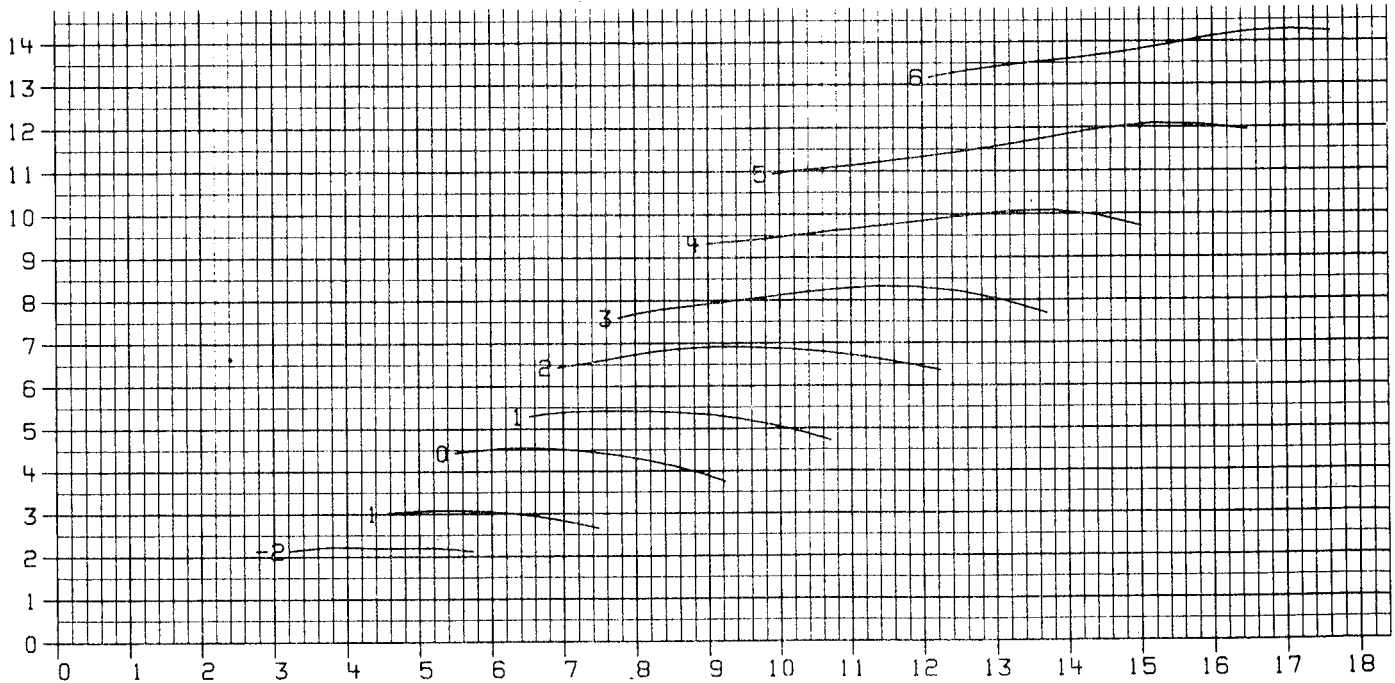
FAN OV, FPM/100 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46
CONE OV, FPM/100 6 8 10 12 14 16 18 20 22 24 26 28 30

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



VOLUME - CFM x 1000

HORSEPOWER



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.

BULLETIN VAV-47

FAN MODEL: 2700-B6-1760

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	95	99	98	98	93	87	79	73	-2	87
	94	97	96	96	92	87	80	74	-1	86
	93	96	94	95	92	87	81	75	0	85
	94	97	95	96	93	88	82	76	1	86
	95	99	96	97	94	89	82	76	2	87
	96	100	97	98	95	90	84	78	3	88
	97	101	99	99	97	92	85	79	4	90
	100	103	101	101	99	94	86	81	5	92
	103	105	103	104	102	96	88	82	6	94
									7	
								8		
MEDIUM Medium point is read at average TP/VP of low and high points	90	94	93	95	92	87	80	75	-2	85
	91	93	93	94	92	87	81	75	-1	85
	92	94	93	94	92	88	82	75	0	85
	93	96	94	95	92	88	82	75	1	85
	95	98	95	95	93	88	82	76	2	86
	95	98	96	97	94	90	83	77	3	87
	95	98	96	98	96	91	85	79	4	89
	95	99	98	100	98	93	86	81	5	91
	96	99	99	103	100	95	88	83	6	93
									7	
								8		
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	89	89	92	95	92	89	82	77	-2	83
	90	91	91	93	92	89	83	76	-1	85
	91	94	92	92	91	88	83	76	0	84
	93	96	94	93	92	88	83	76	1	85
	95	96	96	95	93	88	82	76	2	86
	96	99	97	97	94	90	84	78	3	88
	98	101	98	99	96	91	85	79	4	89
	97	100	98	100	98	93	86	81	5	91
	96	99	98	101	100	95	88	83	6	92
									7	
								8		

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



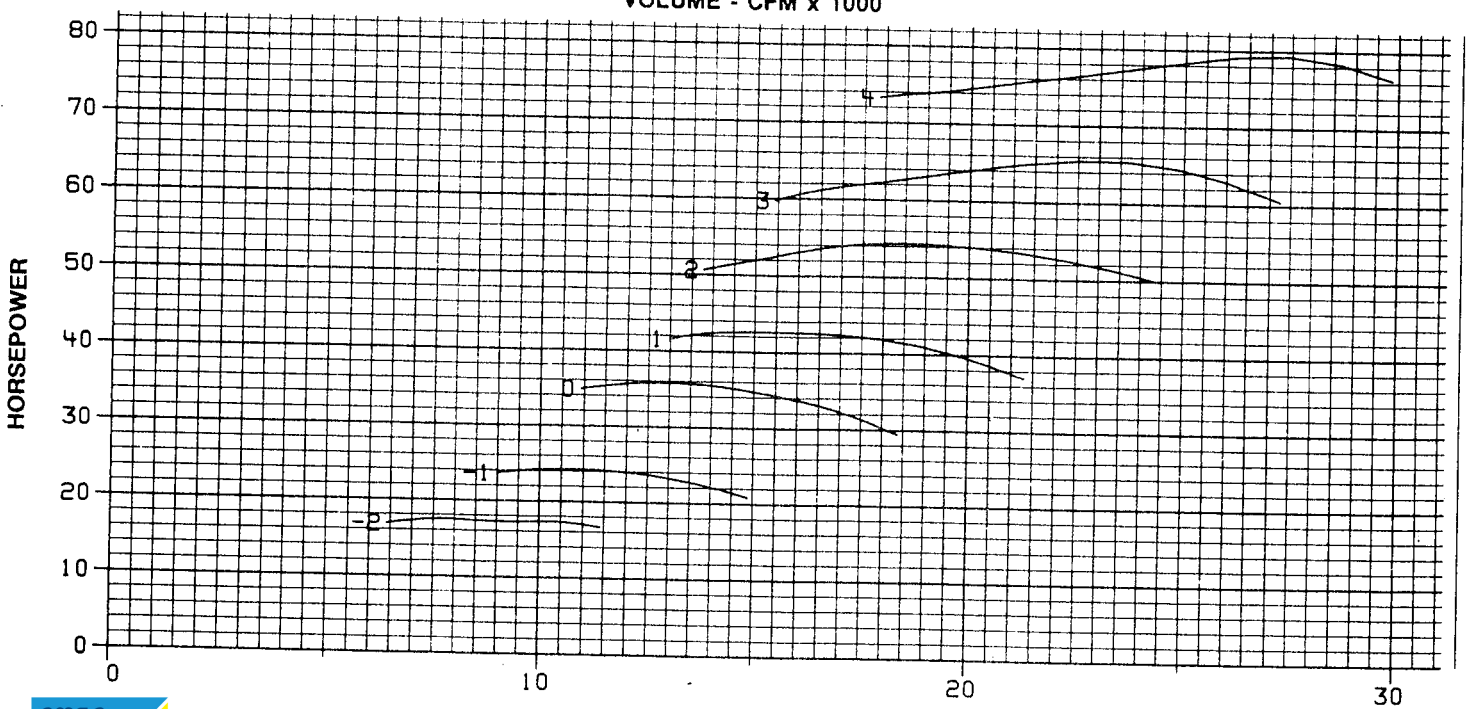
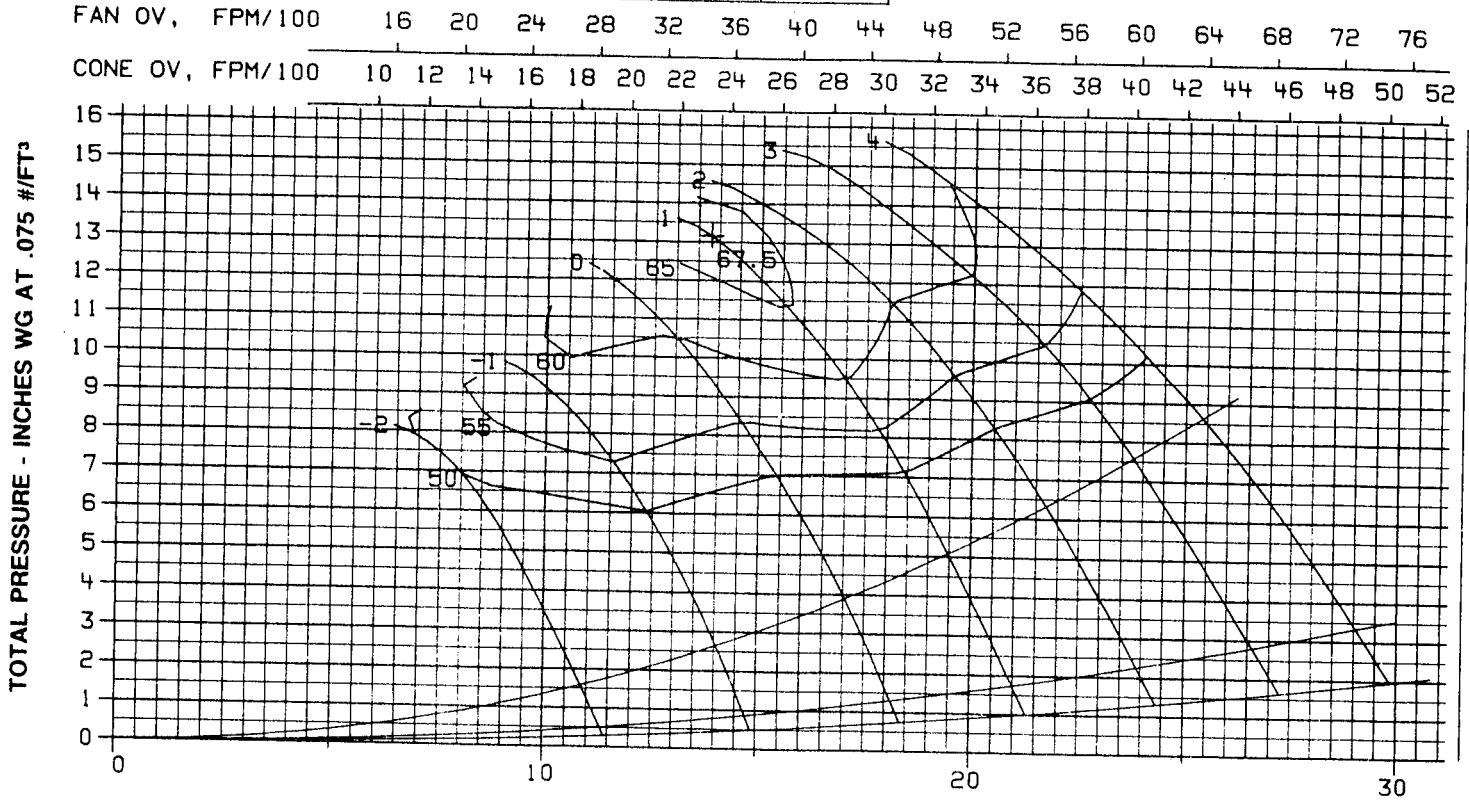
1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 2700-B 6-3500

RPM 3500

MOTOR HP	MIN.	A/4 MAX.
	25	75

PAGE 118
EFFECTIVE: SEPTEMBER 2019



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 2700-B6-3500

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	107	110	116	114	113	108	102	94	-2	105
	106	106	113	112	111	107	102	95	-1	104
	105	102	112	110	109	107	102	96	0	103
	106	103	114	111	111	108	103	96	1	104
	107	104	115	112	112	109	104	97	2	105
	108	105	116	113	113	110	105	98	3	106
	109	106	117	114	114	111	107	100	4	107
									5	
									6	
								7		
								8		
MEDIUM Medium point is read at average TP/VP of low and high points	102	105	110	109	110	106	102	95	-2	102
	103	103	110	109	109	107	102	96	-1	102
	104	100	111	109	109	107	102	96	0	102
	105	102	113	110	109	107	103	97	1	103
	107	103	114	111	110	107	103	97	2	104
	107	104	115	112	112	109	104	98	3	105
	107	104	115	112	113	111	106	100	4	106
									5	
									6	
								7		
								8		
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	101	100	106	108	110	107	104	97	-2	103
	102	100	108	107	108	107	103	98	-1	102
	103	101	111	108	107	106	103	98	0	101
	105	103	113	110	108	107	103	97	1	102
	107	108	115	111	110	108	103	97	2	104
	108	108	116	113	112	109	104	98	3	105
	110	108	117	114	114	111	106	100	4	107
									5	
									6	
								7		
								8		

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



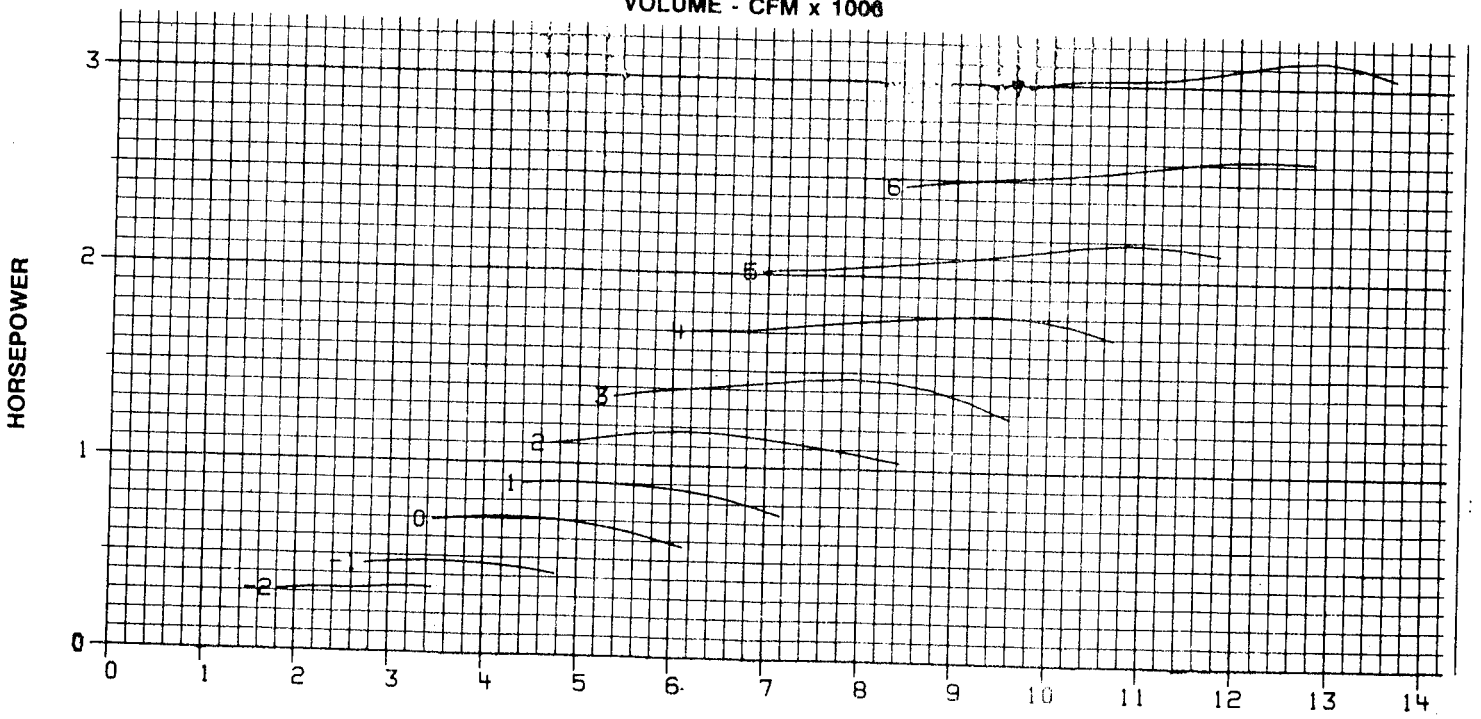
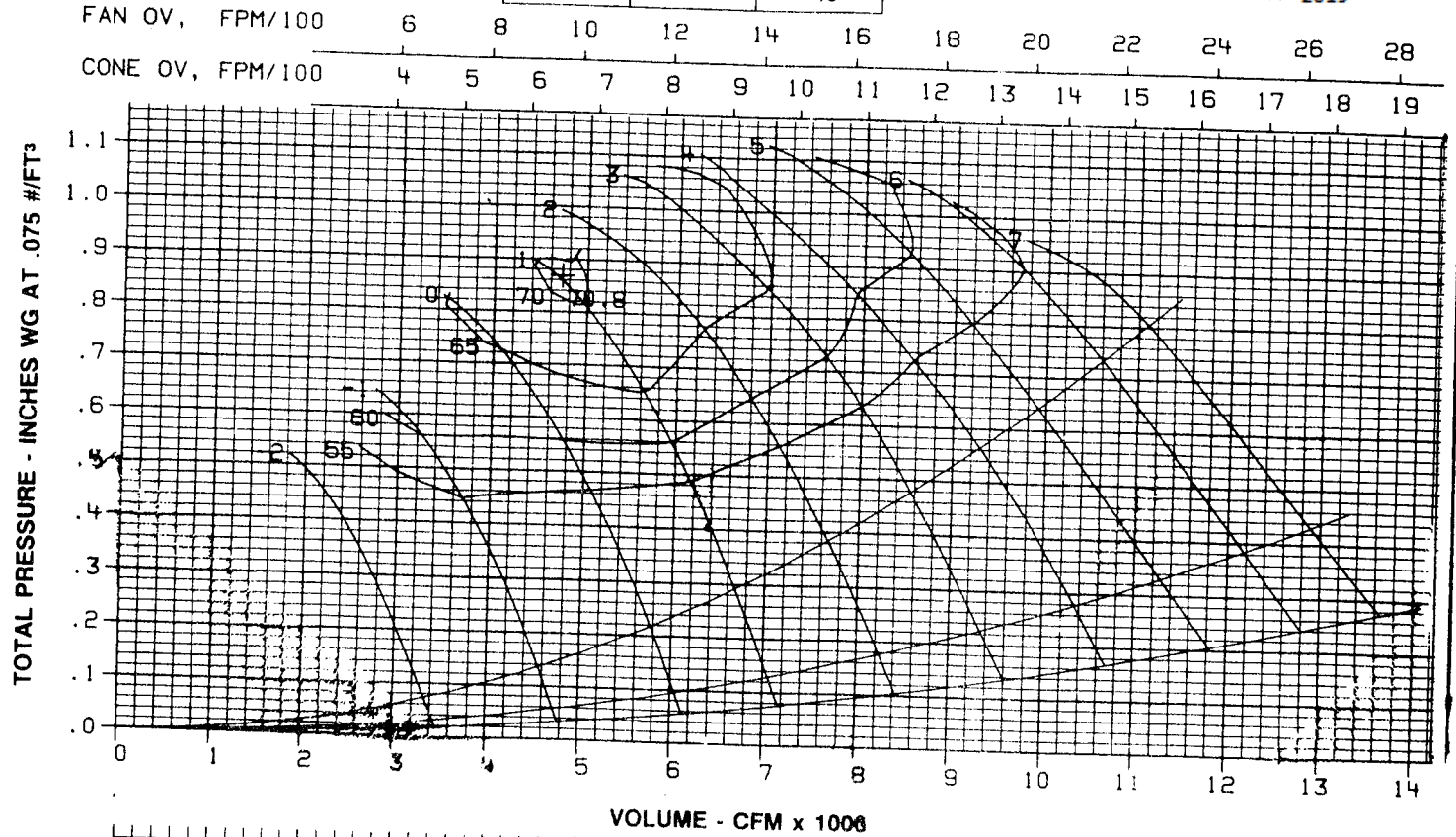
1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 3000-B 6- 890

RPM 890

MOTOR HP	MIN.	A/4 MAX.
	1	40

EFFECTIVE: SEPTEMBER 2019



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.



1675 GLEN ELLYN ROAD
 GLENDALE HEIGHTS, ILLINOIS 60139
 Phone 708-858-2600

EFFECTIVE: SEPTEMBER 2019

PAGE 119S

FAN MODEL: 3000-B6-890

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	85	85	83	81	75	68	62	56	-2	71
	81	88	83	81	76	69	62	56	-1	70
	79	80	82	81	76	70	63	57	0	70
	81	82	83	82	77	71	64	59	1	71
	83	84	84	83	78	72	65	61	2	72
	84	85	85	83	79	73	67	63	3	73
	85	85	85	84	80	74	69	65	4	74
	87	87	88	86	82	75	70	67	5	76
	90	90	91	89	84	76	71	68	6	78
	92	91	93	91	86	78	72	70	7	81
									8	
MEDIUM Medium point is read at average TP/VP of low and high points	81	81	82	80	76	69	63	57	-2	70
	79	81	81	80	76	70	63	57	-1	70
	79	79	81	81	76	70	64	57	0	70
	80	80	81	80	76	70	64	58	1	70
	82	82	82	80	76	70	64	59	2	70
	82	82	83	82	78	72	66	62	3	72
	83	83	84	84	79	74	68	64	4	73
	84	84	87	86	81	75	70	67	5	75
	85	86	89	88	83	76	71	69	6	77
	85	87	92	90	85	77	73	71	7	79
									8	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	76	80	82	81	77	71	64	58	-2	71
	76	78	80	80	77	71	65	58	-1	70
	77	77	78	79	77	72	65	57	0	69
	80	80	79	79	76	71	65	58	1	70
	82	82	81	80	76	71	64	58	2	70
	84	83	83	81	78	72	66	61	3	72
	85	85	85	83	79	73	68	63	4	73
	84	85	86	85	81	75	70	66	5	75
	84	85	87	87	83	76	71	68	6	77
	83	86	89	90	85	78	73	71	7	79
									8	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

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VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT

4



1675 GLEN ELLYN ROAD
MENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

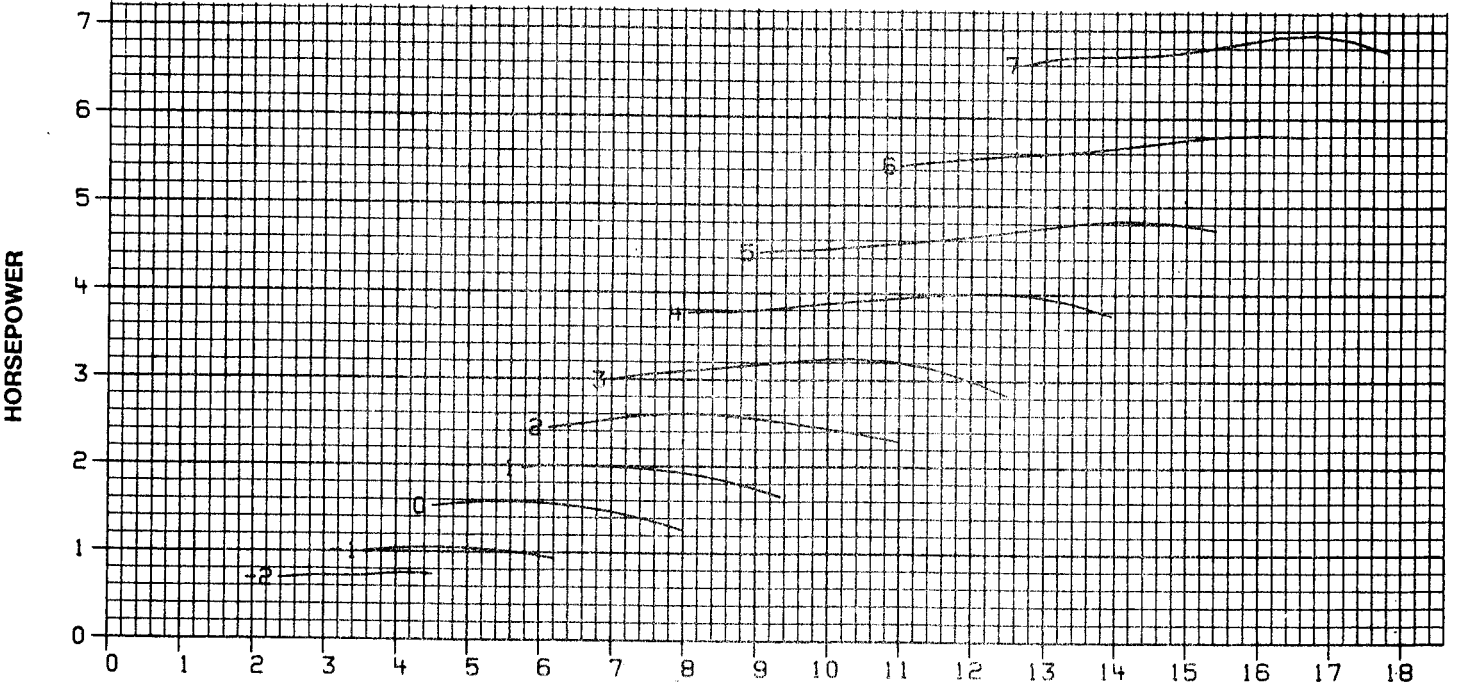
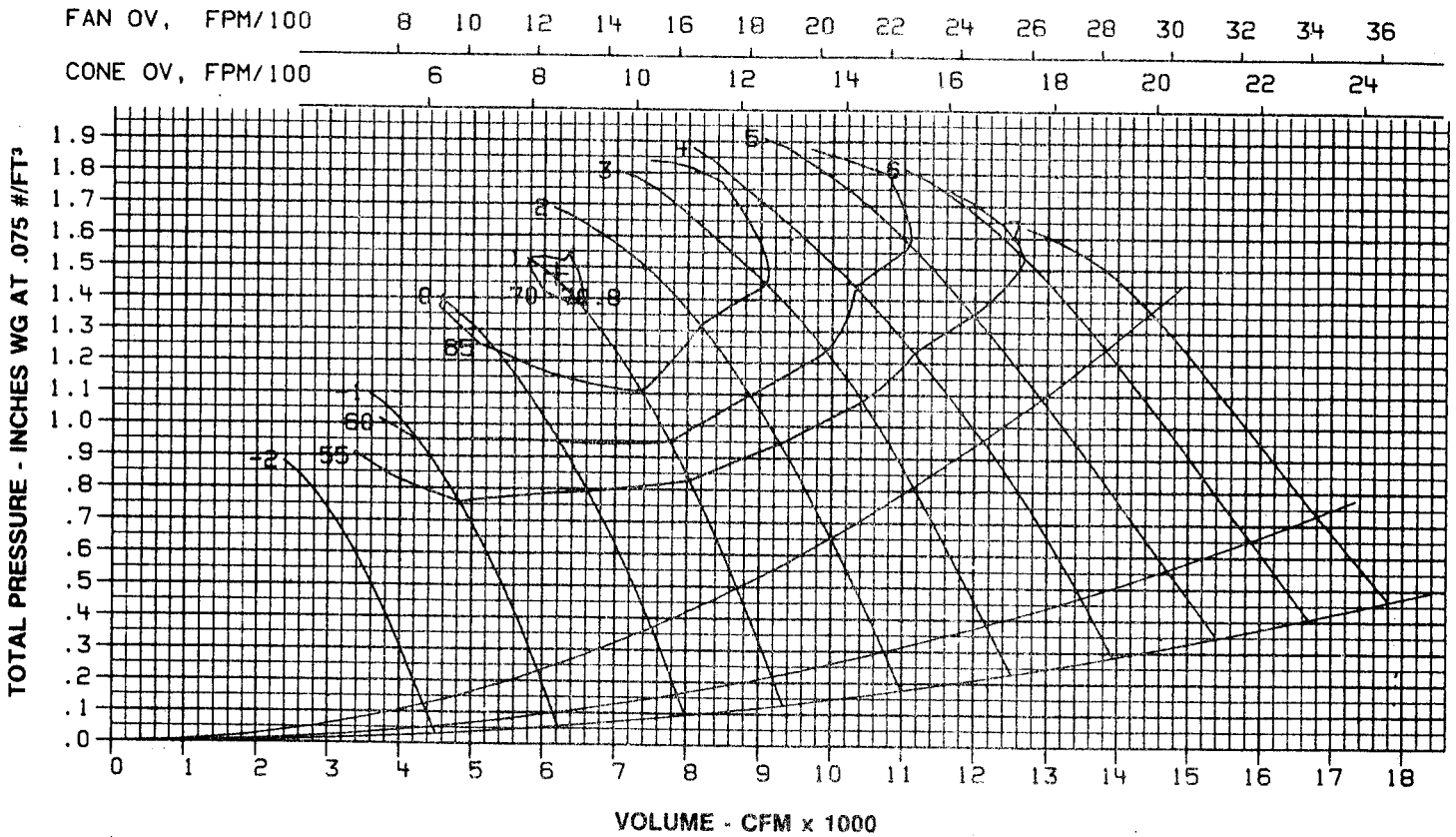
SIZE 3000-B 6-1160

RPM 1160

MOTOR HP	MIN.	A/4 MAX.
	2	50

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EFFECTIVE: SEPTEMBER 2019



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.

BULLETIN VAV-47

FAN MODEL: 3000-B6-1160

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	89	93	89	88	83	77	70	64	-2	78
	87	90	88	88	83	78	70	64	-1	78
	87	85	87	89	84	78	71	65	0	78
	90	87	89	89	85	79	72	67	1	79
	92	89	91	90	86	80	73	68	2	80
	92	89	91	90	87	81	74	70	3	80
	93	90	91	91	87	82	76	72	4	81
	96	93	94	93	90	83	77	74	5	83
	99	96	97	96	92	85	78	75	6	86
	101	97	99	99	95	87	79	76	7	88
									8	
MEDIUM Medium point is read at average TP/VP of low and high points	85	89	87	87	83	77	70	65	-2	77
	85	87	87	87	83	78	71	65	-1	77
	86	84	86	88	84	79	72	65	0	77
	89	86	87	88	84	79	72	66	1	77
	91	87	88	87	84	79	72	67	2	78
	91	88	89	89	85	80	74	69	3	79
	91	88	90	91	87	82	75	72	4	81
	92	89	93	93	89	83	77	74	5	83
	93	90	95	96	91	84	78	75	6	85
	93	90	98	97	93	86	79	77	7	87
									8	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	82	85	87	88	84	72	72	66	-2	78
	83	84	85	87	84	73	73	66	-1	77
	84	84	83	85	84	74	74	66	0	76
	88	86	85	86	84	73	73	66	1	77
	90	89	87	87	84	73	73	66	2	77
	92	89	90	88	85	74	74	69	3	79
	94	90	92	90	87	75	75	71	4	81
	93	90	92	92	89	77	77	73	5	82
	92	90	93	95	91	78	78	75	6	84
	91	90	95	97	93	79	79	77	7	86
									8	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

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VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT

4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139

Phone 708-858-2600

PAGE 121

SIZE 3000-B 6-1760

RPM 1760

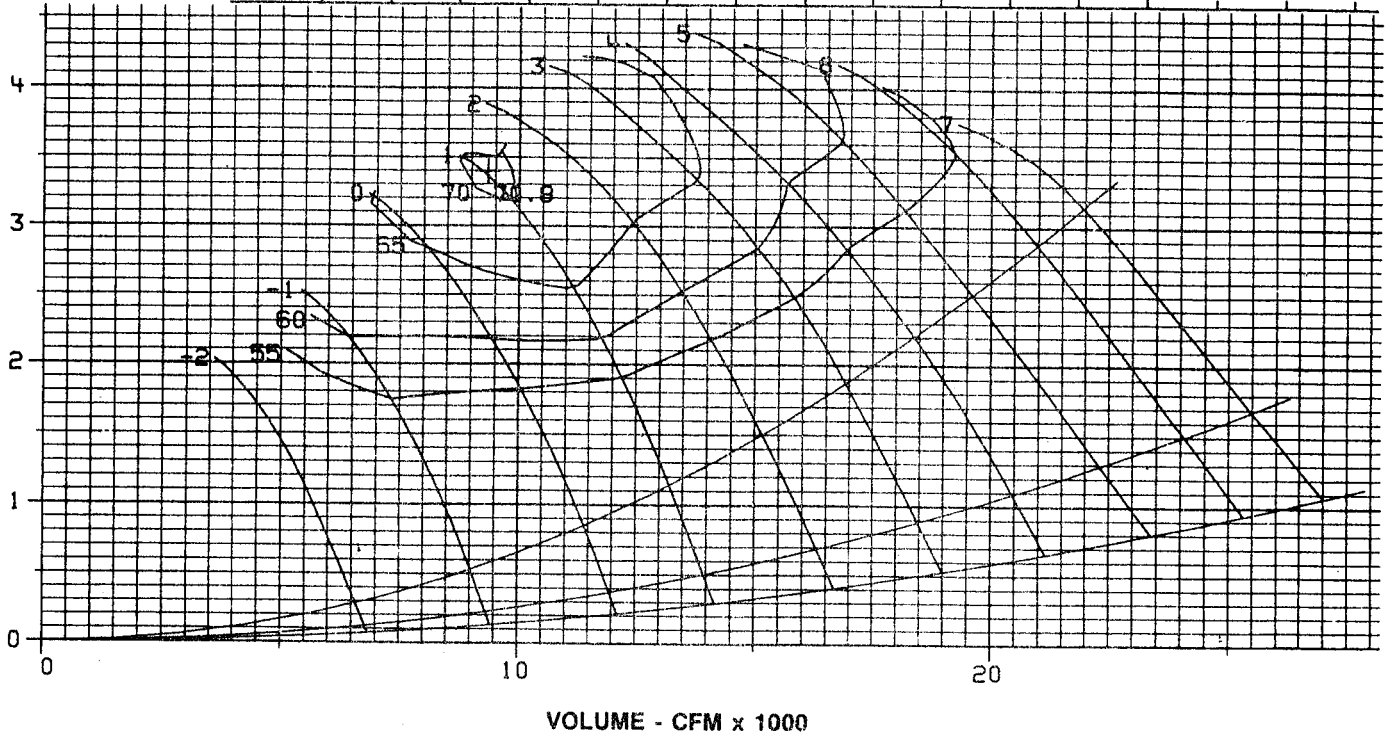
MOTOR HP	MIN.	A/4 MAX.
	7½	75

EFFECTIVE: SEPTEMBER 2019

FAN OV, FPM/100 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56

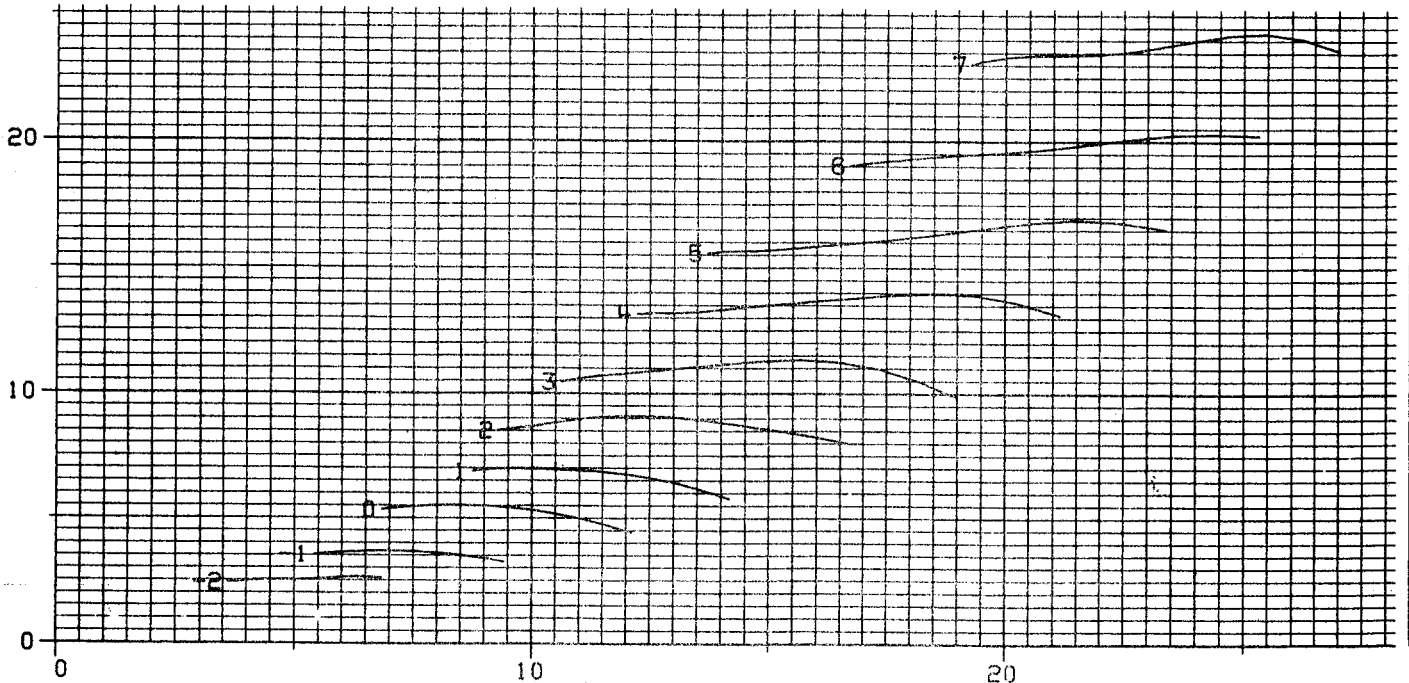
CONE OV, FPM/100 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



VOLUME - CFM x 1000

HORSEPOWER



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.

BULLETIN VAV-47



1675 GLEN ELLYN ROAD
 GLENDALE HEIGHTS, ILLINOIS 60139
 Phone 708-858-2600

EFFECTIVE: SEPTEMBER 2019

PAGE 121S

FAN MODEL: 3000-B6-1760

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	96	104	100	99	95	90	83	76	-2	89
	95	100	99	98	96	90	84	77	-1	89
	95	98	96	98	96	91	85	78	0	88
	97	100	97	99	96	92	85	79	1	89
	99	102	99	100	97	93	86	80	2	90
	99	103	100	100	98	93	87	82	3	91
	100	103	100	101	98	94	89	83	4	92
	103	106	103	104	101	96	90	84	5	94
	106	109	106	106	104	98	91	86	6	97
	108	111	107	109	106	100	93	87	7	99
									8	
MEDIUM Medium point is read at average TP/VP of low and high points	93	99	97	97	95	90	83	77	-2	88
	93	97	96	97	95	91	84	78	-1	88
	94	97	95	97	95	91	85	78	0	88
	96	99	96	97	95	91	85	79	1	88
	98	101	97	98	95	91	85	79	2	89
	98	101	98	99	97	92	87	81	3	90
	98	102	99	100	98	94	88	83	4	91
	99	103	100	103	101	96	90	84	5	93
	100	104	102	105	103	97	91	86	6	95
	100	104	103	107	105	99	92	87	7	97
									8	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	91	94	96	98	96	92	85	79	-2	89
	92	95	94	96	95	92	86	79	-1	88
	92	96	93	94	94	91	87	80	0	87
	95	99	95	95	94	91	86	79	1	87
	97	101	98	97	94	91	86	79	2	88
	99	103	99	99	96	92	87	81	3	90
	101	104	100	101	98	94	88	83	4	91
	100	103	101	102	100	95	89	84	5	93
	99	103	101	103	102	97	91	86	6	94
	98	102	102	105	105	99	92	88	7	96
									8	

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VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

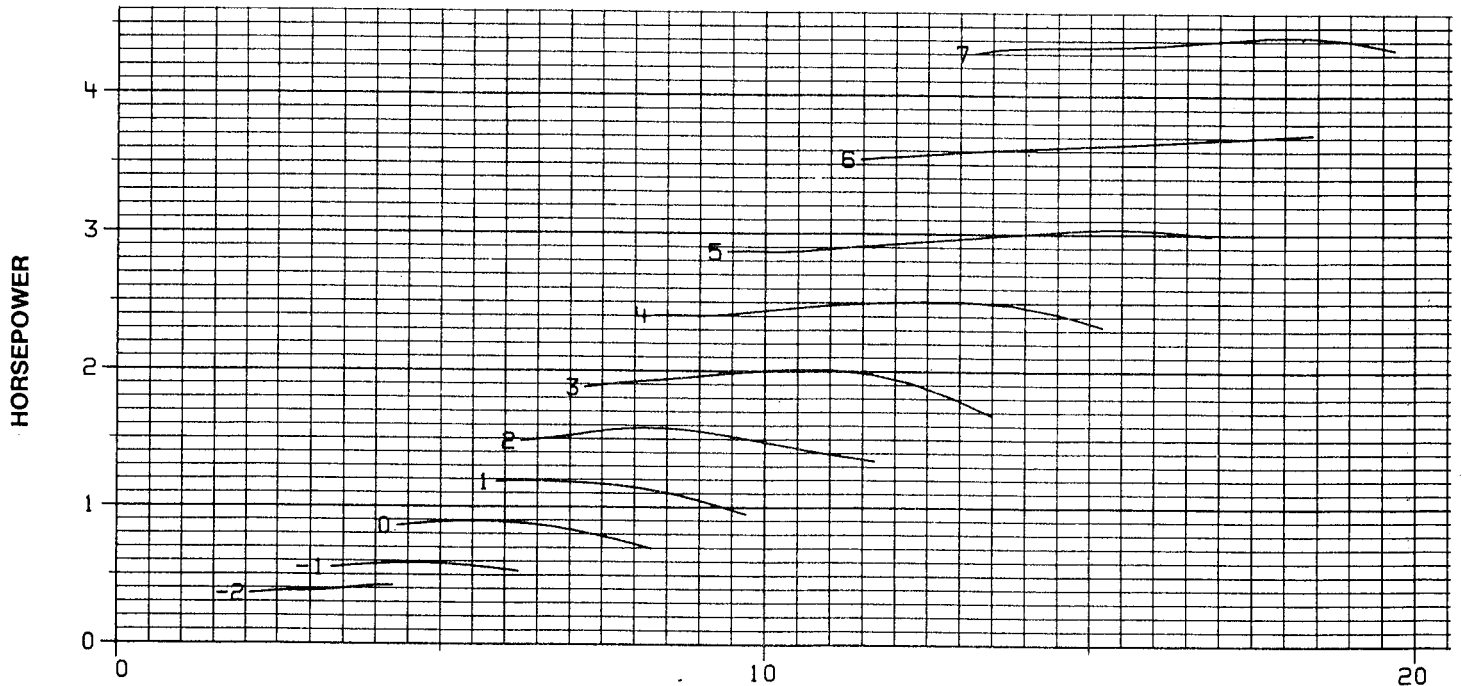
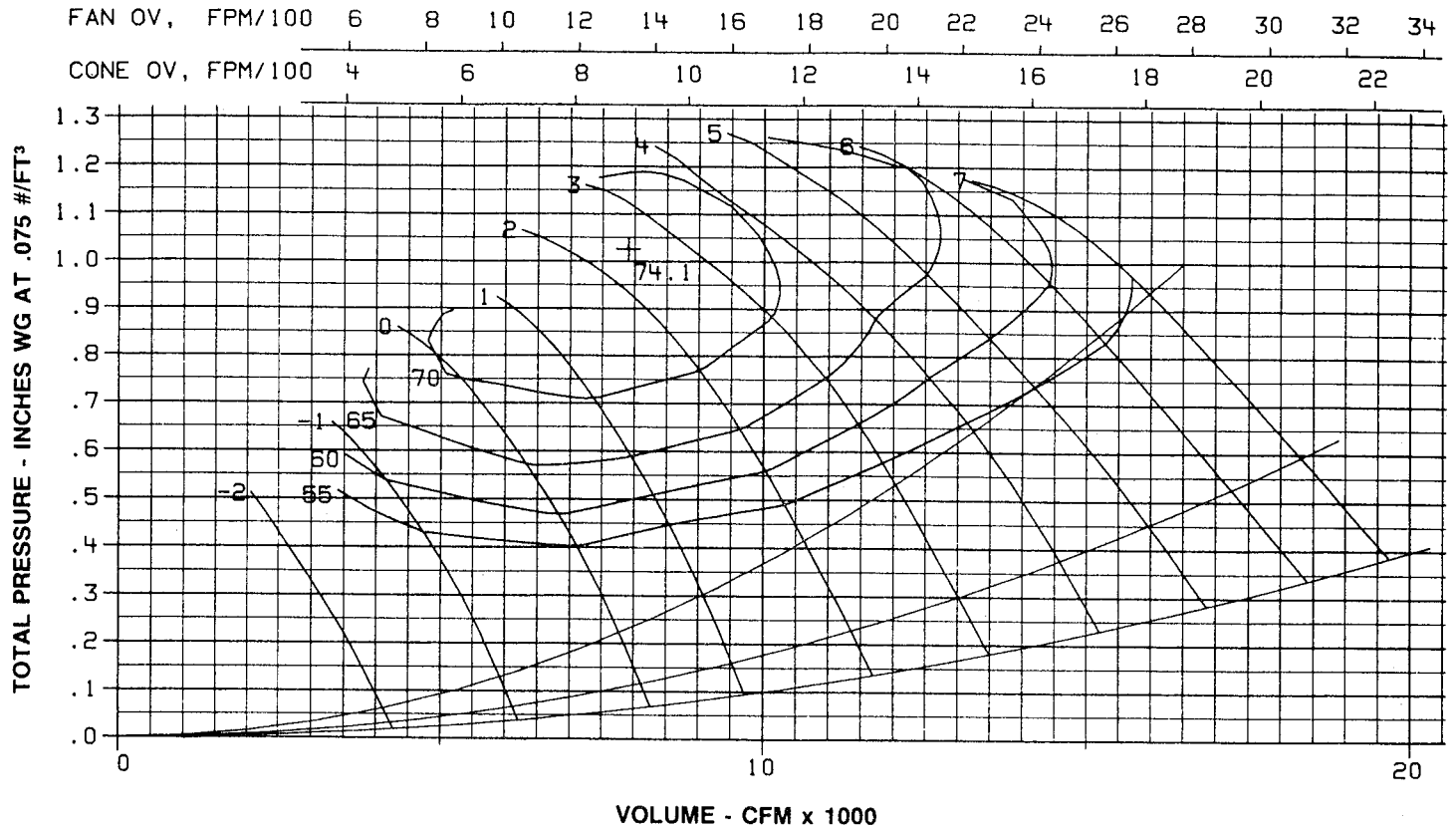
SIZE 3300-B 6- 890

RPM 890

MOTOR HP	MIN.	A/4 MAX.
	1½	40

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EFFECTIVE: SEPTEMBER 2019



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

BULLETIN VAV-47

FAN MODEL: 3300-B6-890

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	88	88	85	82	78	72	65	58	-2	73
	84	85	85	83	79	72	65	58	-1	73
	80	81	85	85	79	73	66	59	0	74
	83	83	87	85	81	74	67	61	1	75
	86	85	88	86	82	76	69	64	2	76
	86	86	88	85	82	76	71	67	3	76
	87	86	87	85	82	77	72	69	4	75
	90	89	90	88	84	78	73	70	5	78
	93	93	94	90	86	79	74	71	6	80
	95	94	96	93	88	80	74	71	7	82
									8	
MEDIUM Medium point is read at average TP/VP of low and high points	85	86	85	87	78	72	65	58	-2	72
	82	84	84	83	79	73	65	59	-1	73
	80	81	84	84	80	74	66	59	0	73
	82	82	84	83	79	74	67	60	1	73
	85	84	85	82	79	73	67	61	2	73
	85	84	86	84	80	75	69	65	3	74
	86	85	87	85	81	77	72	69	4	75
	87	87	90	88	83	78	73	70	5	77
	89	88	92	90	85	79	74	71	6	80
	89	90	95	92	87	80	75	73	7	81
									8	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	80	84	86	84	79	73	66	59	-2	73
	79	81	83	82	79	75	67	59	-1	73
	78	78	80	81	79	76	68	60	0	72
	81	81	82	81	79	75	68	60	1	72
	85	84	83	81	78	74	67	60	2	72
	86	85	85	82	80	75	69	63	3	73
	88	86	87	84	81	77	71	67	4	75
	87	87	88	87	83	78	73	69	5	77
	87	87	90	89	84	78	74	71	6	79
	87	88	93	92	87	80	75	73	7	81
									8	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



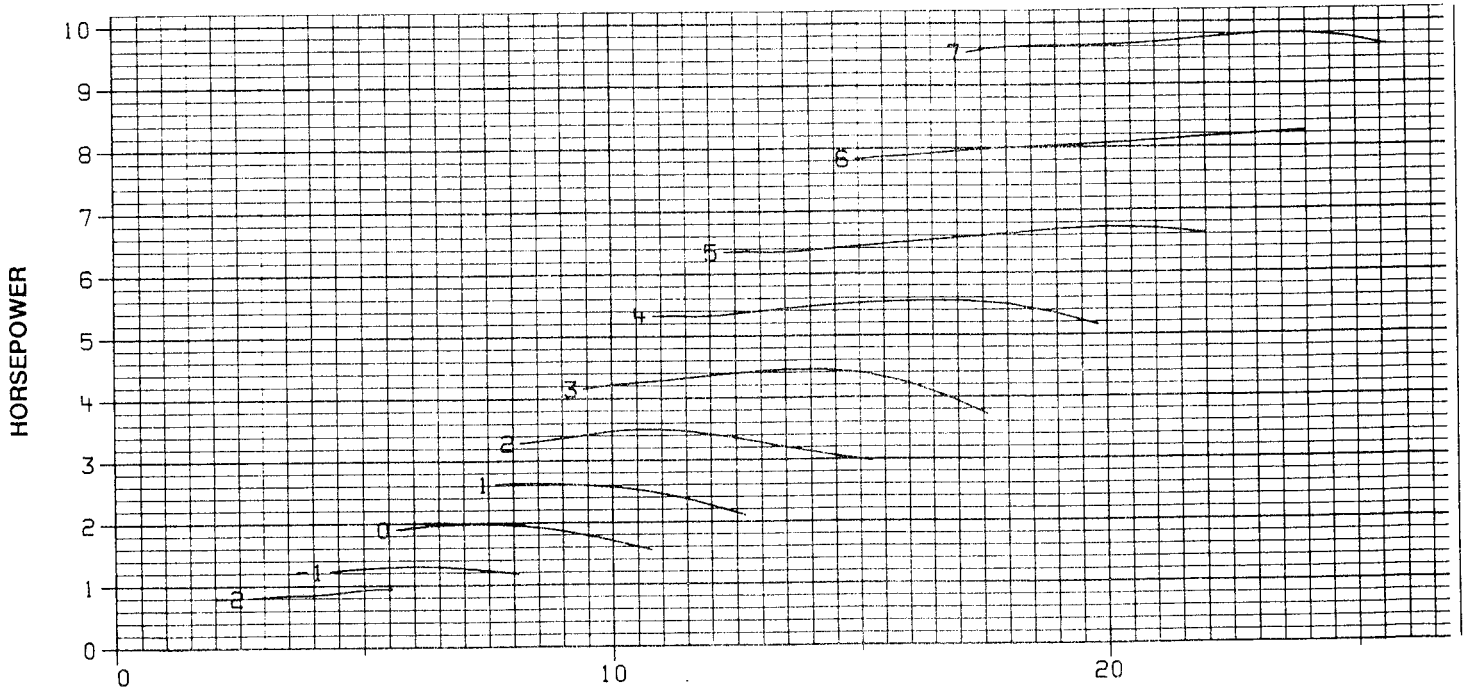
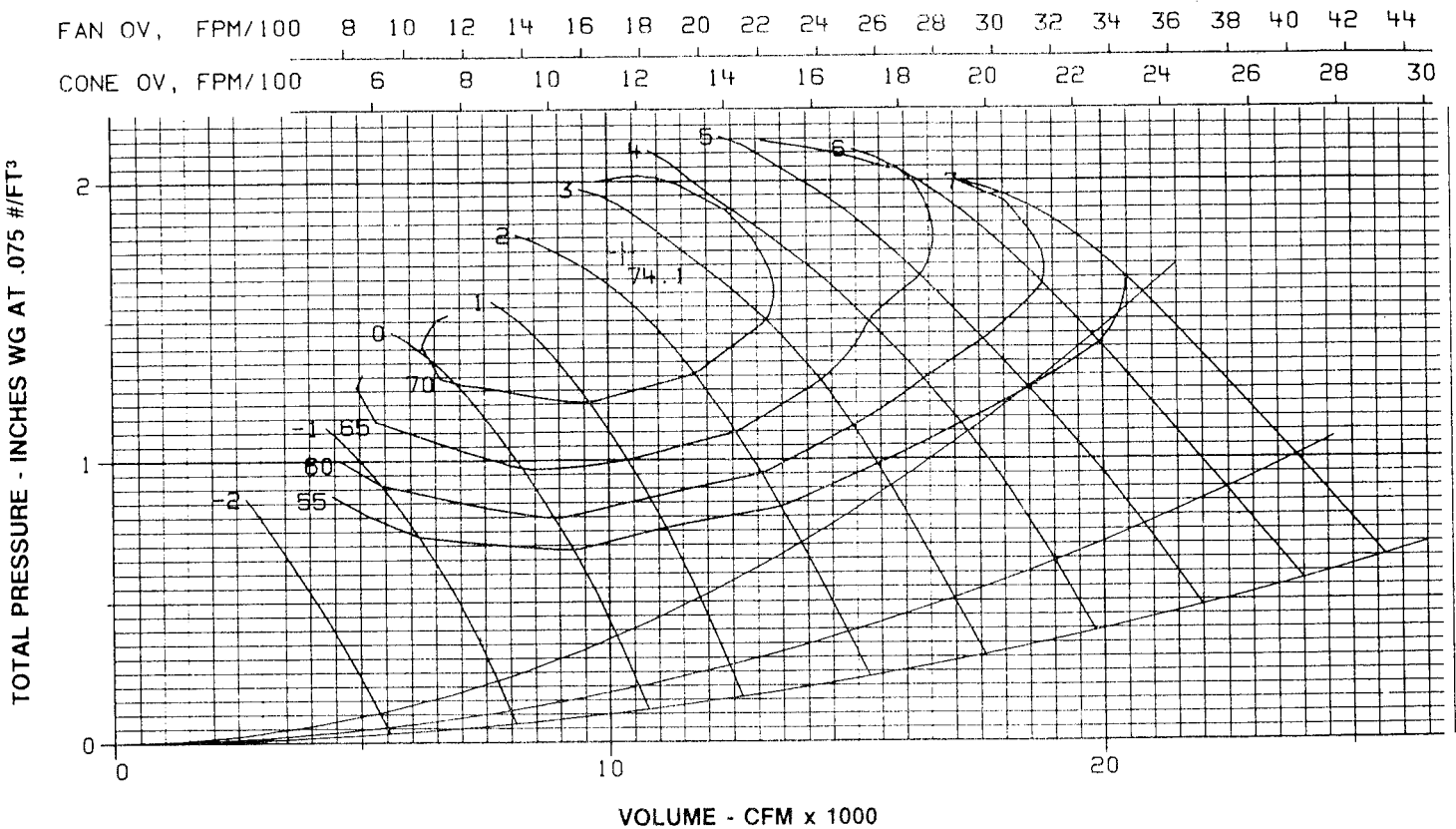
1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 3300-B 6-1160

RPM 1160

MOTOR HP	MIN.	A/4 MAX.
	3	50

EFFECTIVE: SEPTEMBER 2019



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

BULLETIN VAV-47

FAN MODEL: 3300-B6-1160

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	90	98	91	90	86	80	73	66	-2	80
	89	93	91	91	86	81	74	67	-1	80
	88	87	90	93	87	82	74	67	0	81
	91	88	92	93	88	83	75	69	1	82
	94	90	95	93	90	84	77	72	2	83
	95	91	94	92	89	85	78	74	3	83
	95	91	94	91	89	85	79	76	4	82
	93	95	97	95	91	86	80	77	5	85
	101	99	100	98	94	88	81	78	6	88
	104	100	103	100	96	89	81	78	7	90
									8	
MEDIUM Medium point is read at average TP/VP of low and high points	88	95	90	89	86	80	73	66	-2	80
	87	91	90	90	86	81	74	67	-1	80
	87	86	89	91	87	82	75	68	0	80
	90	88	90	90	87	82	75	68	1	80
	93	89	91	89	87	82	75	69	2	80
	94	90	92	91	87	83	77	72	3	81
	94	90	93	93	88	85	79	76	4	83
	96	92	95	95	91	86	80	77	5	85
	97	93	98	98	93	87	81	78	6	87
	97	96	101	100	95	88	82	79	7	89
									8	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	85	90	92	91	87	82	75	67	-2	81
	85	86	89	89	86	83	76	68	-1	80
	85	83	85	87	86	84	78	69	0	79
	89	87	87	87	85	83	77	69	1	79
	92	91	90	87	85	82	75	68	2	79
	94	92	92	89	87	83	77	71	3	80
	96	92	94	91	88	85	79	74	4	82
	95	92	95	94	90	86	80	76	5	84
	95	92	95	96	92	86	81	78	6	86
	94	93	98	99	95	88	82	79	7	88
									8	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV

VANEAXIAL FAN
ADJUSTABLE PITCH
CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
MENDOTA HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 3300-B 6-1760 RPM 1760

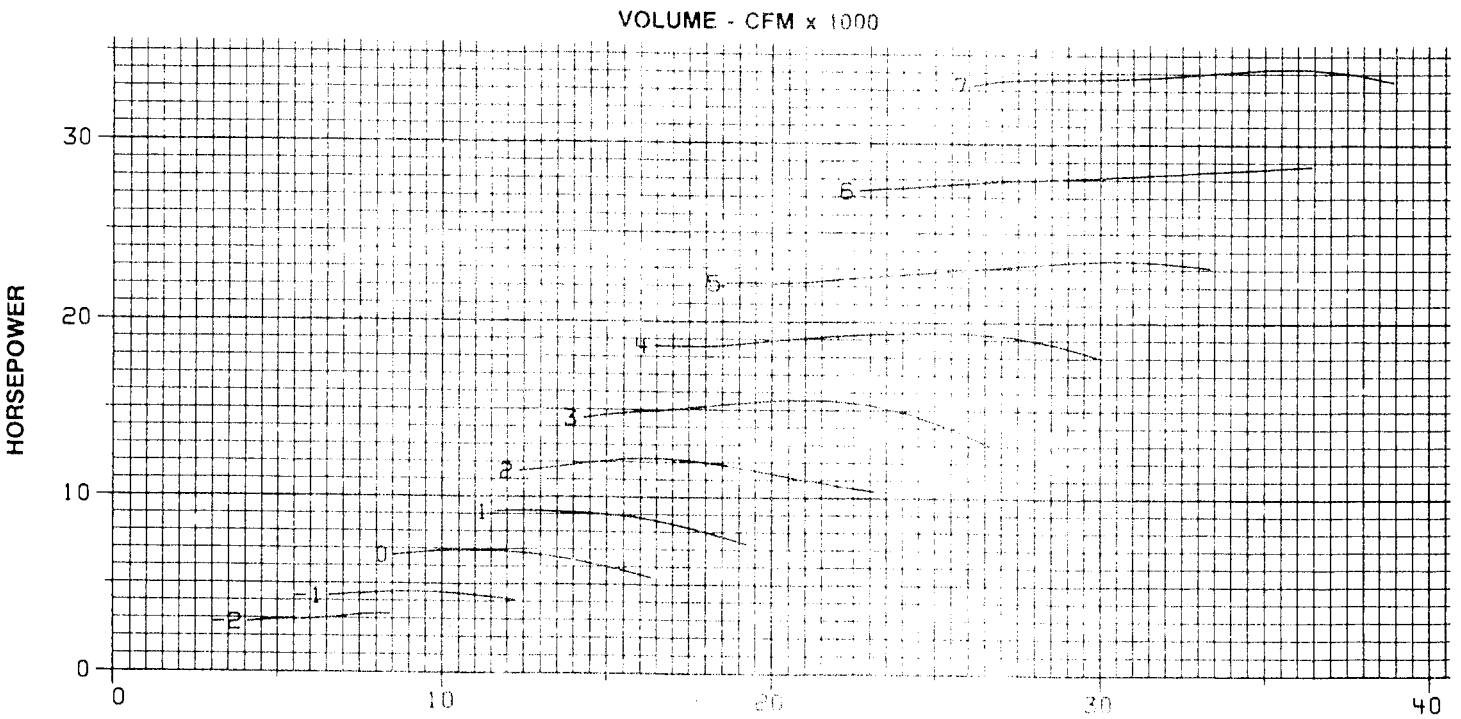
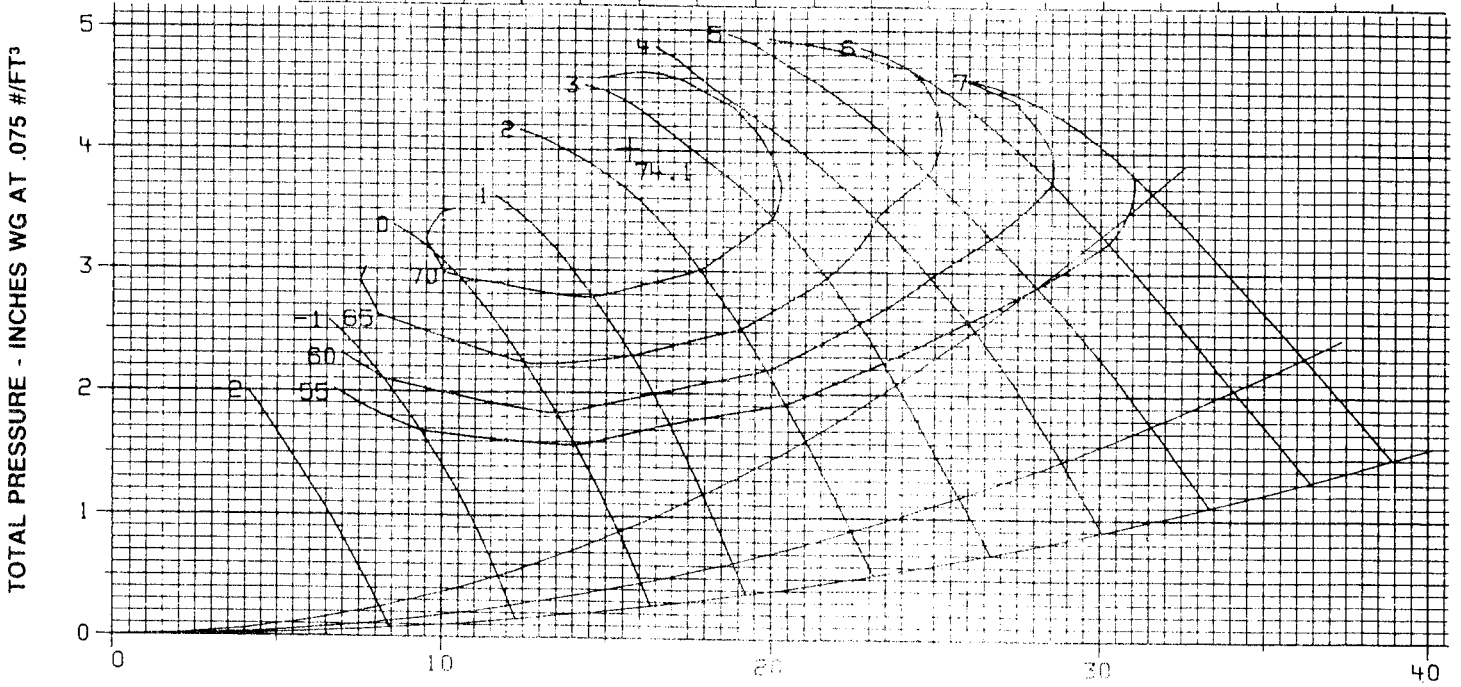
MOTOR HP	MIN 7½	A/4 MAX 75
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EFFECTIVE: SEPTEMBER 2019

FAN OV, FPM/100 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68

CONE OV, FPM/100 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 3300-B6-1760

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	96	106	105	100	97	93	86	79	-2	91
	96	102	102	100	98	93	87	80	-1	91
	97	98	98	100	99	94	88	81	0	91
	99	101	100	102	100	95	89	82	1	92
	102	104	102	103	101	97	90	84	2	94
	102	104	102	102	100	96	91	85	3	93
	102	105	103	102	99	96	92	87	4	93
	105	108	106	105	102	98	93	88	5	96
	108	111	110	108	105	100	94	88	6	99
	111	113	111	111	107	102	95	89	7	101
								8		
MEDIUM Medium point is read at average TP/VP of low and high points	94	103	103	99	97	93	86	79	-2	91
	94	101	100	99	98	93	87	80	-1	90
	95	97	97	99	98	94	88	81	0	91
	97	101	99	99	98	94	88	81	1	91
	99	103	100	100	97	94	88	82	2	91
	100	103	101	101	99	95	90	84	3	92
	100	104	102	102	100	96	92	87	4	93
	103	105	103	104	102	98	93	88	5	95
	104	107	105	107	105	99	93	89	6	97
	104	107	107	109	107	101	95	90	7	99
								8		
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	93	98	101	101	98	94	88	81	-2	91
	93	96	98	98	97	94	89	82	-1	90
	93	95	94	95	96	94	90	83	0	89
	96	99	97	96	96	93	89	82	1	89
	99	103	100	98	95	93	88	82	2	89
	102	106	102	100	97	94	90	84	3	91
	104	108	103	102	99	96	91	86	4	93
	103	105	103	103	101	98	92	87	5	94
	102	105	104	105	104	99	93	89	6	96
	101	105	105	108	107	101	95	90	7	99
								8		

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

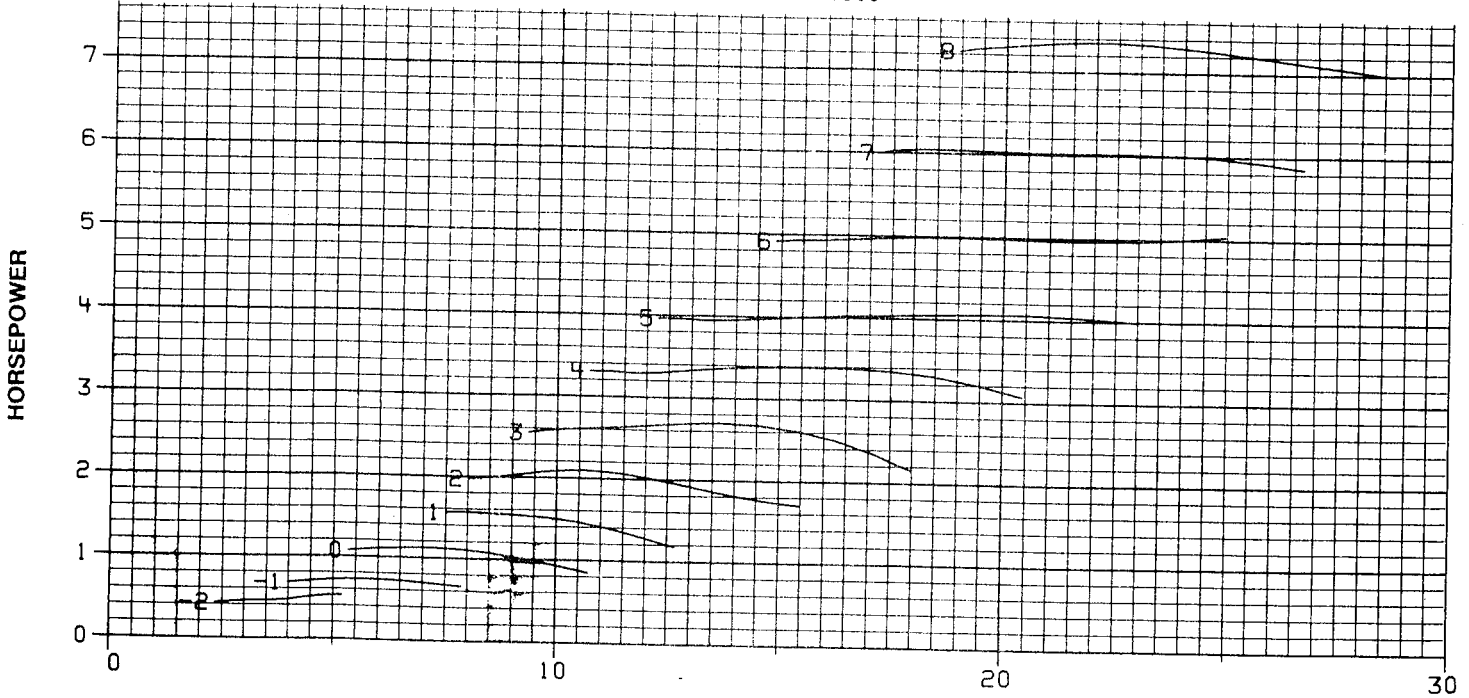
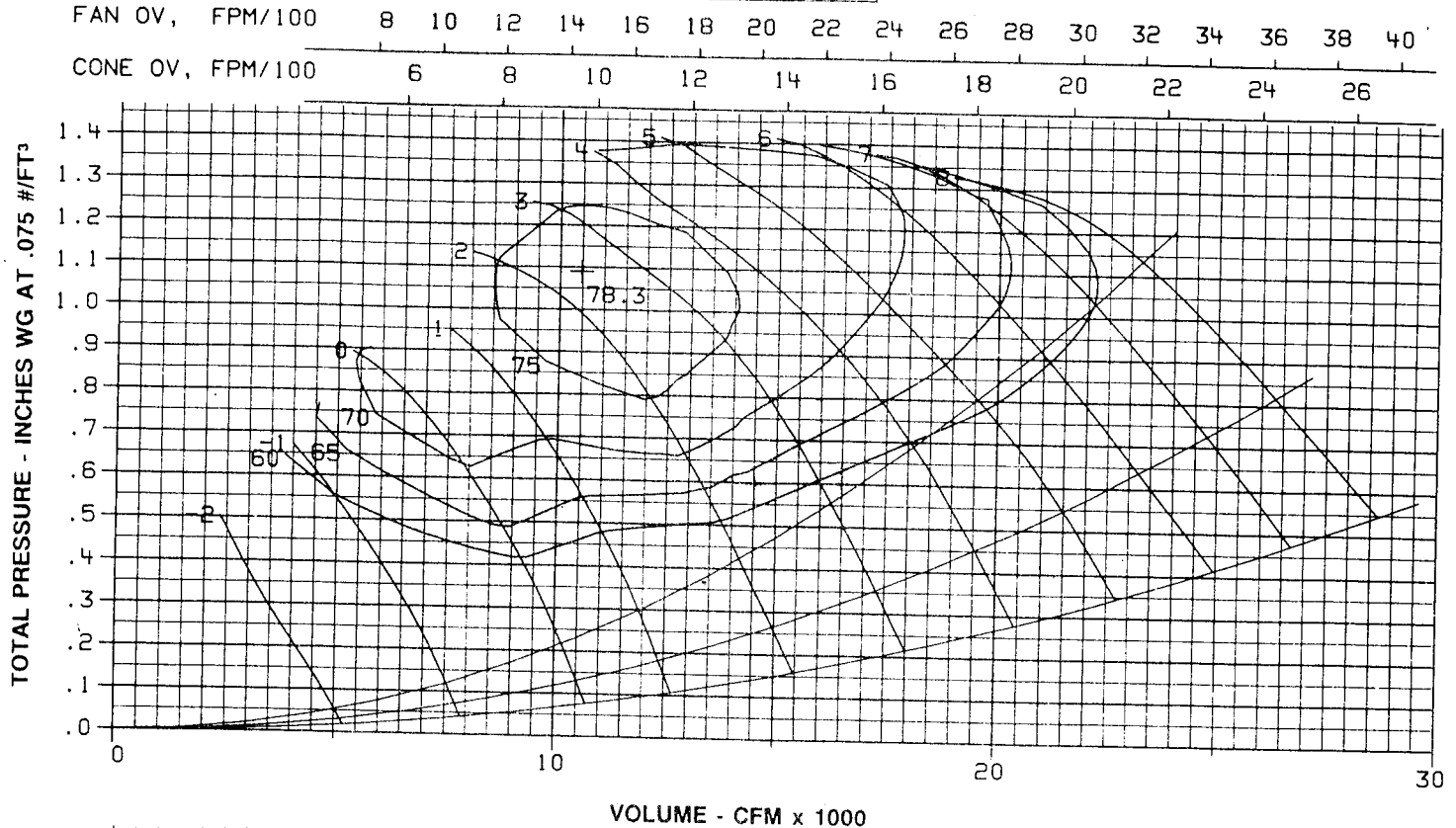
SIZE 3650-B 6- 890

RPM 890

MOTOR HP	MIN.	A/4 MAX.
	1½	40

PAGE 125

EFFECTIVE: SEPTEMBER 2019



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 3650-B6-890

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	90	94	85	84	81	75	68	60	-2	75
	86	89	87	86	82	76	68	61	-1	76
	82	84	88	88	83	77	69	61	0	77
	85	87	90	89	84	78	71	64	1	78
	89	89	91	89	86	80	73	68	2	79
	89	89	90	88	85	80	75	71	3	78
	89	88	88	86	84	81	76	74	4	78
	93	93	92	89	86	81	76	73	5	80
	97	97	96	92	88	82	77	73	6	82
	99	99	98	94	89	83	77	73	7	84
105	101	100	97	91	84	77	73	8	87	
MEDIUM Medium point is read at average TP/VP of low and high points	88	93	87	85	81	75	67	60	-2	75
	85	88	87	86	82	76	68	60	-1	76
	81	83	86	87	83	77	69	61	0	76
	84	85	87	86	82	77	70	62	1	76
	88	87	87	85	82	77	70	64	2	75
	88	87	88	86	83	78	73	68	3	77
	89	88	89	87	84	80	76	73	4	78
	91	90	92	90	85	81	77	74	5	80
	93	92	94	92	87	82	77	74	6	82
	93	94	97	94	89	83	77	75	7	84
97	95	99	97	91	84	78	75	8	86	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	84	89	90	87	82	76	68	60	-2	76
	81	84	86	85	82	78	70	61	-1	75
	78	79	82	83	82	80	72	62	0	75
	83	83	83	82	81	78	71	62	1	74
	86	86	84	82	80	77	70	62	2	74
	89	88	86	84	82	78	72	66	3	75
	91	89	88	86	84	80	73	71	4	77
	91	90	90	88	85	81	76	72	5	79
	90	90	92	91	86	81	77	73	6	81
	90	92	95	94	89	82	77	75	7	83
93	92	99	97	91	84	78	76	8	86	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV

VANEAXIAL FAN
ADJUSTABLE PITCH
CONTROLLABLE PITCH

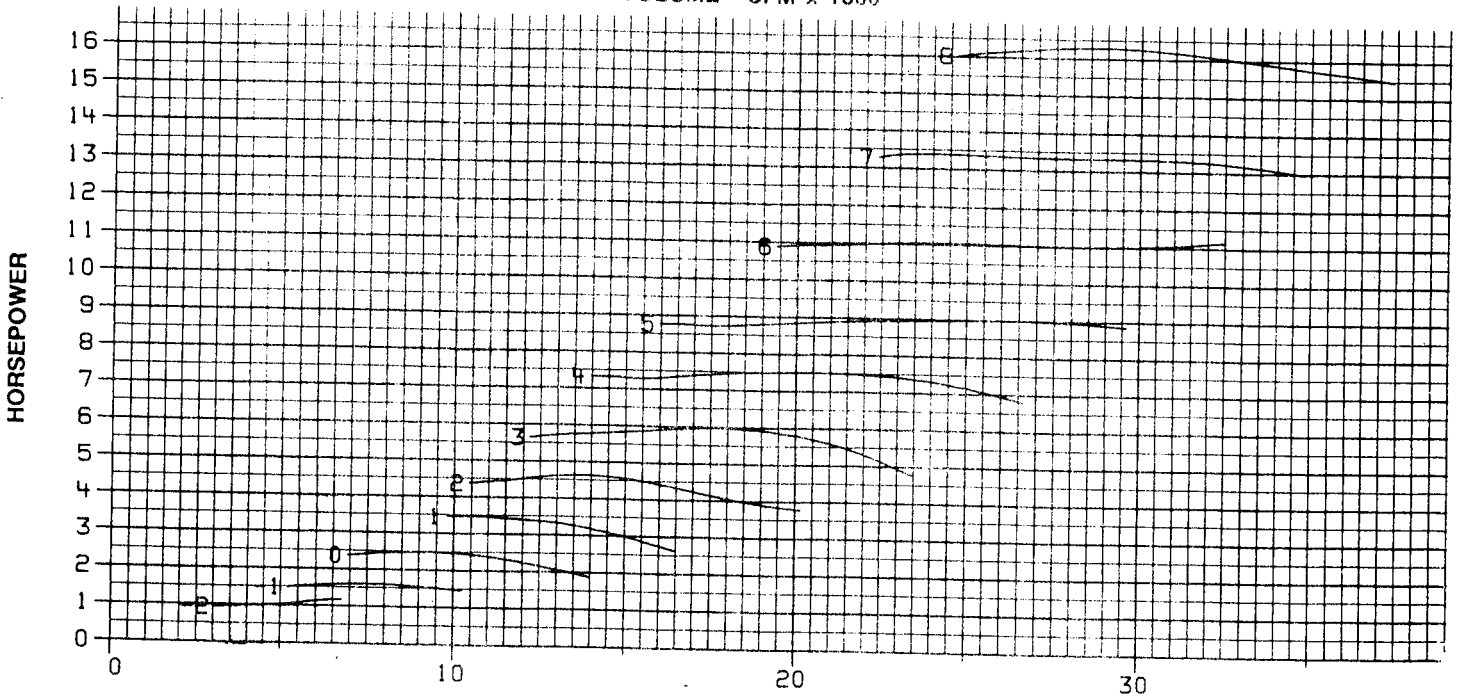
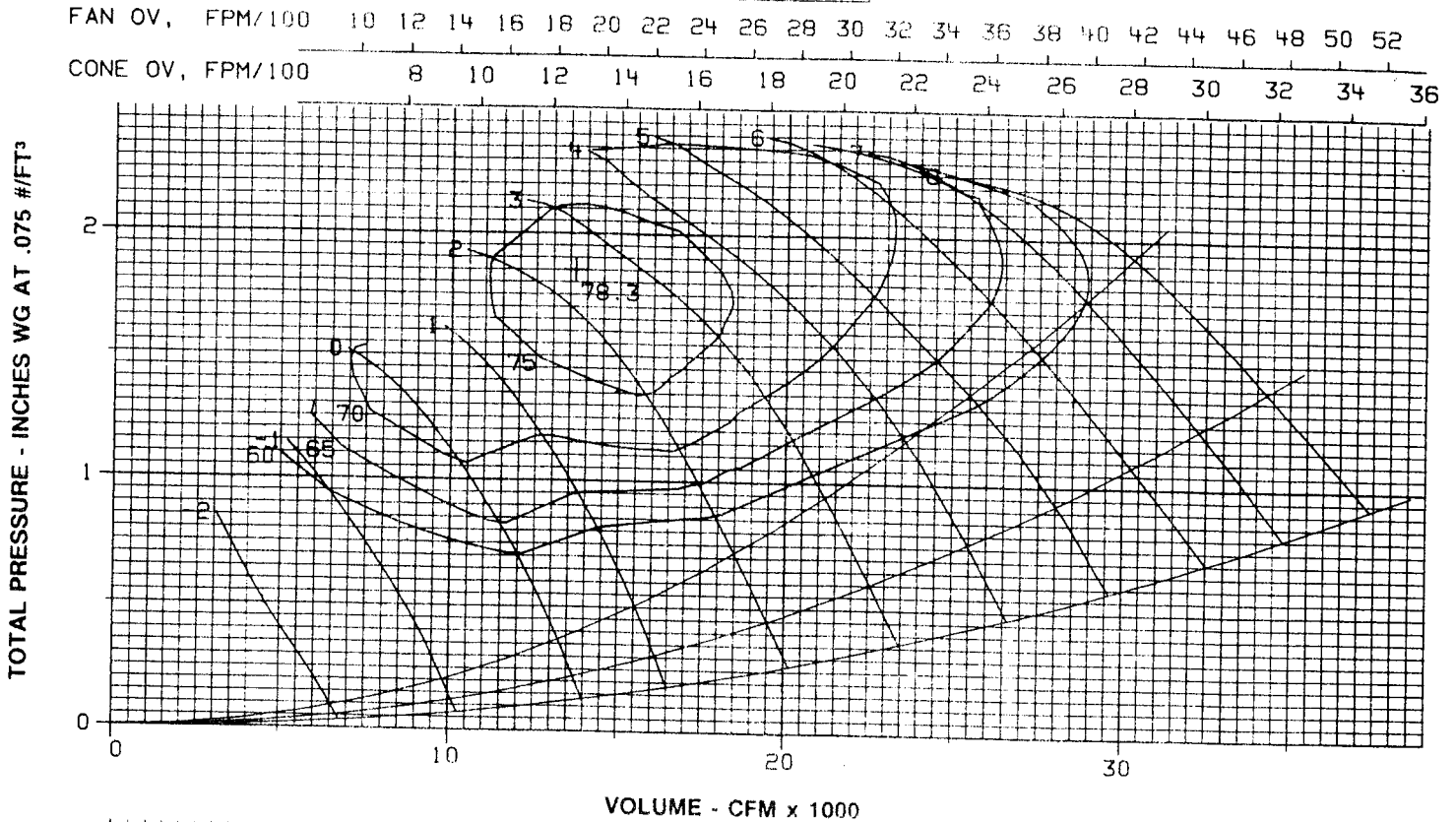
ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE	3650-8 6-1160	RPM	1160
MOTOR HP	3	A/4 MAX	50

PAGE 126
EFFECTIVE: SEPTEMBER 2019



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.

1675 GLEN ELLYN ROAD
 GLENDALE HEIGHTS, ILLINOIS 60139
 Phone 708-858-2600

FAN MODEL: 3650-B6-1160

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	90	107	91	91	88	84	76	69	-2	84
	89	98	92	94	89	84	77	69	-1	83
	89	89	92	96	90	85	77	70	0	85
	93	91	95	96	92	87	79	72	1	85
	98	93	98	96	93	89	80	75	2	87
	98	94	97	94	92	89	82	78	3	85
	97	94	95	92	90	88	83	80	4	84
	101	98	99	96	93	89	83	80	5	87
	104	103	103	99	95	90	84	80	6	90
	107	104	105	102	97	92	84	80	7	92
109	106	107	104	99	93	85	80	8	94	
MEDIUM Medium point is read at average TP/VP of low and high points	89	103	93	92	88	84	76	68	-2	83
	89	96	92	93	89	85	77	69	-1	83
	88	88	90	95	90	86	78	70	0	84
	92	90	92	93	90	86	78	71	1	83
	96	93	94	91	89	85	78	72	2	82
	97	93	94	93	90	87	80	76	3	84
	97	93	95	94	90	88	83	80	4	85
	99	95	97	97	93	89	83	81	5	87
	101	98	100	100	95	90	84	81	6	89
	101	98	102	102	97	91	84	81	7	91
101	99	105	104	99	92	85	82	8	93	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	88	95	96	94	90	85	77	69	-2	84
	87	90	91	91	89	86	80	70	-1	82
	86	85	87	89	88	88	82	72	0	82
	90	89	89	89	87	86	80	71	1	81
	94	93	91	88	87	85	78	71	2	81
	97	95	93	90	89	86	80	74	3	82
	99	96	95	92	90	88	82	78	4	84
	98	96	96	95	92	88	83	79	5	86
	98	96	97	98	94	89	83	80	6	88
	97	98	101	102	97	91	84	82	7	91
97	98	105	105	100	92	85	83	8	84	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet LwI sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV

VARIABLE SPEED
ADJUSTABLE VOLUME
CONTROLLER

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

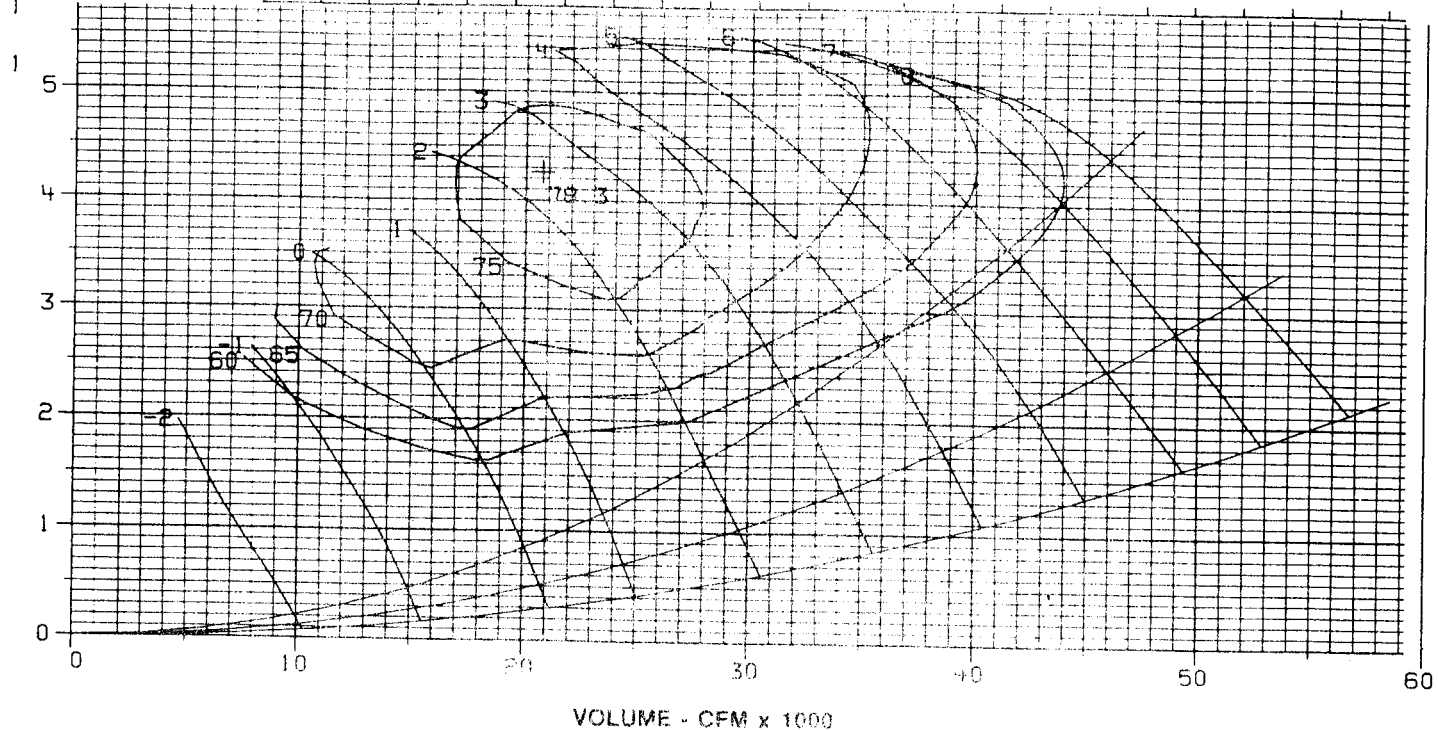
SIZE 3650-B 6 1760 RPM 1760

MOTOR	MIN	A/4 MAX
HP	7 1/2	75

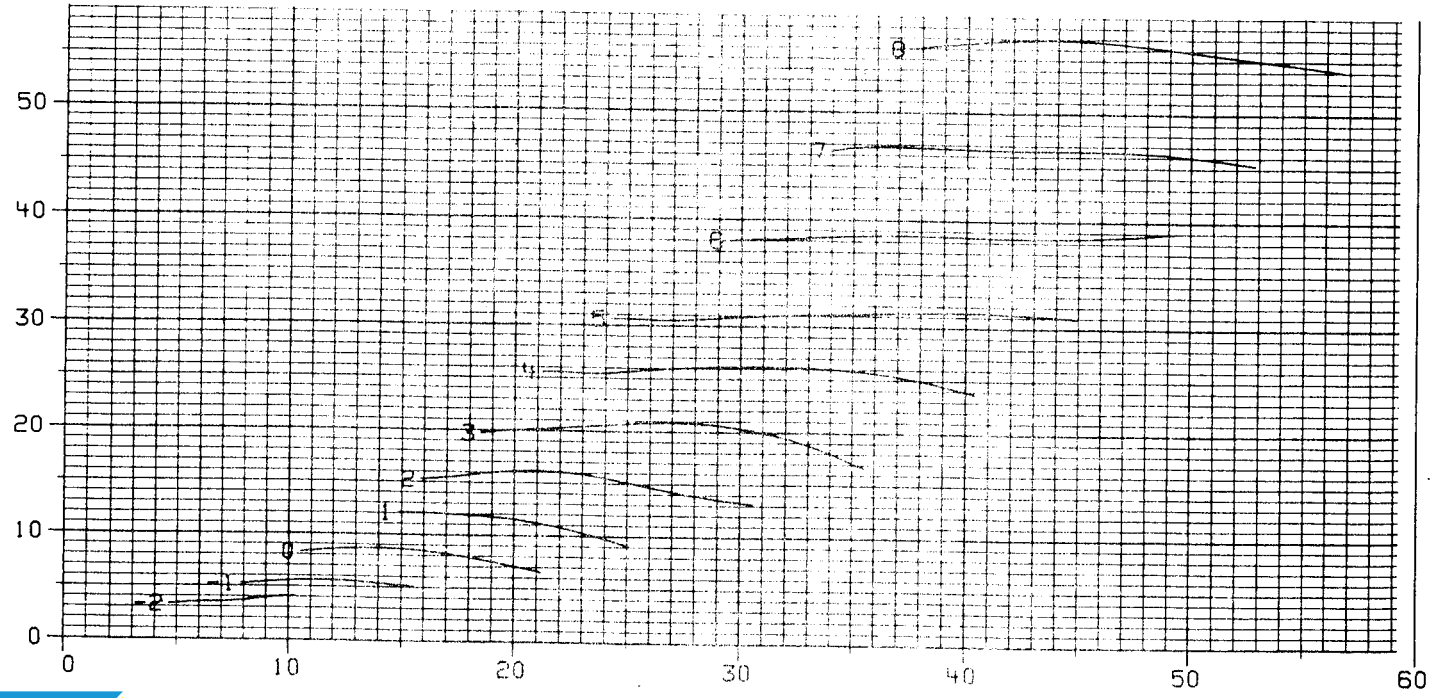
PAGE 127
EFFECTIVE: SEPTEMBER 2019

FAN OV, FPM/100 16 20 24 28 32 36 40 44 48 52 56 60 64 68 72 76 80
 CONE OV, FPM/100 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



HORSEPOWER



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 3650-B6-1760

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	97	108	110	100	99	95	90	82	-2	94
	96	104	105	101	101	96	90	83	-1	94
	96	100	100	103	103	97	91	83	0	95
	100	103	102	105	104	99	93	85	1	96
	105	107	105	106	104	101	94	87	2	97
	105	107	104	105	102	100	95	89	3	96
	105	107	104	103	101	99	95	91	4	95
	108	111	108	107	104	100	96	91	5	98
	111	115	113	110	107	102	97	91	6	101
	114	117	114	113	109	104	98	92	7	103
	116	113	115	115	111	106	99	92	8	105
MEDIUM Medium point is read at average TP/VP of low and high points	96	106	109	102	99	96	90	82	-2	94
	96	102	104	101	101	97	91	83	-1	93
	96	99	98	101	102	98	92	84	0	94
	99	102	100	101	101	97	92	84	1	93
	103	106	102	102	99	97	91	84	2	93
	104	106	102	103	101	98	93	88	3	94
	105	107	103	104	102	98	95	91	4	95
	107	109	106	106	104	101	96	91	5	97
	109	111	108	109	107	102	96	92	6	100
	109	111	110	111	109	104	97	92	7	102
	109	106	112	114	111	105	98	92	8	104
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	95	102	105	104	101	97	91	83	-2	95
	94	99	100	101	99	97	93	85	-1	93
	93	96	95	97	98	97	94	87	0	91
	97	101	99	98	97	96	93	86	1	91
	102	105	102	99	97	95	91	84	2	91
	104	107	104	101	99	97	93	87	3	93
	106	109	105	103	101	98	95	90	4	95
	106	108	106	105	103	100	95	91	5	96
	105	108	106	107	106	101	96	91	6	98
	105	108	108	110	109	103	97	92	7	101
	105	104	112	114	112	106	98	93	8	104

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



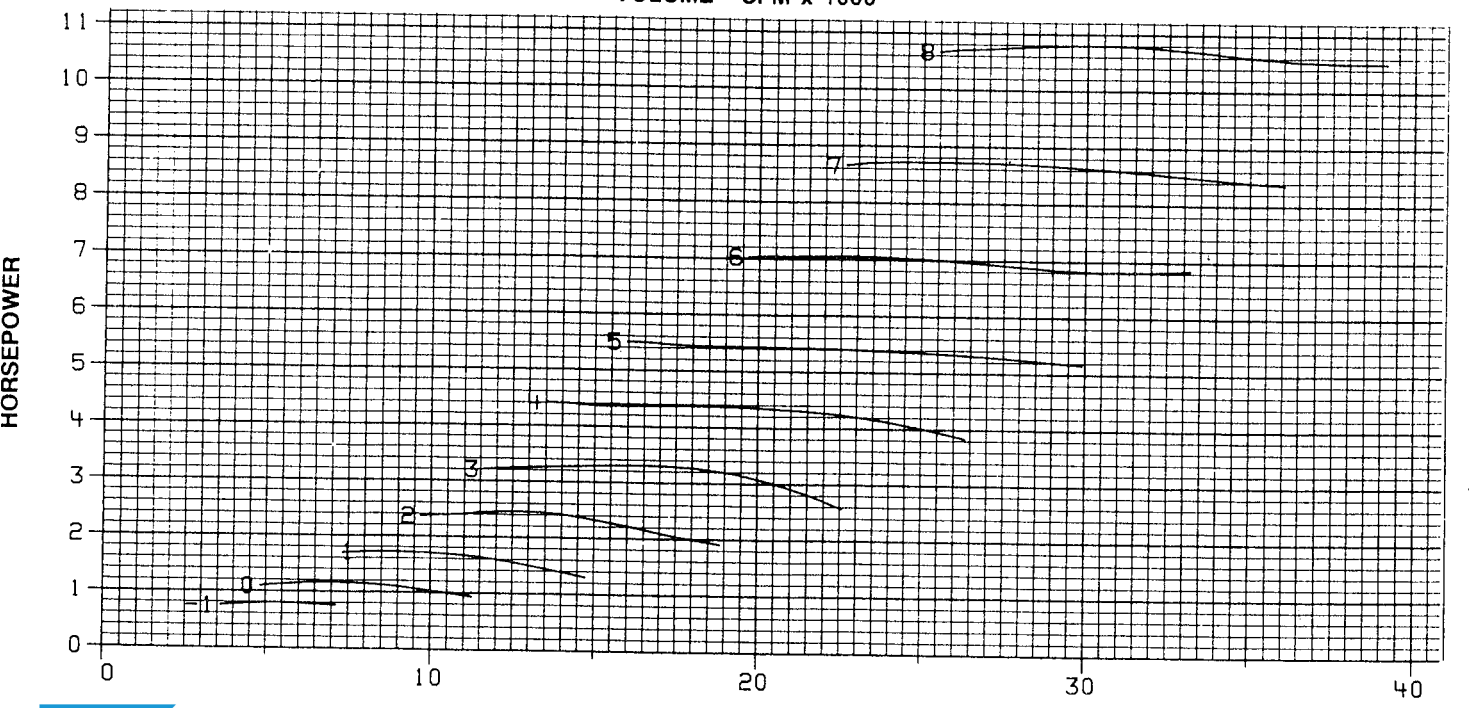
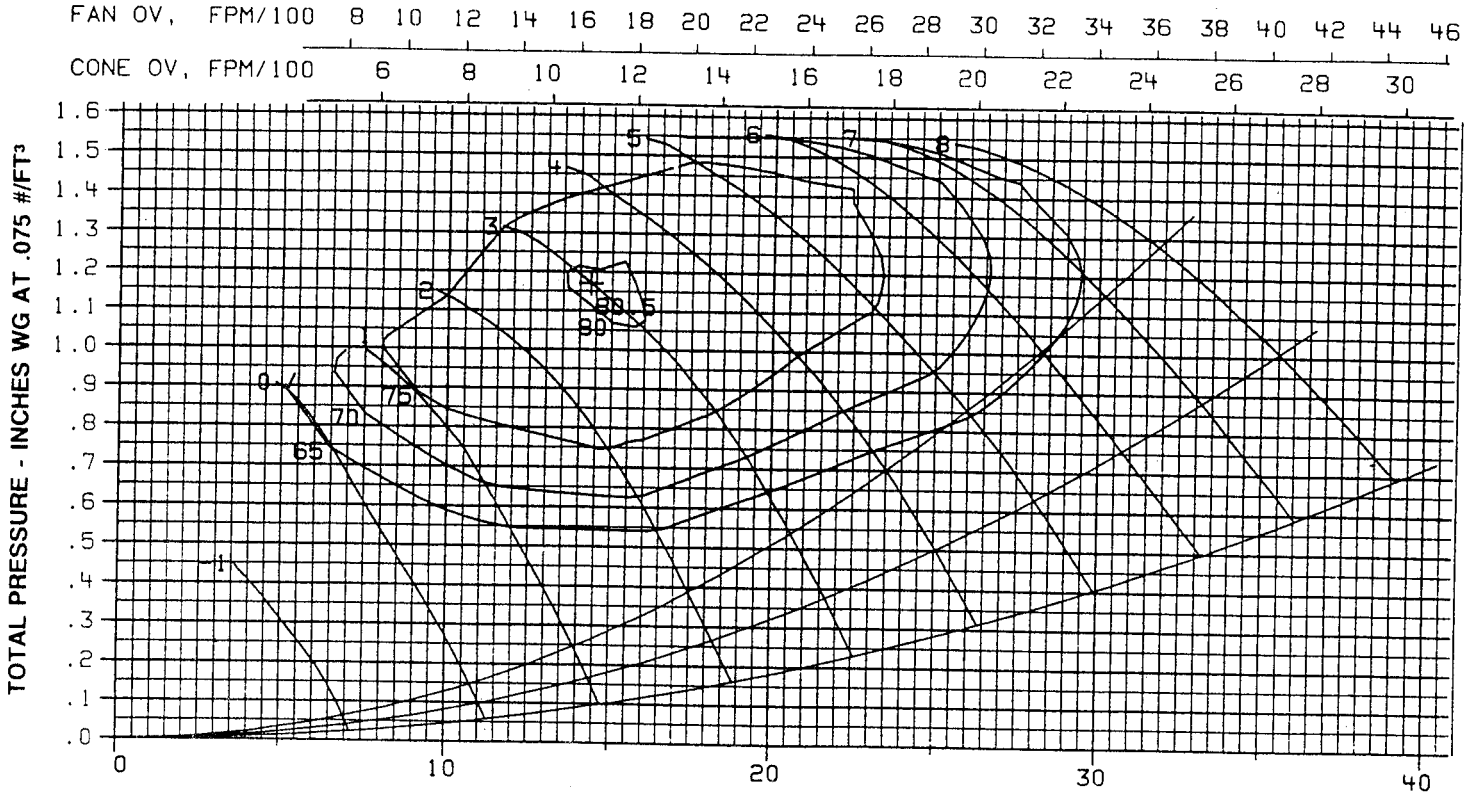
1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE	4025-B 6- 890
------	---------------

RPM	890
-----	-----

MOTOR HP	MIN.	A/4 MAX.
	1½	40

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EFFECTIVE: SEPTEMBER 2019



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 4025-B6-890

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	87	92	90	89	85	79	72	64	-1	79
	83	87	90	90	85	79	72	64	0	79
	86	88	91	91	87	81	74	67	1	80
	90	99	93	92	88	82	75	70	2	81
	90	90	92	91	88	83	77	73	3	81
	90	90	92	90	87	83	79	76	4	81
	95	94	95	92	88	84	79	75	5	83
	99	99	98	94	90	84	79	75	6	85
	102	101	101	97	92	86	80	76	7	87
107	103	105	103	98	91	83	79	8	92	
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	86	91	90	89	85	80	72	64	-1	79
	84	85	88	89	86	80	74	68	0	79
	86	86	89	89	86	80	73	67	1	79
	88	88	89	88	85	80	73	66	2	78
	89	89	90	89	86	81	75	71	3	79
	90	89	92	90	87	83	78	75	4	81
	93	93	95	93	88	84	79	76	5	83
	97	96	98	95	90	84	80	77	6	85
	97	98	100	98	92	86	80	77	7	87
101	98	104	103	98	91	83	80	8	92	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	83	88	89	88	85	81	73	64	-1	79
	80	83	86	86	85	82	75	64	0	78
	84	85	86	85	84	81	74	65	1	77
	88	87	86	84	83	80	73	65	2	76
	90	89	88	86	84	81	75	69	3	78
	91	90	90	88	85	82	77	73	4	79
	92	92	93	91	88	83	78	74	5	81
	92	93	95	94	89	84	79	76	6	84
	94	95	99	97	92	85	80	78	7	86
98	97	104	103	98	91	83	81	8	92	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



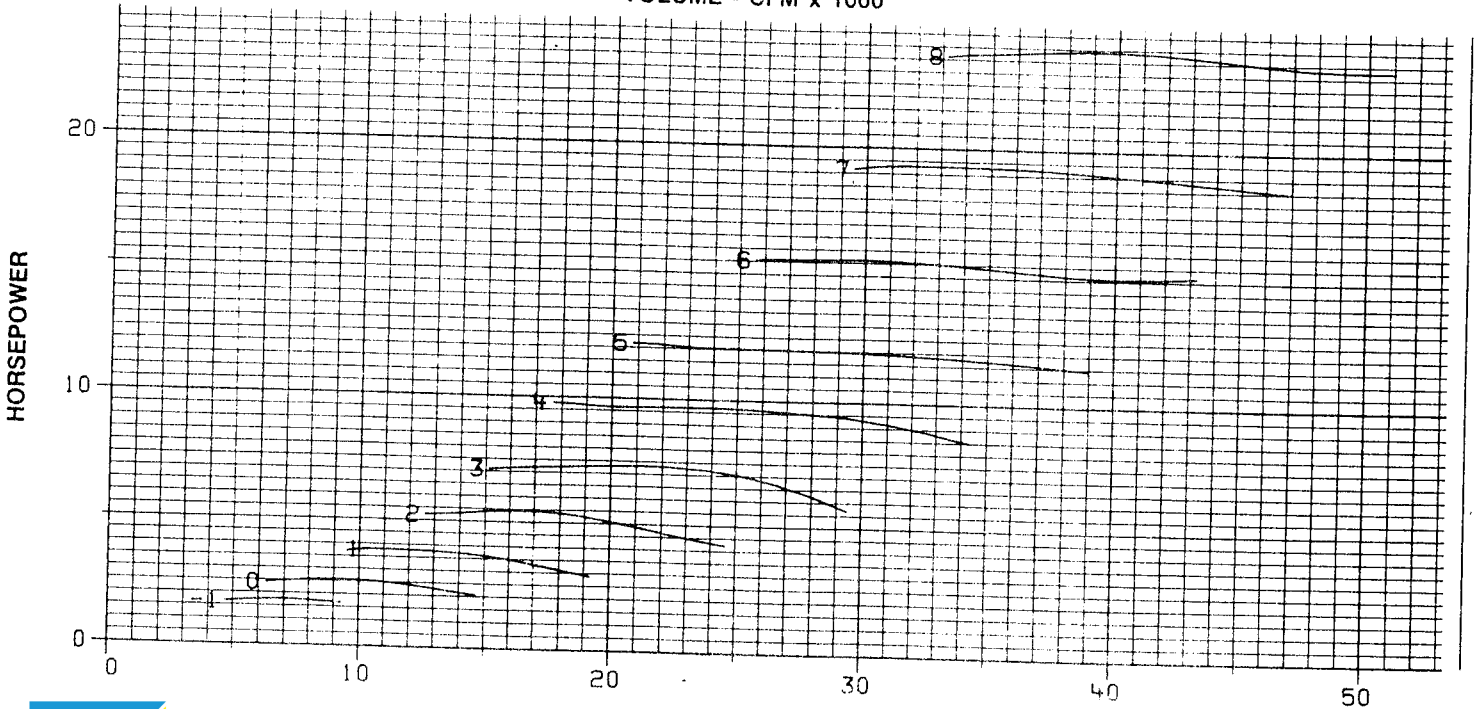
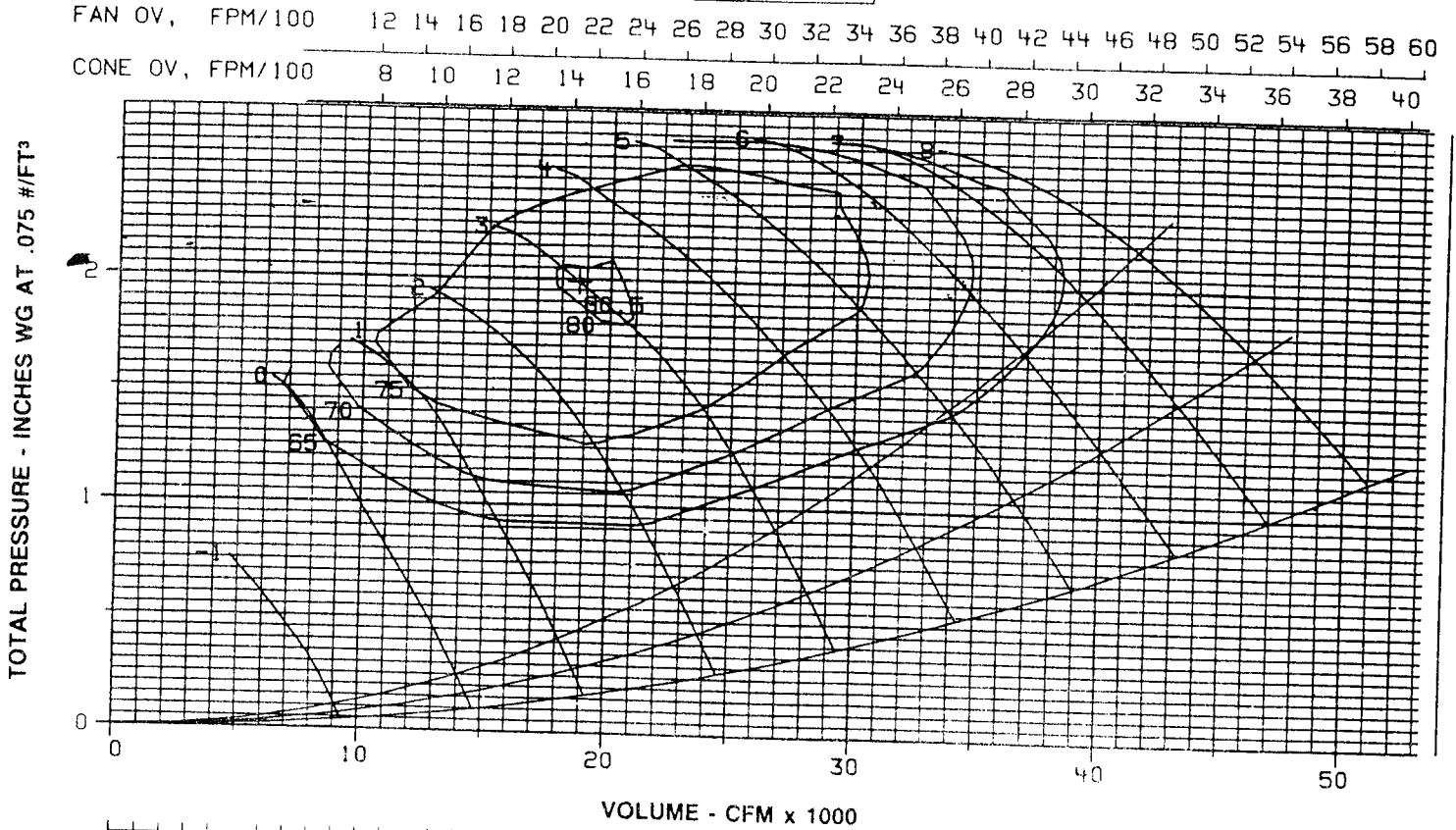
SIZE 4025-B 6-1160

RPM 1160

1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600
PAGE 129

MOTOR	MIN.	A/4 MAX.
HP	3	50

EFFECTIVE: SEPTEMBER 2019



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.



1675 GLEN ELLYN ROAD
 GLENDALE HEIGHTS, ILLINOIS 60139
 Phone 708-858-2600

EFFECTIVE: SEPTEMBER 2019

PAGE 129S

FAN MODEL: 4025-B6-1160

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	90	100	95	97	93	88	81	73	-1	86
	89	92	95	98	93	88	81	73	0	87
	94	93	97	98	95	89	82	75	1	88
	98	94	99	98	96	91	83	77	2	99
	98	94	98	97	95	91	84	80	3	88
	98	95	98	96	94	91	86	82	4	88
	103	100	102	99	96	92	86	82	5	90
	107	105	105	102	97	92	86	82	6	92
	109	107	108	104	100	94	87	83	7	94
	112	108	110	107	103	96	88	83	8	97
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	89	98	95	96	93	88	81	73	-1	86
	90	91	93	96	93	89	82	76	0	86
	94	92	94	95	93	88	82	75	1	86
	97	93	95	94	93	88	81	75	2	85
	97	94	96	96	93	89	83	78	3	86
	98	94	97	97	94	91	85	82	4	88
	101	98	100	100	96	92	86	83	5	90
	105	101	104	103	98	92	86	84	6	92
	105	102	106	105	100	94	87	84	7	94
	106	103	109	107	102	96	88	85	8	96
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	88	93	95	95	92	89	83	73	-1	86
	87	88	92	92	91	90	84	74	0	85
	91	91	92	91	90	89	83	74	1	84
	95	94	93	90	89	88	82	74	2	83
	97	95	95	92	91	89	83	77	3	85
	99	97	97	95	93	90	84	80	4	86
	99	97	99	98	95	91	85	82	5	88
	99	98	101	101	97	92	86	83	6	91
	101	100	104	105	100	94	87	84	7	94
	103	101	108	108	103	95	88	86	8	97

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet



VAV VANEAXIAL FAN
ADJUSTABLE PITCH
CONTROLLABLE PITCH

ARRANGEMENT

4

CHICAGO BLOWER CORPORATION

SIZE 4025-B 6-1760

RPM 1760

1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139

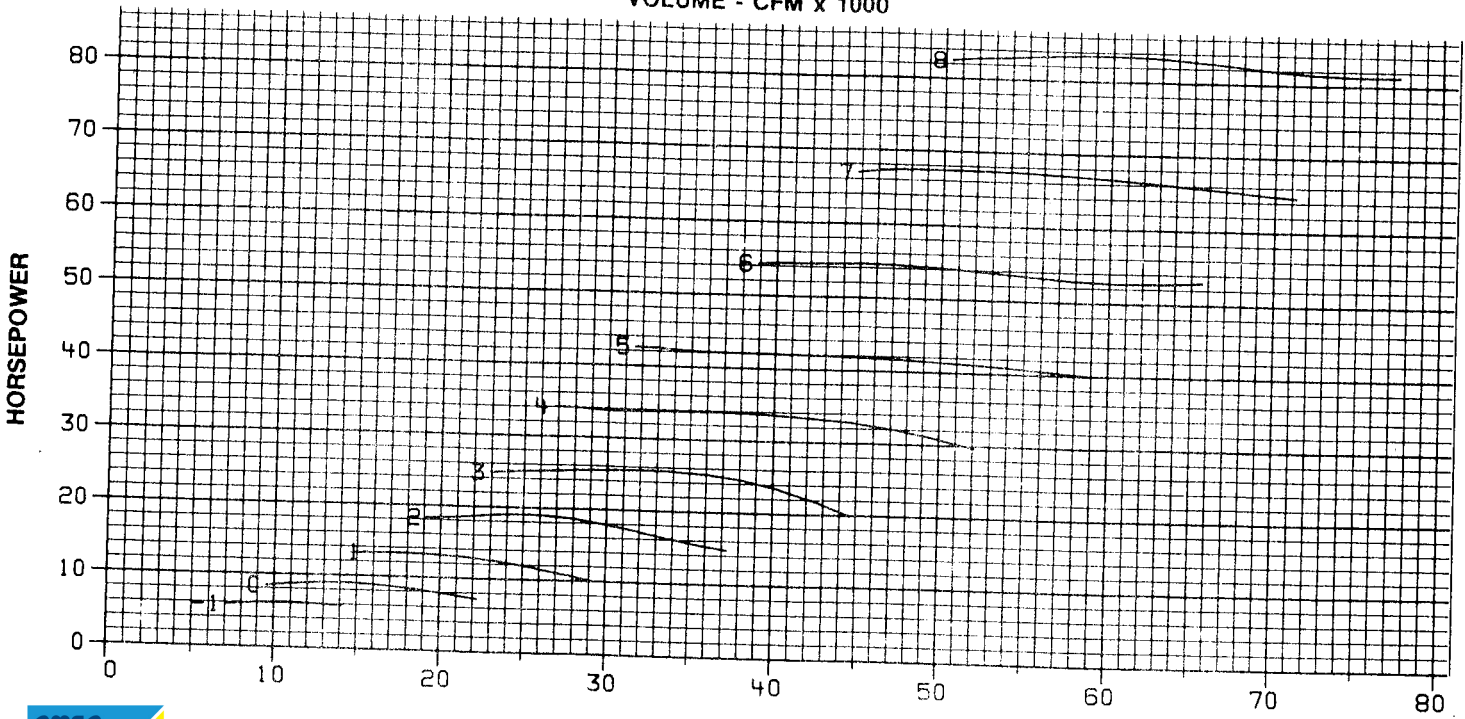
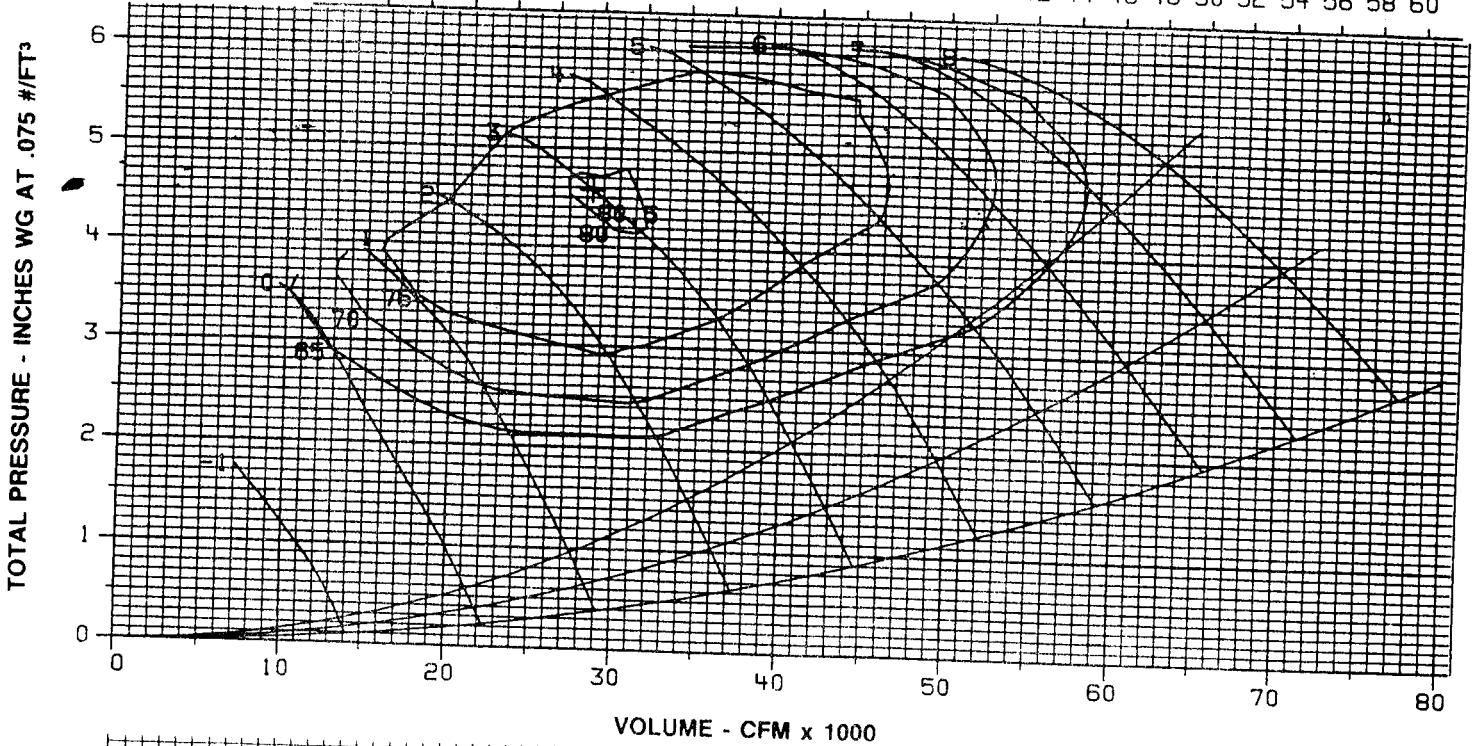
Phone 708-858-2600

PAGE 130

MOTOR	MIN.	A/4 MAX.
HP	10	75

EFFECTIVE: SEPTEMBER 2019

FAN OV, FPM/100 16 20 24 28 32 36 40 44 48 52 56 60 64 68 72 76 80 84 88
 CONE OV, FPM/100 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 4025-B6-1760

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	97	105	108	105	104	100	94	87	-1	97
	96	101	103	105	105	100	94	87	0	97
	101	104	104	106	106	101	95	88	1	98
	105	107	105	107	106	103	97	90	2	99
	105	108	106	107	105	103	97	92	3	98
	105	108	106	106	104	102	98	93	4	98
	110	113	110	110	107	103	98	93	5	100
	114	117	115	113	109	104	99	93	6	103
	117	119	117	115	112	107	100	94	7	106
119	115	117	114	110	103	95	91	8	104	
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	96	104	107	105	104	100	94	87	-1	96
	98	101	101	103	104	101	95	89	0	96
	101	104	102	103	103	100	95	88	1	96
	104	106	104	104	103	100	94	87	2	96
	104	107	104	105	104	101	96	90	3	97
	105	108	105	106	105	102	97	93	4	98
	109	111	108	109	108	103	98	94	5	100
	112	115	112	112	110	105	99	94	6	103
	113	115	113	115	112	107	100	95	7	105
113	110	116	114	110	103	95	92	8	104	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	95	101	104	104	103	100	96	88	-1	96
	94	98	99	101	101	100	97	89	0	94
	98	102	101	101	100	99	96	88	1	94
	102	105	103	101	99	98	94	88	2	93
	104	107	105	103	101	99	95	90	3	95
	107	109	106	105	103	101	97	92	4	97
	107	110	108	107	106	102	98	93	5	99
	106	110	109	110	109	104	99	94	6	101
	108	111	111	114	112	107	100	95	7	104
110	110	116	115	110	103	95	93	8	104	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 4450-B 6- 890

RPM 890

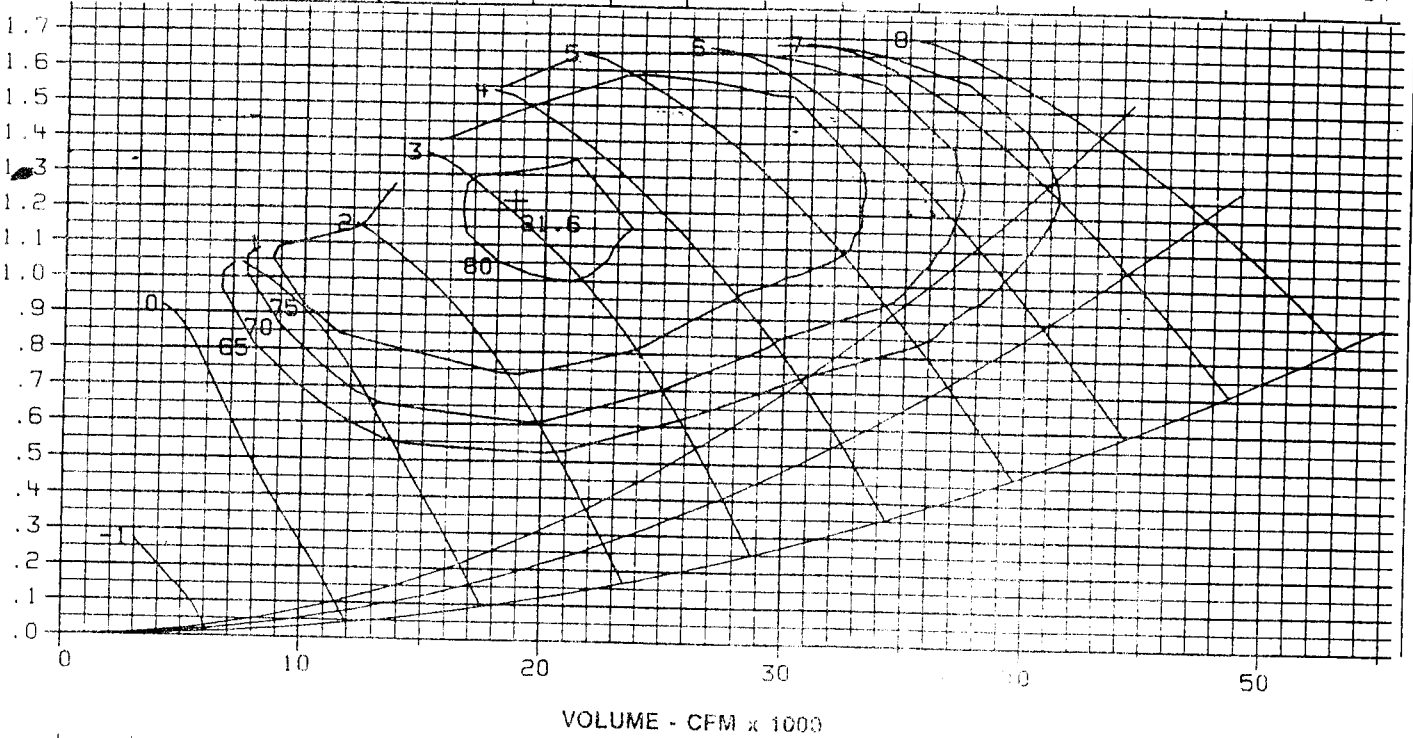
MOTOR HP	MIN.	A/4 MAX.
	2	40

PAGE 131

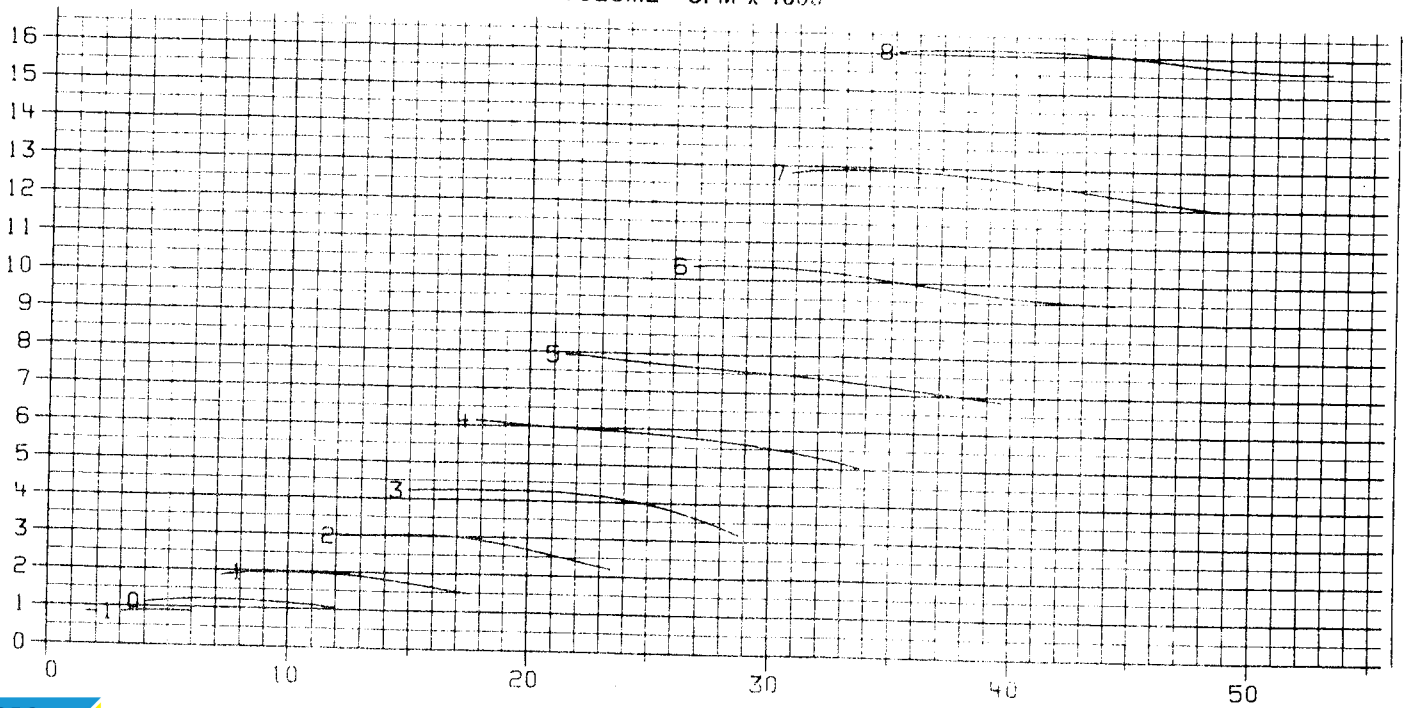
EFFECTIVE: SEPTEMBER 2019

FAN OV, FPM/100 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50
 CONE OV, FPM/100 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



HORSEPOWER



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.



1675 GLEN ELLYN ROAD
 GLENDALE HEIGHTS, ILLINOIS 60139
 Phone 708-858-2600

EFFECTIVE: SEPTEMBER 2019

PAGE 131S

FAN MODEL: 4450-B6-890

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	88	95	94	92	89	83	76	67	-1	82
	85	90	92	92	87	82	76	68	0	81
	87	90	93	93	89	83	77	70	1	82
	90	90	94	94	91	84	77	71	2	84
	90	91	94	94	91	85	79	74	3	84
	91	92	95	94	91	86	81	77	4	84
	96	96	98	95	91	86	81	77	5	85
	102	101	101	96	92	86	80	77	6	87
	104	103	103	100	95	88	82	78	7	90
110	106	108	106	101	94	86	82	8	95	
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	87	94	93	92	89	83	76	67	-1	82
	86	87	90	92	89	84	79	76	0	82
	87	88	91	91	89	83	77	72	1	81
	89	88	91	91	89	83	76	69	2	81
	89	89	93	92	89	84	78	73	3	82
	90	91	94	93	90	85	80	77	4	83
	95	95	98	96	92	86	81	78	5	86
	101	100	101	98	93	87	82	79	6	88
	101	102	104	101	95	89	83	80	7	90
106	103	108	106	101	95	87	84	8	95	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	85	91	93	91	89	84	77	67	-1	82
	82	88	91	90	88	84	77	66	0	81
	85	88	89	88	87	84	77	67	1	80
	88	88	88	86	85	83	77	68	2	78
	90	90	90	88	87	83	78	71	3	80
	92	91	92	91	88	83	78	74	4	81
	93	93	96	94	90	85	80	76	5	84
	94	96	99	97	92	87	82	79	6	87
	97	99	102	100	95	89	83	80	7	90
104	101	107	106	102	94	87	84	8	95	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 4450-B 6-1160 RPM 1160

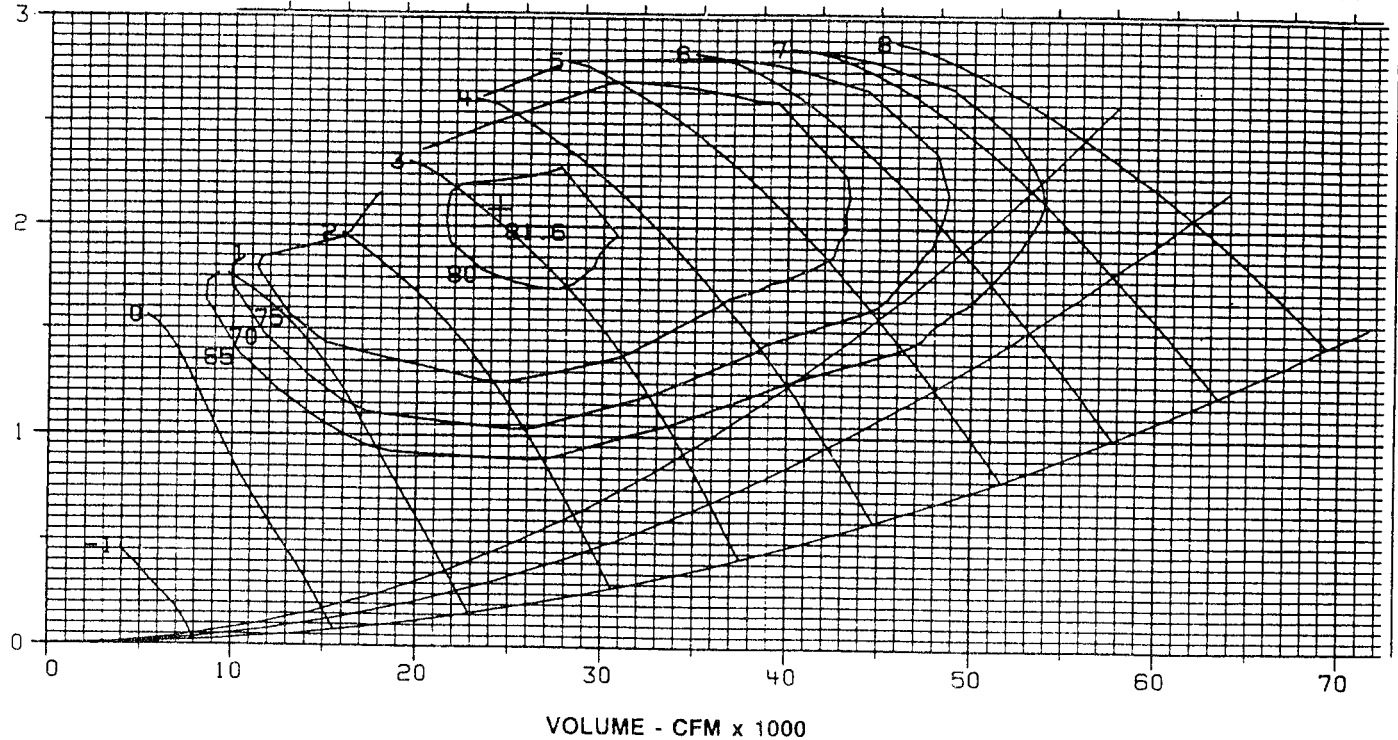
MOTOR HP	MIN.	A/4 MAX.
	5	50

PAGE 132

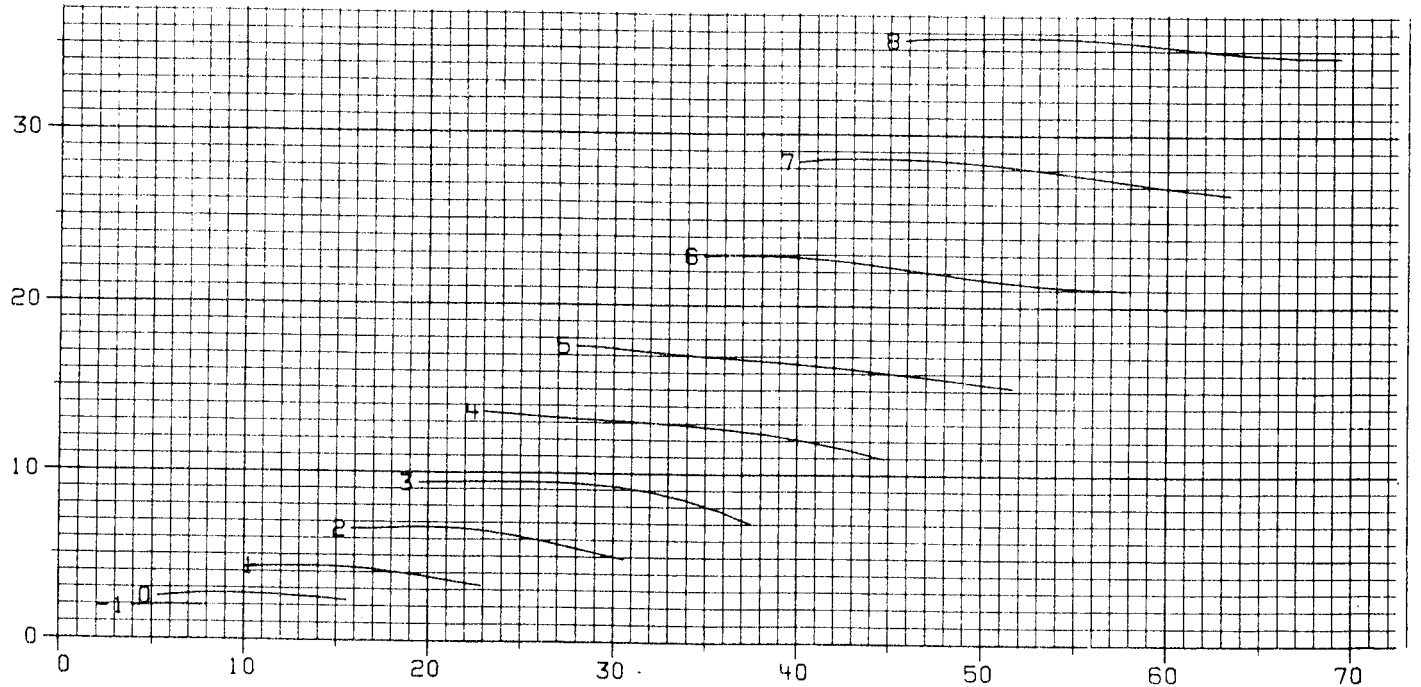
EFFECTIVE: SEPTEMBER 2019

FAN OV, FPM/100 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66
 CONE OV, FPM/100 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



HORSEPOWER



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.

BULLETIN VAV-47

FAN MODEL: 4450-B6-1160

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	90	103	99	99	96	91	85	76	-1	98
	89	95	98	99	95	90	85	77	0	88
	94	94	98	99	97	91	85	78	1	90
	98	94	99	100	99	93	85	79	2	91
	98	95	100	100	99	93	87	82	3	91
	98	96	100	100	98	94	88	84	4	91
	104	101	104	102	99	94	88	84	5	92
	110	107	108	104	99	94	87	84	6	94
	112	109	110	107	103	96	89	86	7	97
	115	110	113	111	106	99	91	87	8	100
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	89	101	99	99	96	91	85	76	-1	89
	93	93	95	98	97	91	86	83	0	89
	95	93	96	97	97	91	85	80	1	89
	97	93	97	97	97	91	84	77	2	88
	97	94	98	99	97	92	86	81	3	89
	98	95	100	100	97	93	87	84	4	90
	103	100	104	103	99	94	88	85	5	93
	109	105	108	106	101	95	89	86	6	95
	110	106	110	108	104	97	90	87	7	98
	110	107	112	110	106	99	91	88	8	100
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	88	97	99	98	96	92	86	77	-1	89
	87	91	97	96	94	92	87	76	0	88
	91	93	96	94	93	91	86	77	1	86
	95	94	94	92	92	90	86	77	2	85
	97	95	96	95	93	91	86	99	3	87
	99	97	98	97	95	91	86	82	4	88
	100	98	101	101	98	93	87	84	5	91
	101	100	104	105	100	95	89	86	6	94
	104	103	108	108	103	97	90	87	7	97
	108	106	112	111	106	99	91	89	8	100

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

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VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
A



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

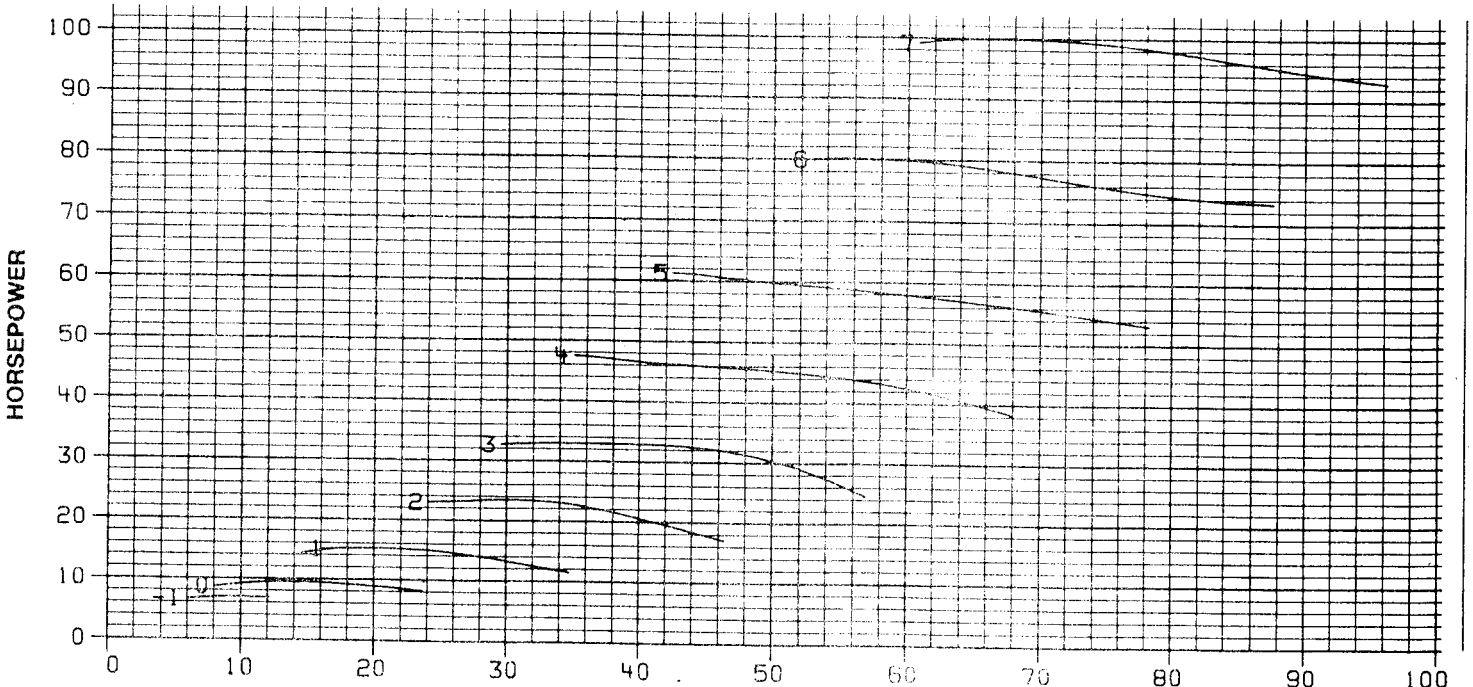
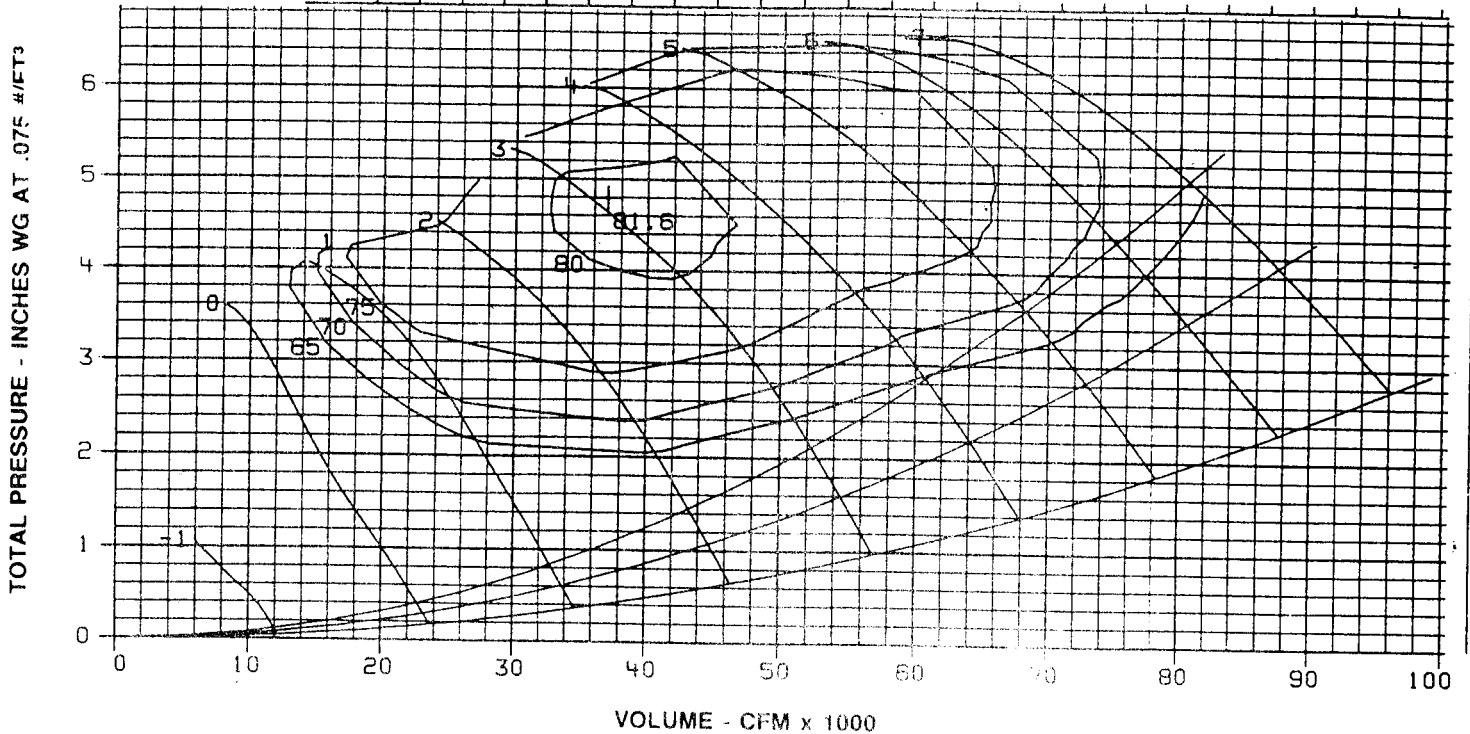
SIZE 4450-B 6-1760 RPM 1760

MOTOR HP	MIN.	A/4 MAX.
		10

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EFFECTIVE: SEPTEMBER 2019

FAN OV, FPM/100 16 20 24 28 32 36 40 44 48 52 56 60 64 68 72 76 80 84 88 92
 CONE OV, FPM/100 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 4450-B6-1760

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	97	106	111	108	107	103	98	91	-1	100
	96	102	106	107	106	102	97	90	0	99
	101	105	106	108	107	104	98	91	1	100
	105	107	106	109	109	106	99	92	2	101
	106	108	106	109	109	106	100	94	3	101
	106	108	107	109	109	106	101	95	4	101
	111	114	112	112	110	106	100	95	5	103
	117	120	117	115	111	106	100	95	6	105
120	122	119	118	113	109	103	97	7	108	
								8		
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	96	105	110	108	108	103	98	91	-1	100
	100	104	103	105	105	104	98	94	0	99
	102	105	104	105	105	106	98	92	1	99
	104	106	104	106	106	106	97	91	2	98
	105	107	105	107	107	104	99	93	3	100
	105	108	106	109	109	105	100	95	4	101
	111	113	111	113	113	106	101	99	5	103
	116	118	116	116	116	108	102	97	6	106
117	119	117	118	118	110	103	98	7	108	
								8		
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	96	102	107	108	107	103	99	91	-1	99
	94	100	103	106	106	103	99	91	0	98
	98	103	104	104	104	101	98	91	1	97
	102	105	104	102	102	100	98	91	2	95
	104	107	105	105	105	101	98	92	3	97
	107	109	107	107	107	102	98	93	4	99
	107	110	109	110	110	105	100	95	5	101
	108	111	112	114	114	107	101	97	6	104
112	115	115	117	117	110	103	98	7	107	
								8		

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
6



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139

Phone 708-858-2600

PAGE 133A

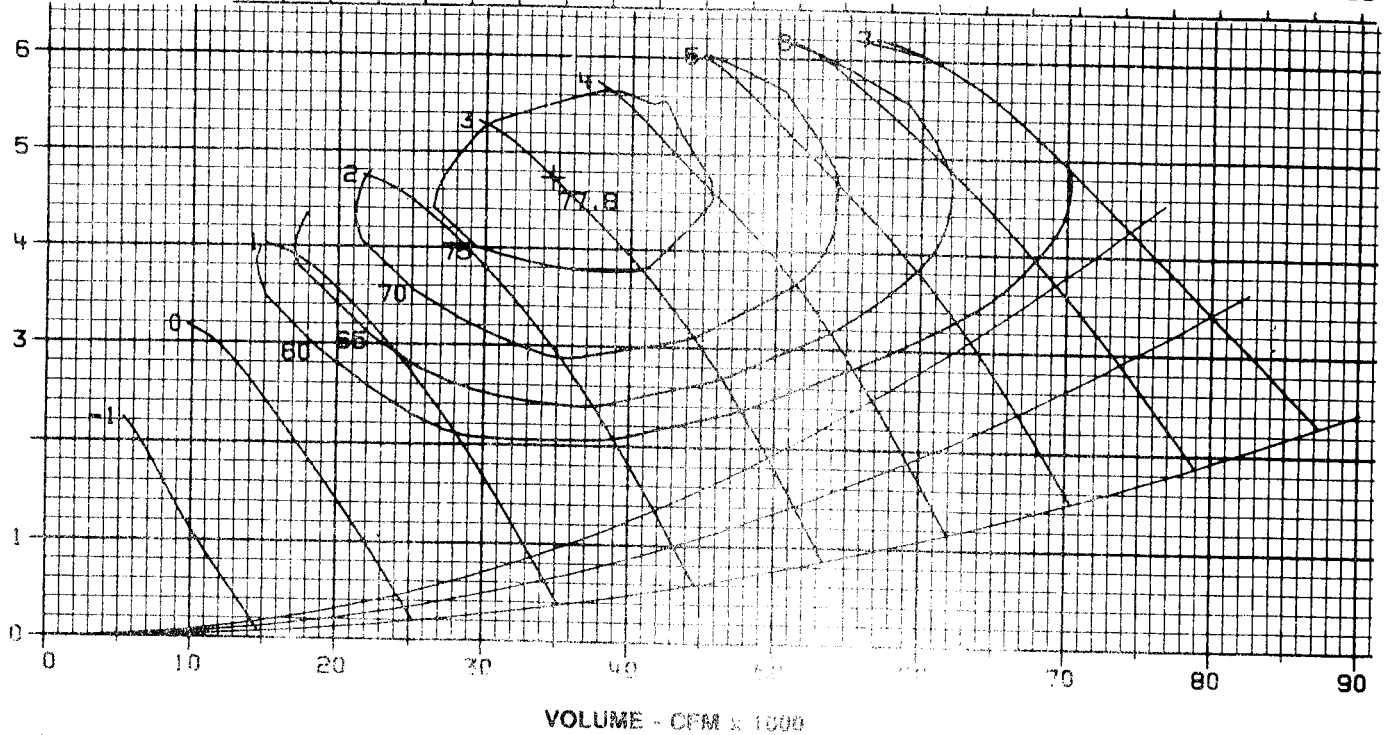
EFFECTIVE: SEPTEMBER 2019

SIZE 4450-LB 6-1750 RPM 1750

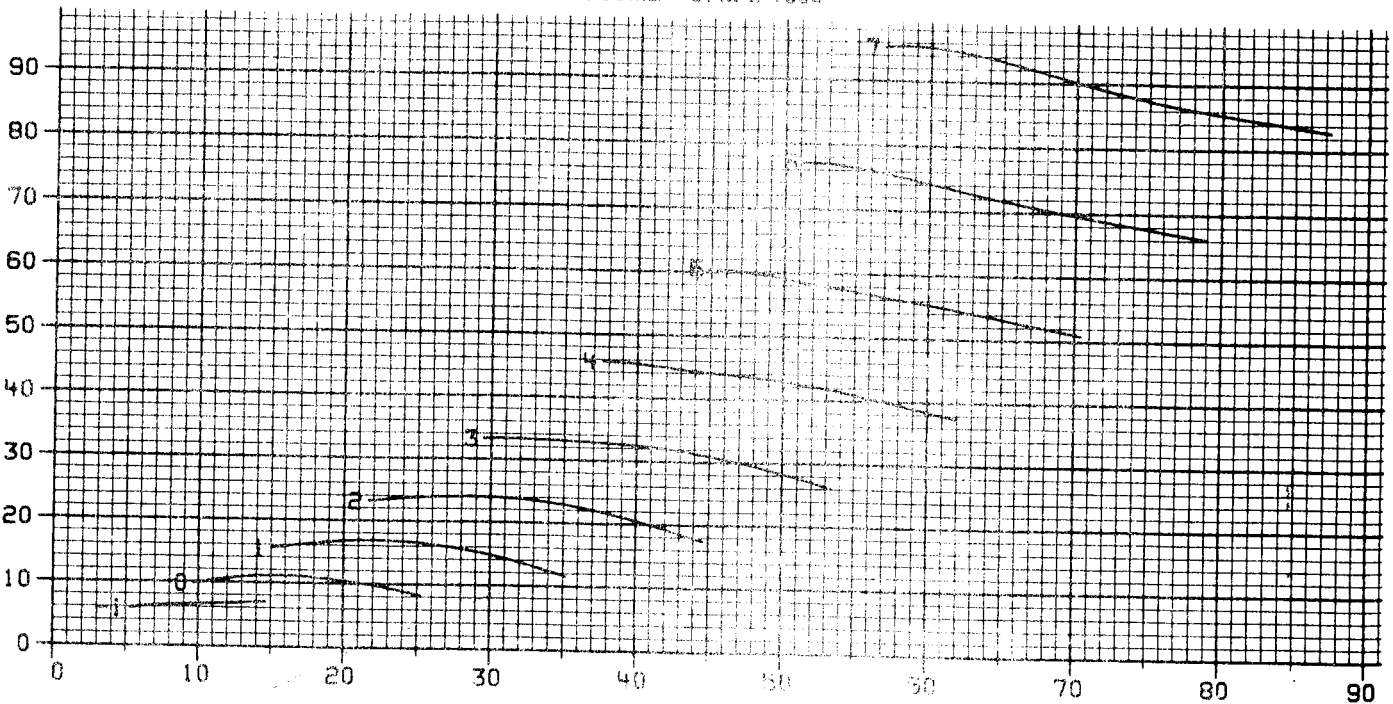
MOTOR HP	MIN.	A/4 MAX.
	10	100

FAN OV. FPM/100 16 20 24 28 32 36 40 44 48 52 56 60 64 68 72 76 80 84
 CONE OV. FPM/100 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



HORSEPOWER



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 4450-LB6-1760

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	99	105	108	106	103	102	97	90	-1	98
	100	106	108	107	104	101	96	91	0	98
	102	107	108	108	104	101	96	91	1	98
	103	107	109	108	104	101	96	91	2	98
	105	108	109	109	104	101	96	91	3	98
	106	109	109	109	104	101	96	91	4	99
	108	111	111	111	107	103	97	92	5	101
	109	109	114	113	109	104	99	93	6	103
111	111	115	112	112	106	100	95	7	104	
								8		
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	99	106	110	107	104	102	97	90	-1	98
	100	106	110	107	104	101	96	90	0	98
	101	107	109	107	104	101	96	90	1	98
	102	107	109	107	103	100	96	90	2	98
	103	108	108	108	103	100	95	90	3	98
	105	108	108	108	103	99	95	90	4	98
	106	109	110	110	106	102	97	92	5	100
	107	107	112	113	109	104	98	93	6	102
108	108	114	111	111	106	100	95	7	103	
								8		
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	98	105	109	108	105	102	97	88	-1	99
	99	105	109	108	105	102	97	89	0	98
	100	106	109	107	104	101	97	90	1	98
	101	106	108	107	103	101	97	90	2	97
	102	107	108	106	102	100	97	91	3	97
	103	107	108	106	102	99	97	92	4	97
	104	108	109	108	104	102	98	92	5	98
	105	107	109	110	107	104	98	93	6	100
106	107	111	109	110	106	99	94	7	102	
								8		

THE SOUND POWER LEVEL RATINGS SHOWN are decibels referred to 10^{-12} watt and were obtained in accordance with AMCA Standard 300, Test Setup Number B. Values shown are sound power level at the fan inlet.

THE SOUND PRESSURE RATINGS SHOWN are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 ft.



VAV

VANEAXIAL FAN
ADJUSTABLE PITCH
CONTROLLABLE PITCH

ARRANGEMENT	4
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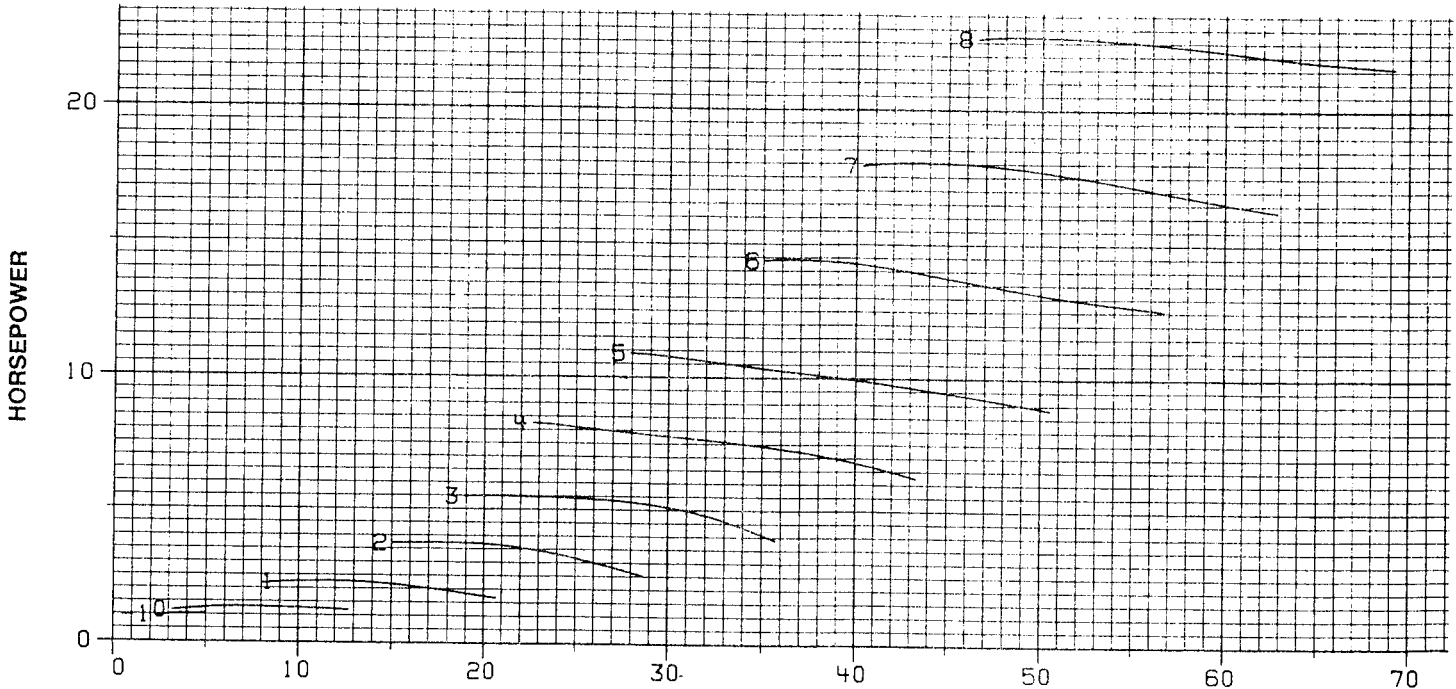
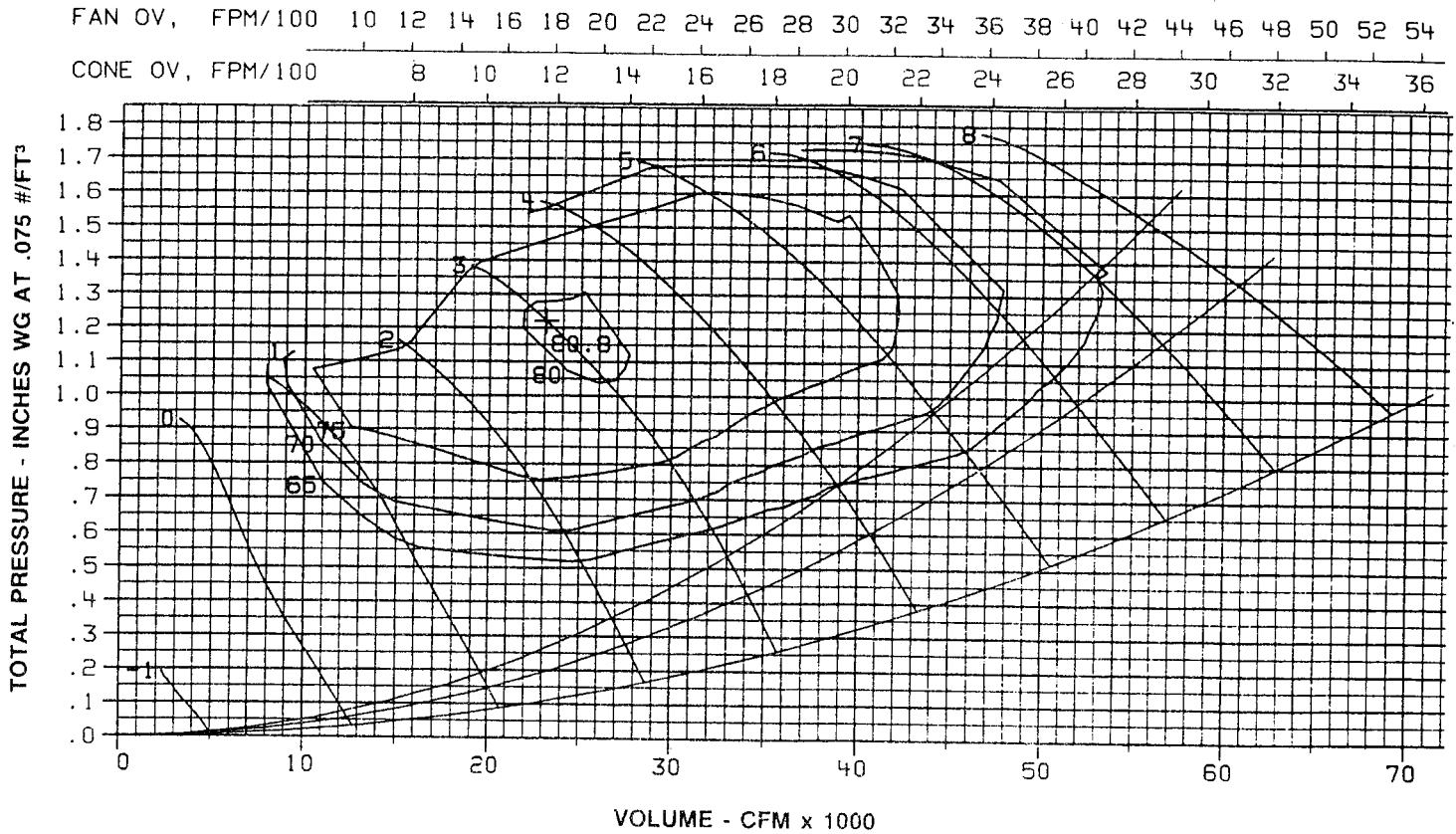
1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE	4900-B 6- 890
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RPM	890
-----	-----

MOTOR	MIN.	A/4 MAX.
HP	2	40

PAGE 134
EFFECTIVE: SEPTEMBER 2019



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 4900-B6-890

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	99	99	97	96	92	87	80	70	-1	86
	87	94	94	93	90	85	79	72	0	83
	89	91	94	94	92	86	79	72	1	84
	90	90	95	96	93	86	80	73	2	86
	91	91	96	97	94	87	81	76	3	87
	92	93	98	98	95	89	83	79	4	88
	99	98	100	98	94	88	82	79	5	88
	105	103	103	98	93	87	82	79	6	89
	108	105	106	102	97	90	84	81	7	92
114	108	111	109	104	97	89	85	8	98	
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	89	97	97	95	92	87	80	70	-1	85
	89	90	92	94	92	87	84	83	0	84
	89	89	92	94	92	86	81	78	1	84
	90	89	93	94	92	85	79	72	2	84
	91	90	95	95	93	86	80	75	3	85
	91	92	97	97	93	87	82	78	4	86
	98	98	101	99	95	89	83	80	5	89
	105	104	105	101	96	90	84	81	6	91
	107	105	107	104	99	92	86	83	7	93
111	107	111	109	105	98	90	87	8	99	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	87	95	96	95	92	87	80	71	-1	85
	84	92	96	93	91	87	79	68	0	84
	86	90	92	91	89	86	80	70	1	82
	88	88	89	88	88	86	80	72	2	81
	90	90	92	91	89	85	80	74	3	82
	90	92	94	93	90	85	80	76	4	83
	94	95	98	97	92	87	82	78	5	86
	96	98	102	100	95	89	84	81	6	90
	101	102	106	103	98	92	86	83	7	93
110	106	111	109	105	98	90	87	8	99	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV

VANEAXIAL FAN
ADJUSTABLE PITCH
CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 4900-B 6-1160

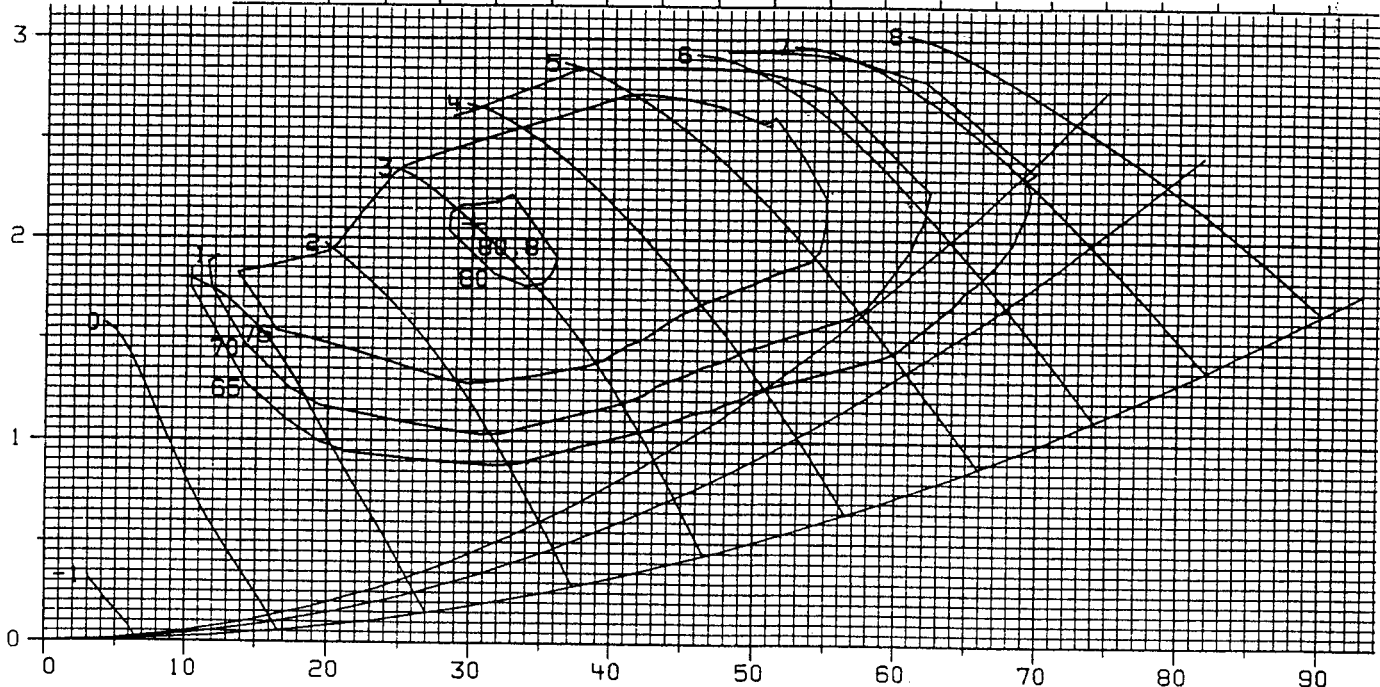
RPM 1160

MOTOR HP	MIN.	A/4 MAX.
	5	50

PAGE 135
EFFECTIVE: SEPTEMBER 2019

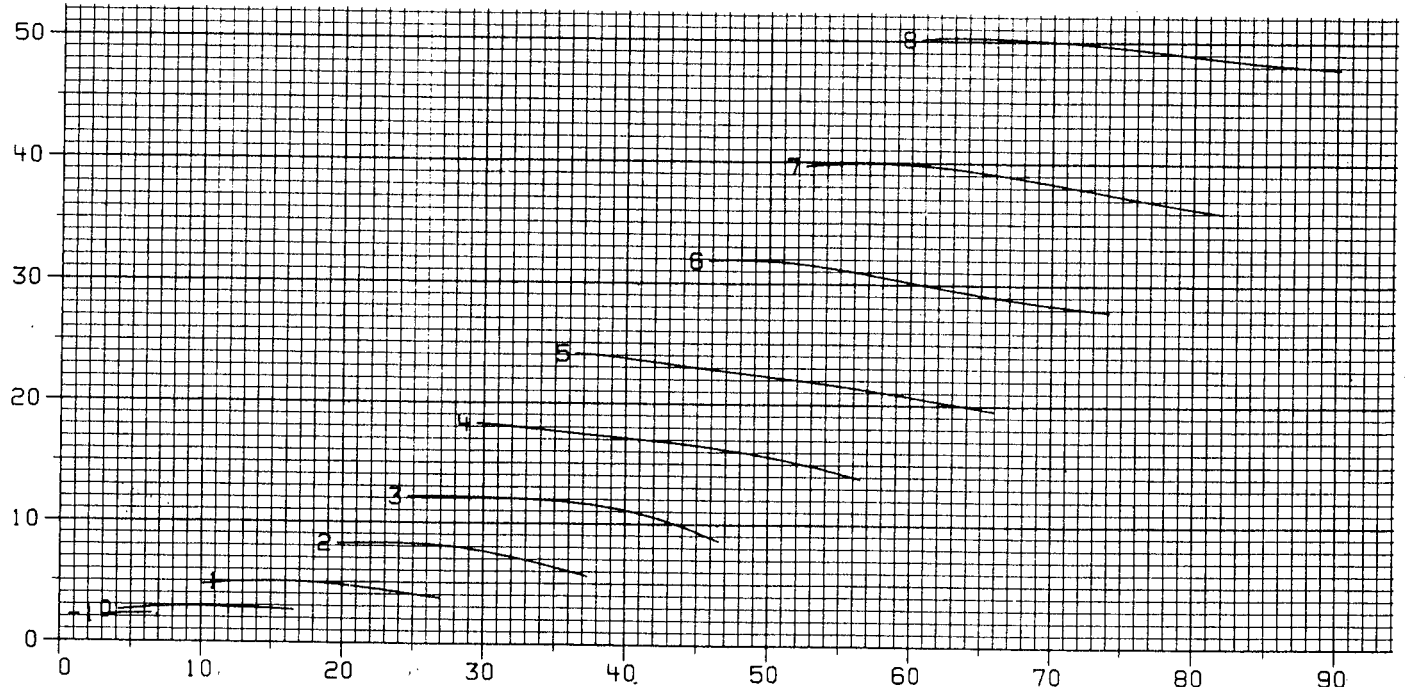
FAN OV, FPM/100 16 20 24 28 32 36 40 44 48 52 56 60 64 68
CONE OV, FPM/100 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



VOLUME - CFM x 1000

HORSEPOWER



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 4900-B6-1160

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	91	105	103	102	102	95	89	80	-1	93
	90	98	100	100	100	93	88	80	0	90
	95	96	100	101	101	94	88	81	1	92
	99	94	100	102	102	94	88	81	2	93
	99	95	101	103	103	96	89	84	3	94
	100	97	103	104	104	97	90	86	4	95
	107	103	107	100	105	96	89	86	5	95
	114	108	110	106	106	95	89	86	6	96
	116	111	113	110	110	98	91	88	7	100
119	113	116	114	114	102	94	90	8	103	
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	90	103	103	102	99	95	89	80	-1	92
	96	95	97	99	100	94	90	89	0	91
	97	94	97	99	100	94	89	85	1	91
	98	93	98	100	100	94	87	80	2	92
	99	95	100	101	100	95	88	83	3	92
	99	96	102	103	101	96	89	85	4	93
	106	102	107	106	102	97	90	87	5	96
	113	109	112	109	104	98	91	88	6	99
	115	110	114	111	107	100	93	90	7	101
116	111	116	113	109	103	95	91	8	103	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	90	100	103	101	99	95	89	80	-1	92
	88	95	103	99	97	95	89	78	0	91
	92	94	99	97	96	94	89	79	1	89
	96	94	96	94	94	93	89	87	2	88
	98	95	98	97	95	93	88	82	3	89
	100	97	100	100	97	93	87	83	4	90
	102	99	104	104	100	95	89	86	5	94
	103	102	108	108	104	97	91	88	6	97
	109	106	112	111	107	100	93	90	7	100
115	111	116	114	110	102	95	91	8	103	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



FAN MODEL: 4900-B6-1760

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	98	107	114	112	110	107	101	94	-1	103
	97	104	109	109	108	104	100	94	0	101
	102	105	107	109	109	106	100	94	1	102
	106	107	106	109	111	108	101	94	2	103
	107	108	107	111	112	109	102	96	3	104
	107	109	109	113	113	109	103	98	4	105
	114	115	114	115	113	109	103	97	5	106
	121	122	119	118	113	108	102	97	6	107
	124	124	121	121	117	112	105	99	7	111
								8		
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	97	106	113	112	110	107	101	94	-1	103
	103	106	105	107	108	106	101	99	0	101
	104	106	105	107	109	107	101	96	1	101
	105	106	105	108	109	107	100	94	2	101
	106	107	106	110	110	107	101	95	3	102
	106	108	108	111	111	108	102	97	4	103
	114	115	114	116	114	109	103	98	5	106
	121	122	120	120	116	111	104	99	6	110
	122	123	121	122	119	113	106	101	7	112
								8		
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	97	104	111	111	109	107	102	95	-1	102
	96	101	108	110	108	105	101	94	0	101
	99	103	106	107	105	104	101	94	1	99
	103	105	104	104	103	103	101	98	2	97
	105	107	106	107	105	103	100	95	3	99
	108	109	108	109	108	104	99	94	4	101
	109	111	111	113	111	107	102	97	5	104
	110	113	114	117	115	110	104	99	6	107
	116	118	118	120	118	113	106	101	7	111
								8		

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1875 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

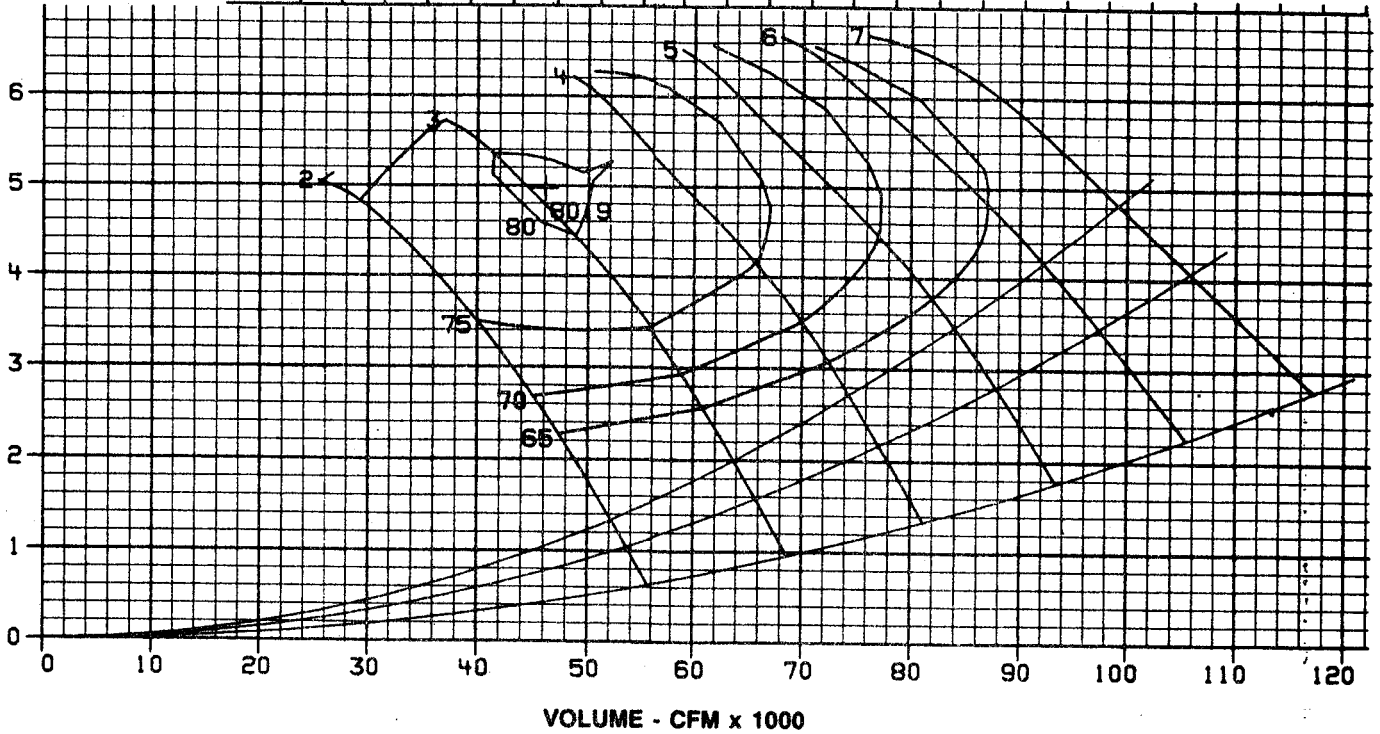
SIZE 4900-LB 6 -1760 RPM 1760

MOTOR HP	MIN.	A/4 MAX.
	15	125

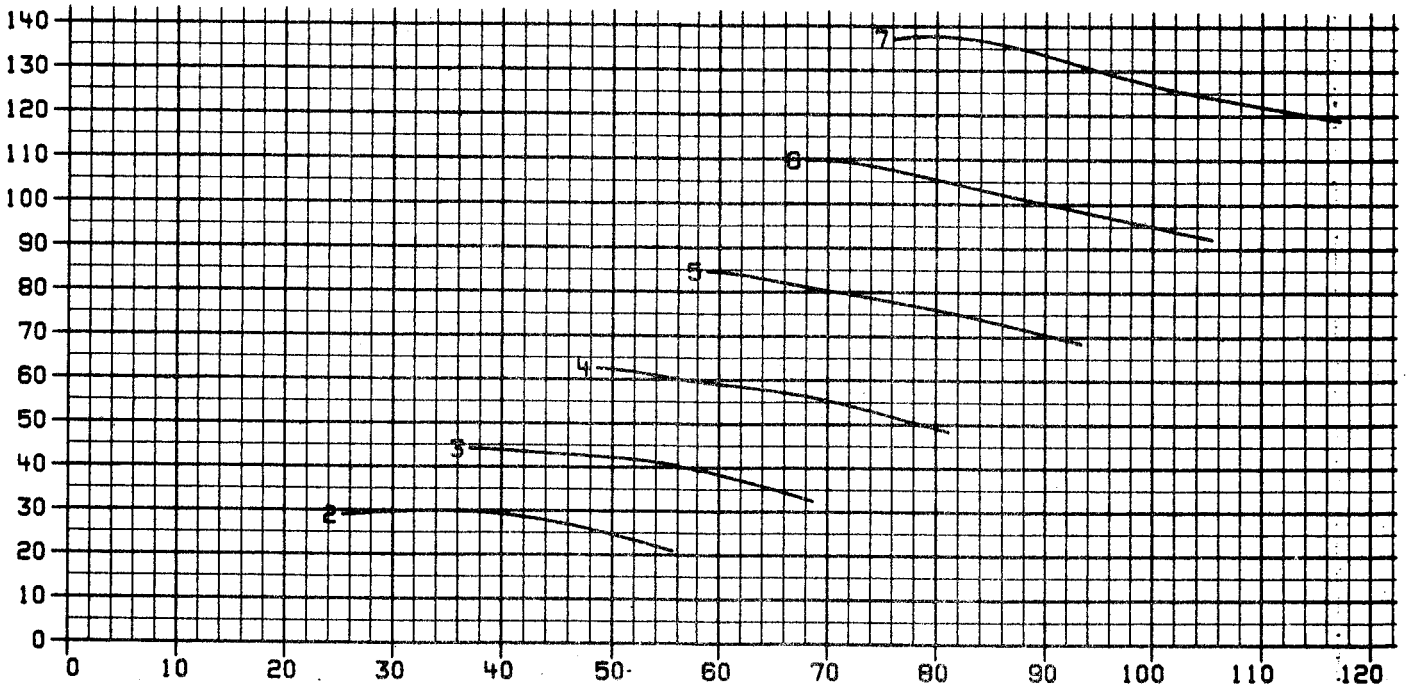
PAGE 136A
EFFECTIVE: SEPTEMBER 2019

FAN OV, 16 20 24 28 32 36 40 44 48 52 56 60 64 68 72 76 80 84 88 92
CONE OV, FPM/100 12 14 16 18 20 22 24 26 28 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



HORSEPOWER



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

BULLETIN VAV-47

FAN MODEL: 4900-LB6-1760

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA	
Octave Band:	1	2	3	4	5	6	7	8			
Center Frequency:	63	125	250	500	1000	2000	4000	8000			
TP/VP											
HIGH High point is read at peak of curve at maximum total pressure									-2		
									-1		
									0		
									1		
		101	105	107	109	107	105	100	93	2	100
		103	106	108	109	107	104	99	93	3	100
		104	107	108	110	106	103	98	92	4	100
		107	110	112	114	109	105	100	94	5	103
		110	111	117	113	109	103	96	93	6	103
	114	114	121	116	111	105	98	94	7	106	
									8		
MEDIUM Medium point is read at average TP/VP of low and high points									-2		
									-1		
									0		
									1		
		101	105	108	110	110	107	99	92	2	102
		102	106	108	110	108	105	98	92	3	101
		103	106	108	109	105	102	97	92	4	99
		105	108	111	112	109	105	99	94	5	102
		108	108	115	112	108	102	95	91	6	102
	110	110	119	115	111	104	97	94	7	105	
									8		
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2		
									-1		
									0		
									1		
		100	105	107	103	103	102	99	94	2	98
		101	105	108	103	103	102	99	94	3	98
		102	106	108	104	104	102	99	94	4	98
		104	108	110	107	107	104	100	95	5	101
		106	106	113	108	108	102	96	91	6	101
	107	108	115	111	111	104	96	93	7	104	
									8		

THE SOUND POWER LEVEL RATINGS SHOWN are decibels referred to 10⁻¹² watt and were obtained in accordance with AMCA Standard 300, Test Setup Number B. Values shown are sound power level at the fan inlet.

THE SOUND PRESSURE RATINGS SHOWN are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 ft.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

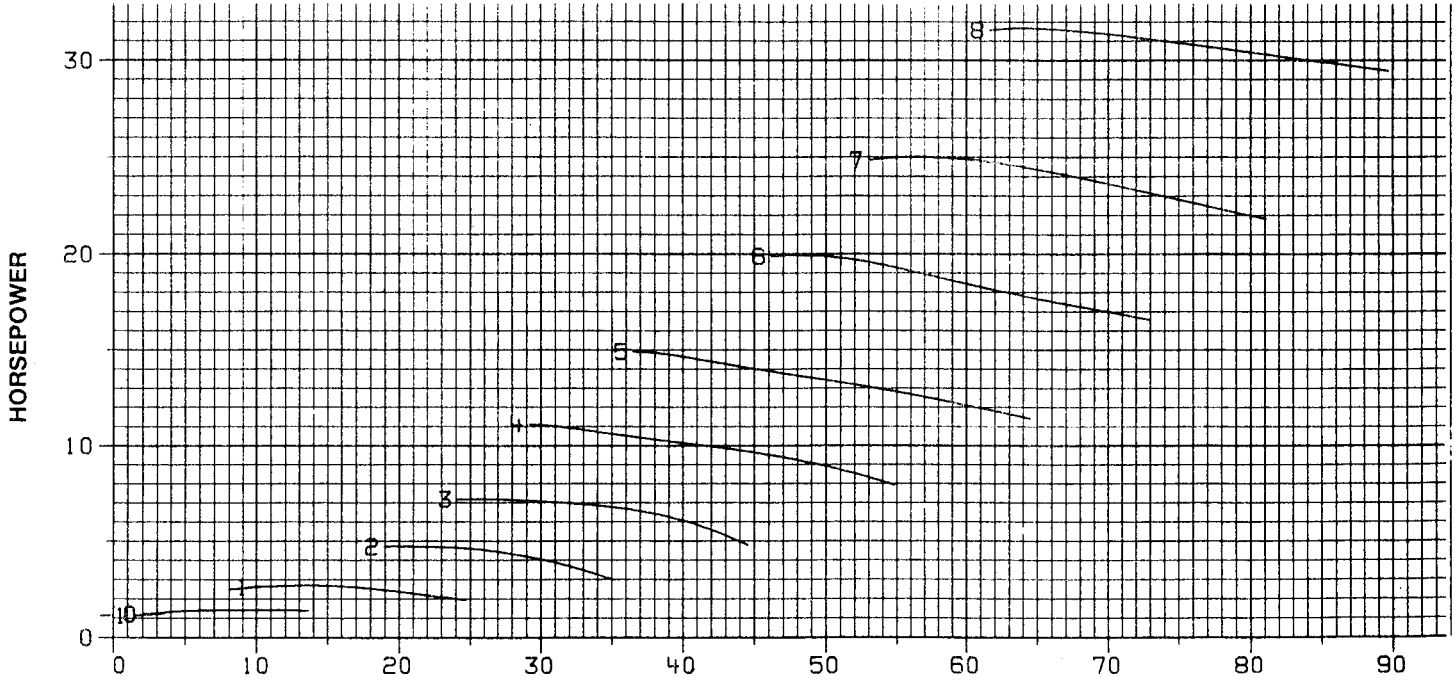
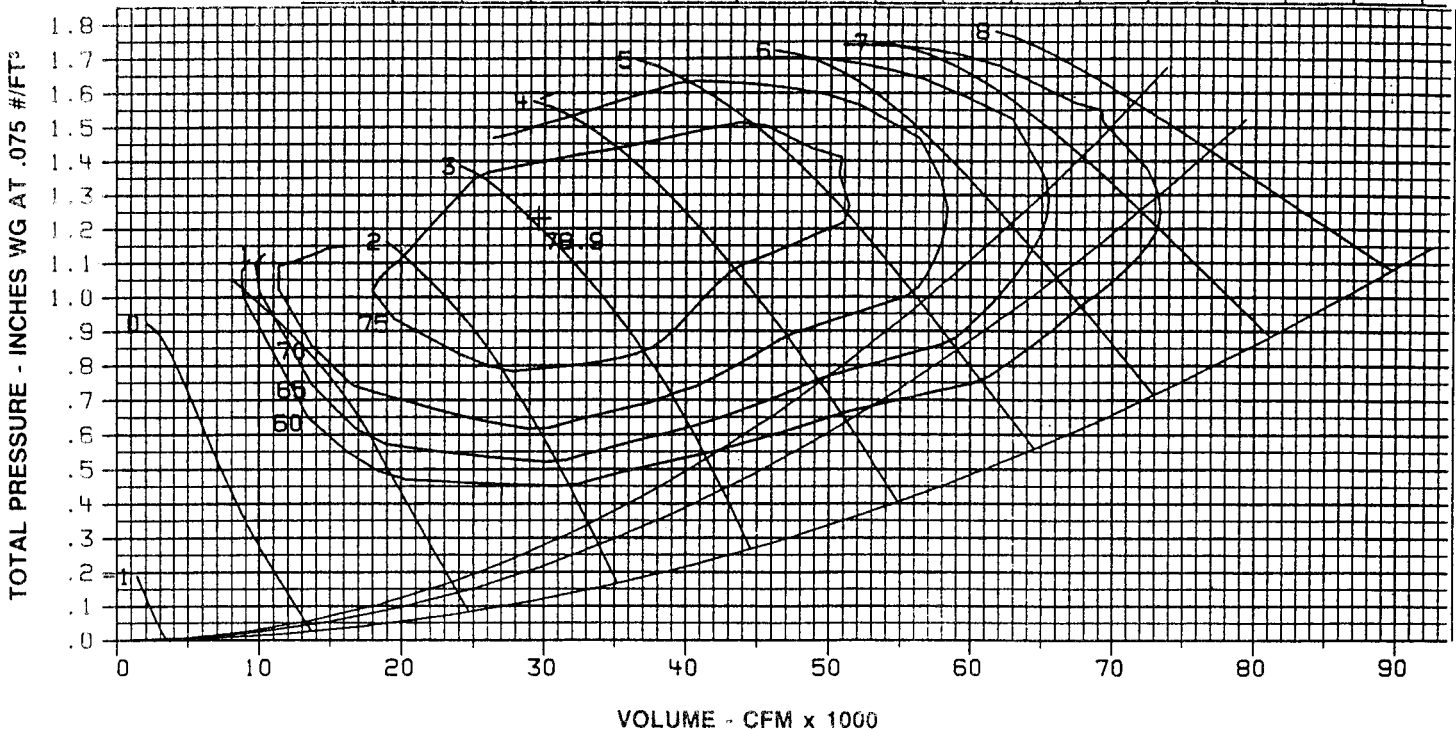
SIZE 5425-B 6- 890 RPM 890

MOTOR HP	MIN.	A/4 MAX.
	3	40

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EFFECTIVE: SEPTEMBER 2019

FAN OV, FPM/100 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58
 CONE OV, FPM/100 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

BULLETIN VAV-47

FAN MODEL: 5425-B6-890

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	91	101	101	99	96	91	84	74	-1	89
	88	96	96	94	92	88	83	76	0	85
	89	93	96	96	94	88	82	75	1	87
	90	89	95	98	96	88	82	75	2	88
	91	92	98	100	97	90	83	78	3	90
	92	94	101	102	88	91	85	81	4	91
	100	100	103	101	97	90	84	81	5	91
	108	105	105	101	95	89	84	81	6	91
	110	107	109	105	99	92	87	84	7	95
117	110	114	113	108	100	92	88	8	102	
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	89	100	100	98	95	90	84	74	-1	89
	91	92	94	96	95	90	89	82	0	88
	90	91	94	97	95	89	86	83	1	87
	89	89	95	98	96	89	82	75	2	88
	90	91	97	89	96	89	83	77	3	88
	91	93	99	100	96	90	84	80	4	89
	100	101	104	102	98	91	85	82	5	92
	109	108	109	104	94	92	87	84	6	95
	111	110	111	107	102	95	89	86	7	97
116	111	115	112	109	102	94	90	8	102	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	89	99	100	98	95	90	83	74	-1	89
	86	96	101	96	93	89	81	69	0	87
	87	92	96	93	92	89	83	73	1	85
	88	89	91	90	90	89	84	75	2	89
	90	90	94	93	91	88	83	76	3	89
	92	92	97	95	91	86	81	77	4	85
	95	97	101	99	95	89	84	80	5	89
	97	101	106	104	99	92	87	84	6	93
	105	106	109	107	102	95	89	86	7	96
116	111	115	112	109	102	94	90	8	102	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 5425-B 6-1160

RPM 1160

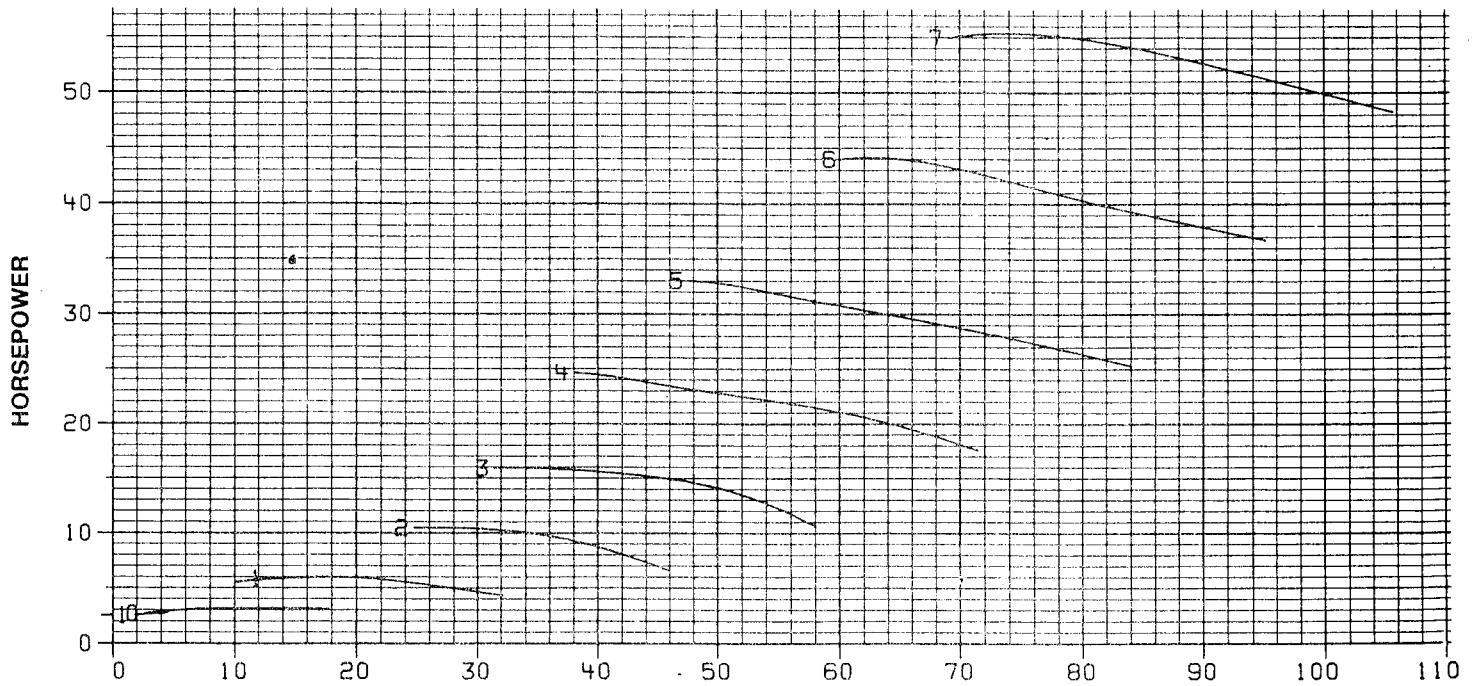
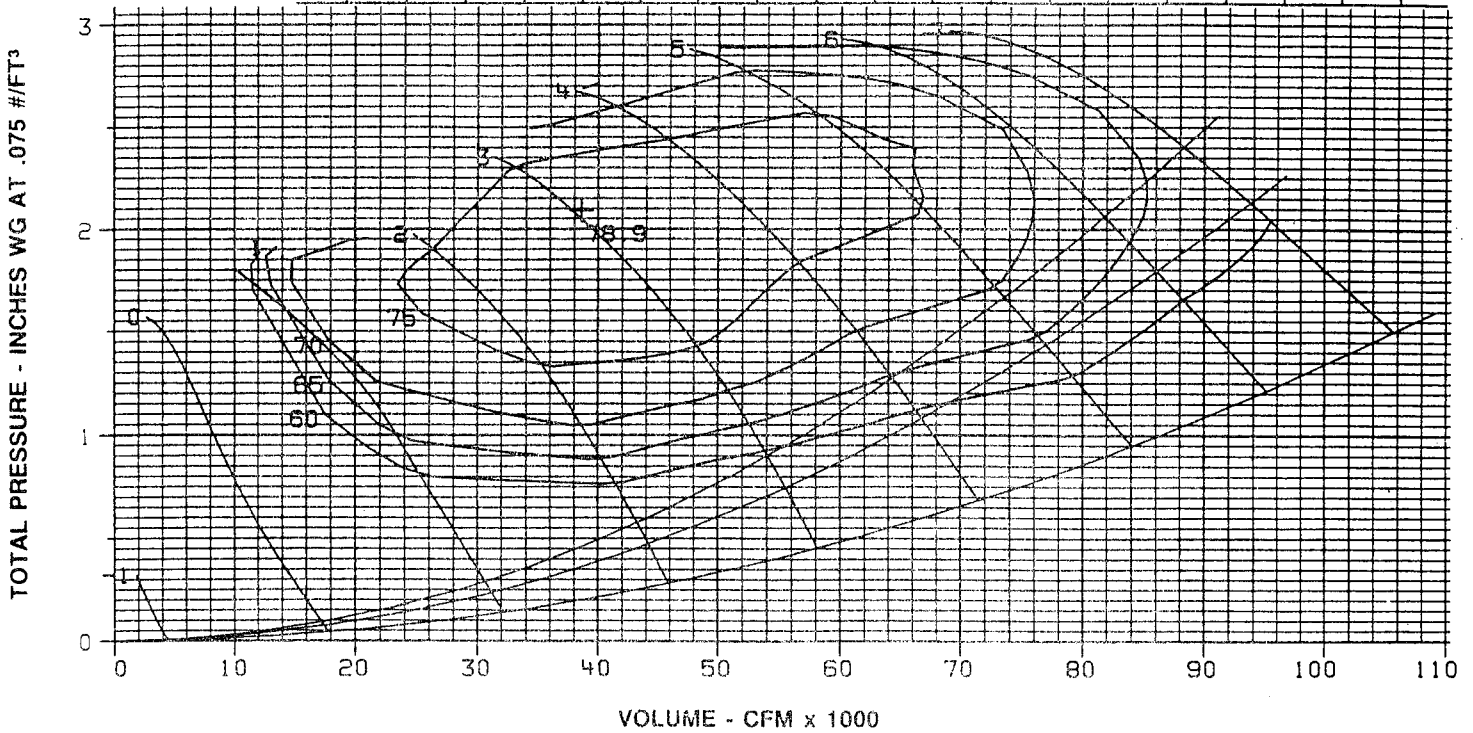
MOTOR HP	MIN.	A/4 MAX.
	5	50

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EFFECTIVE: SEPTEMBER 2019

FAN OV, FPM/100 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68

CONE OV, FPM/100 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

BULLETIN VAV-47

FAN MODEL: 5425-B6-1160

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	91	107	107	105	103	98	94	84	-1	96
	90	102	103	100	99	95	92	84	0	92
	94	97	101	102	102	96	91	84	1	94
	98	93	100	103	105	96	90	83	2	96
	99	95	103	106	106	98	91	88	3	97
	100	97	106	108	107	100	92	88	4	99
	108	104	109	108	105	98	91	88	5	98
	117	110	113	108	103	97	91	88	6	98
119	113	116	113	108	101	94	91	7	102	
								8		
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	90	105	107	105	103	98	93	83	-1	96
	98	97	99	100	103	96	94	97	0	94
	98	95	99	101	104	97	92	90	1	95
	98	93	99	103	104	97	91	83	2	95
	98	94	102	104	104	97	91	85	3	96
	99	96	104	106	104	98	91	87	4	96
	108	105	110	109	106	99	93	89	5	99
	117	113	116	112	108	101	94	91	6	102
119	115	118	114	110	103	96	93	7	104	
								8		
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	90	103	107	104	103	98	93	83	-1	96
	88	98	109	103	101	97	91	80	0	95
	92	96	103	99	99	96	92	82	1	92
	95	93	97	96	96	96	93	84	2	90
	98	95	99	99	98	95	91	84	3	91
	100	97	102	103	99	94	88	84	4	92
	102	100	107	107	103	97	91	87	5	96
	104	104	112	111	107	100	94	91	6	100
112	110	116	114	110	103	96	93	7	104	
								8		

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 5425-LB 6 -1160

RPM 1160

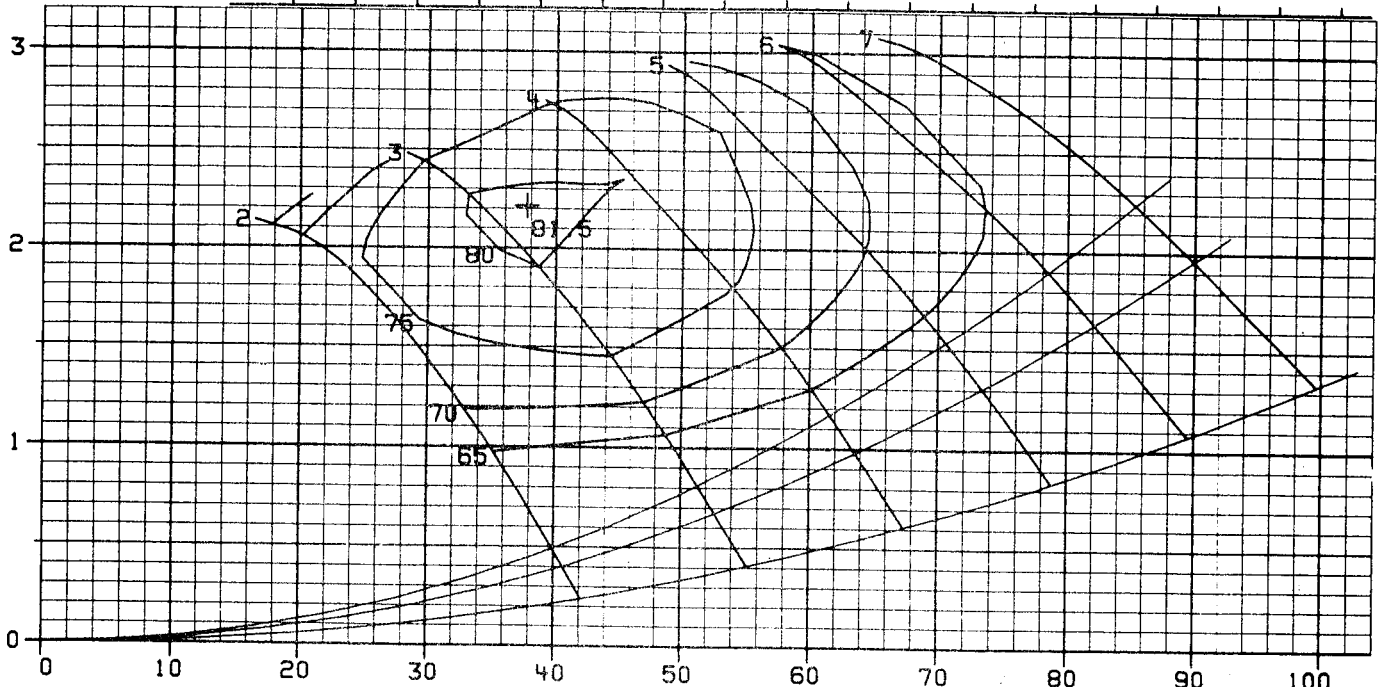
MOTOR	MIN.	A/4 MAX.
HP	5	60

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EFFECTIVE: SEPTEMBER 2019

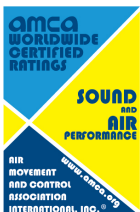
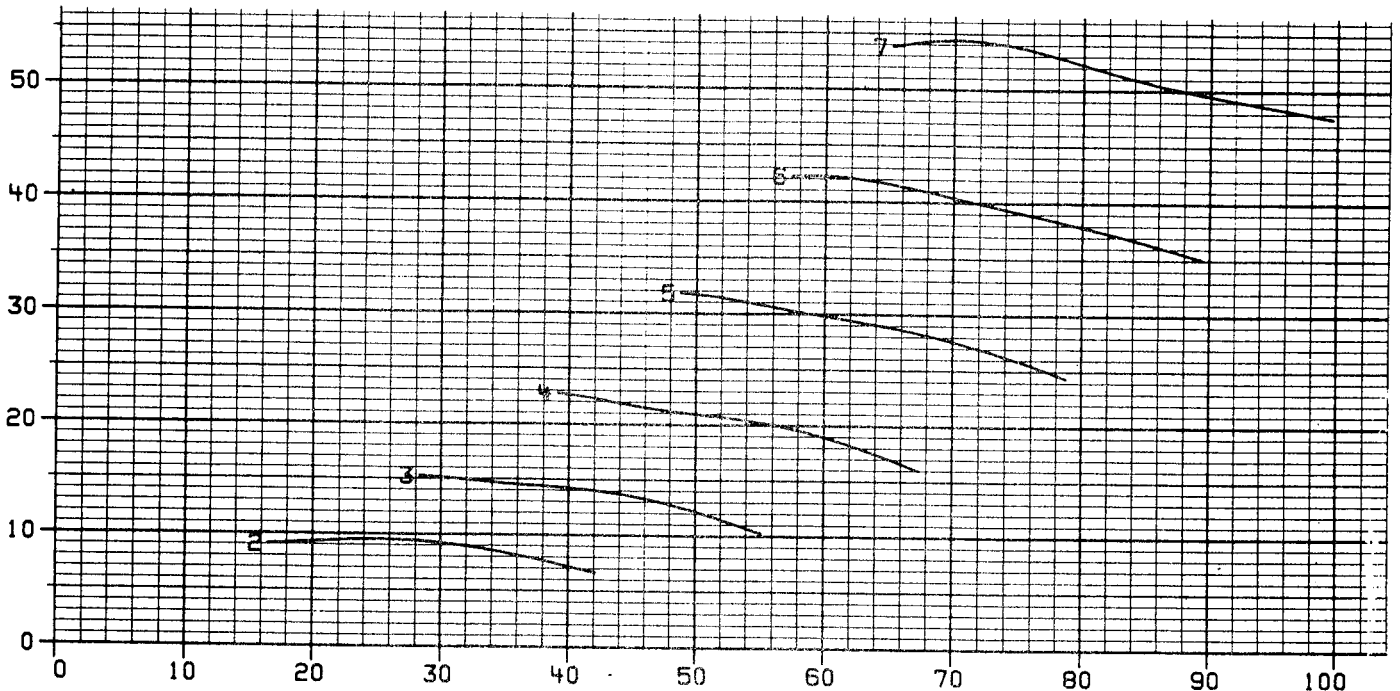
FAN OV, FPM/100 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64
 CONE OV, FPM/100 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



VOLUME - CFM x 1000

HORSEPOWER



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

BULLETIN VAV-47

FAN MODEL: 5425-LB6-1160

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
									-1	
									0	
									1	
	91	94	100	101	104	97	90	81	2	95
	92	94	101	100	101	95	88	81	3	92
	93	94	103	99	98	93	87	81	4	91
	98	99	108	104	101	96	90	84	5	95
	103	105	114	109	105	100	92	88	6	100
108	111	120	114	109	103	95	91	7	105	
									8	
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
									-1	
									0	
									1	
	91	94	103	107	111	99	88	80	2	101
	92	94	103	103	104	96	87	81	3	95
	92	94	103	99	97	93	87	81	4	90
	96	98	107	103	101	96	89	84	5	94
	99	102	111	108	105	98	91	86	6	98
103	106	116	114	109	101	93	89	7	102	
									8	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
									-1	
									0	
	90	95	97	93	94	92	93	80	1	
	91	96	100	95	95	92	92	81	2	88
	93	96	103	97	96	93	91	83	3	89
	95	98	106	102	100	95	91	85	4	90
	98	100	109	106	105	98	92	87	5	93
	100	102	112	110	109	101	92	89	6	97
									7	
									8	

THE SOUND POWER LEVEL RATINGS SHOWN are decibels referred to 10⁻¹² watt and were obtained in accordance with AMCA Standard 300, Test Setup Number B. Values shown are sound power level at the fan inlet.

THE SOUND PRESSURE RATINGS SHOWN are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 ft.



VAV

VANEAXIAL FAN
ADJUSTABLE PITCH
CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 5425-B 6-1760

RPM 1760

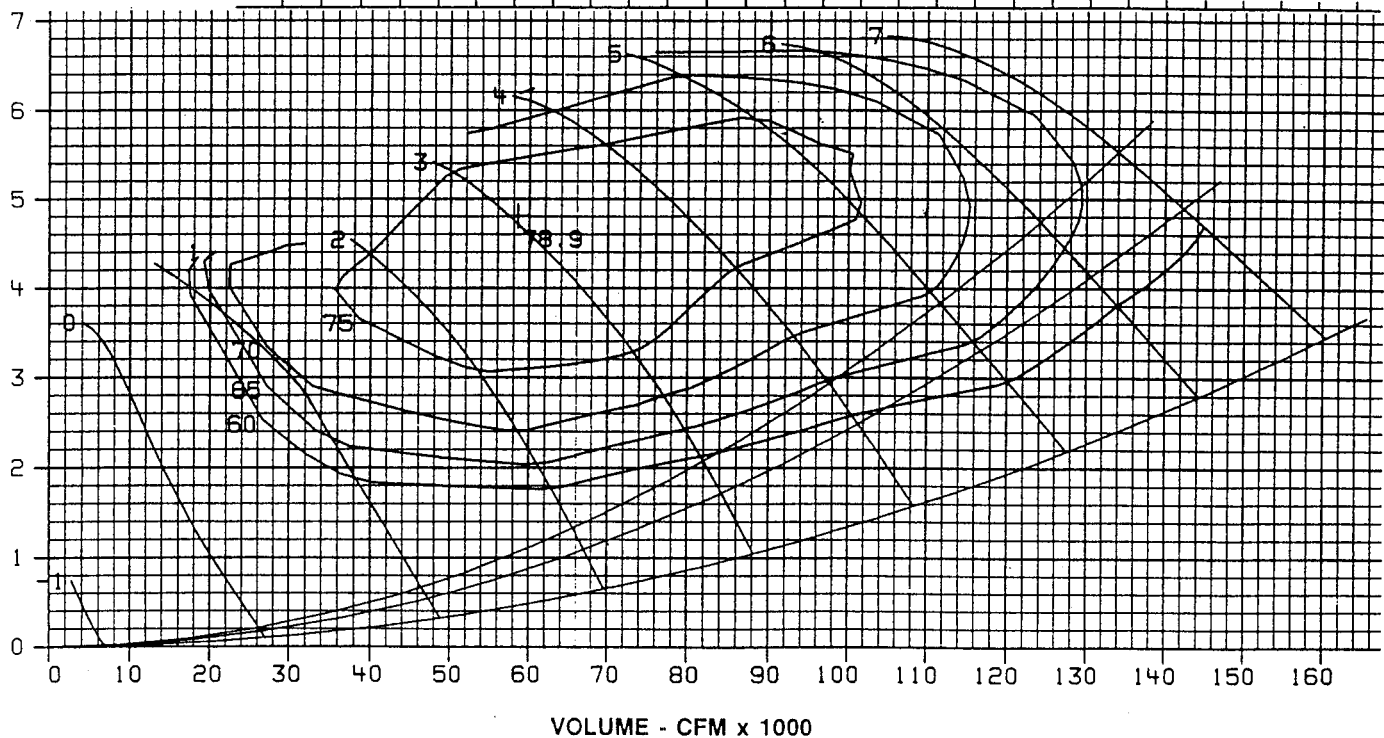
MOTOR HP	MIN.	A/4 MAX.
		15

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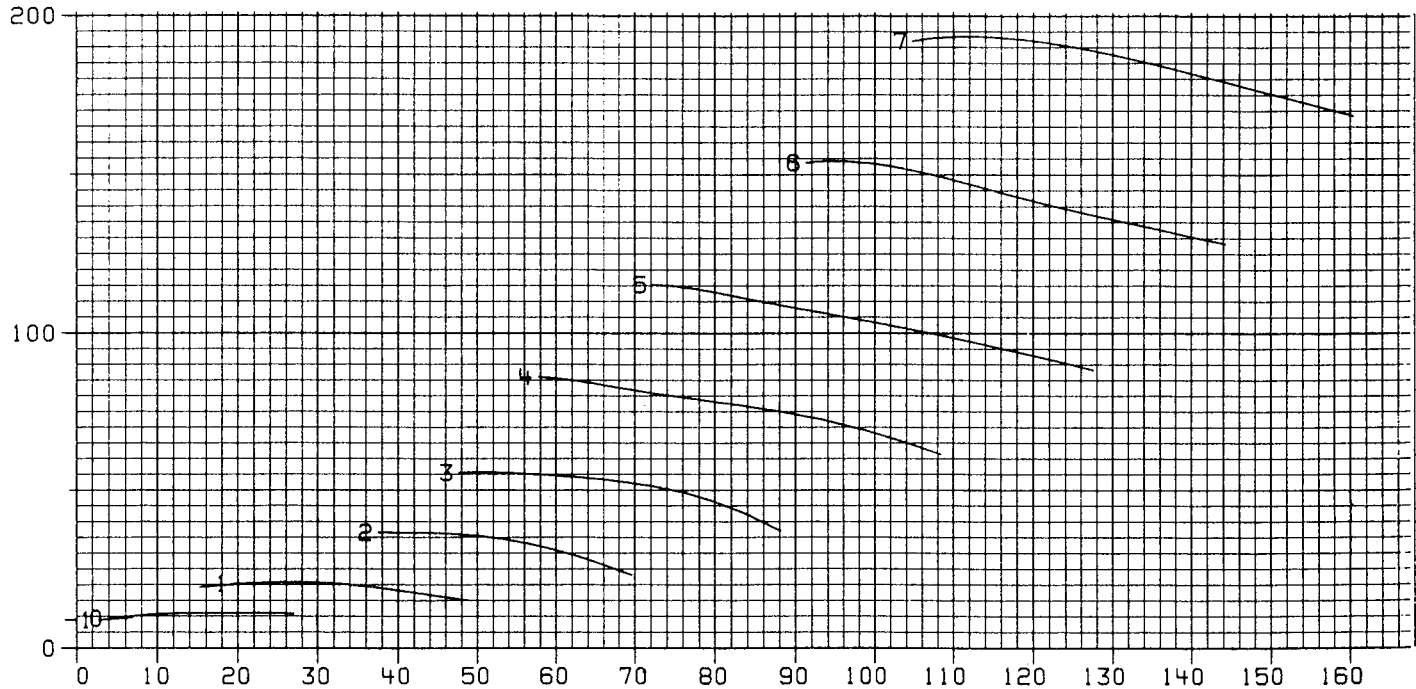
EFFECTIVE: SEPTEMBER 2019

FAN OV, FPM/100 20 24 28 32 36 40 44 48 52 56 60 64 68 72 76 80 84 88 92 96 100
 CONE OV, FPM/100 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



HORSEPOWER



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

BULLETIN VAV-47

FAN MODEL: 5425-B6-1760

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	98	108	117	115	114	110	105	99	-1	107
	97	105	112	111	109	107	103	98	0	103
	101	106	109	111	111	109	103	97	1	104
	106	107	105	110	113	111	103	96	2	105
	106	108	108	113	115	112	104	98	3	107
	107	109	110	116	117	113	106	100	4	108
	115	117	115	118	116	111	105	99	5	109
	124	124	121	120	115	110	103	99	6	110
	127	127	123	123	120	114	107	101	7	113
								8		
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	97	106	115	115	113	110	105	98	-1	106
	105	108	108	108	110	109	105	104	0	104
	105	107	106	109	111	110	104	100	1	104
	105	106	105	110	112	110	103	97	2	104
	106	107	107	112	113	111	104	98	3	105
	106	108	109	114	115	111	104	99	4	106
	115	117	116	119	117	112	106	100	5	109
	125	126	124	123	119	114	107	102	6	113
	126	128	125	125	122	117	110	104	7	115
								8		
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	97	106	114	115	113	110	105	98	-1	106
	96	103	112	115	111	108	104	96	0	105
	99	104	108	111	108	107	104	97	1	102
	103	105	104	106	105	105	104	99	2	100
	105	107	106	108	108	106	102	97	3	101
	107	109	108	111	110	111	101	96	4	103
	109	112	112	116	114	110	103	99	5	107
	111	114	117	121	118	113	107	102	6	111
	120	122	122	124	121	116	109	104	7	114
								8		

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT

4

CHICAGO BLOWER CORPORATION

1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 5425-LB 6-1760

RPM 1760

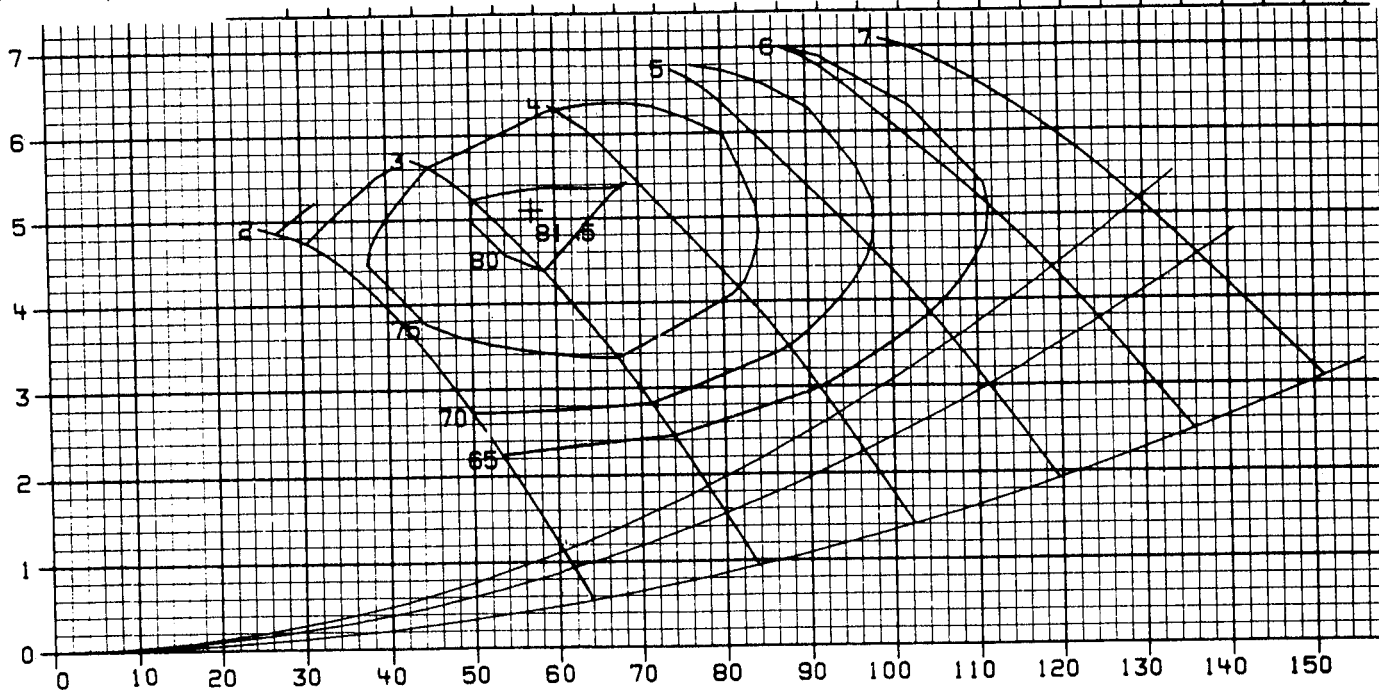
PAGE 139A

EFFECTIVE: SEPTEMBER 2019

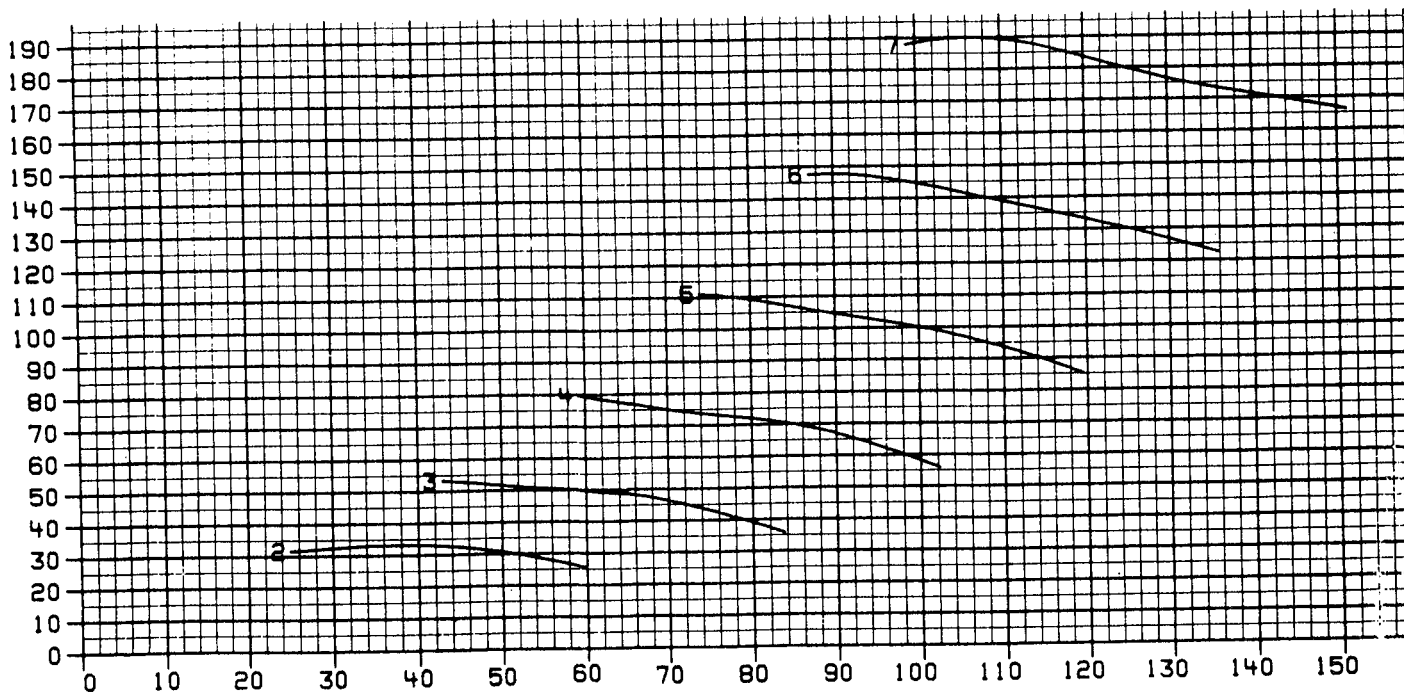
MOTOR HP	MIN.	A/4 MAX.
	15	150

FAN OV, FPM/100 20 24 28 32 36 40 44 48 52 56 60 64 68 72 76 80 84 88 92 96
 CONE OV, FPM/100 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



HORSEPOWER



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

BULLETIN VAV-47

FAN MODEL: 5425-LB6-1760

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA	
Octave Band:	1	2	3	4	5	6	7	8			
Center Frequency:	63	125	250	500	1000	2000	4000	8000			
TP/VP											
HIGH High point is read at peak of curve at maximum total pressure									-2		
									-1		
									0		
									1		
		98	102	106	109	111	110	103	96	2	104
		99	103	106	110	109	108	101	95	3	102
		100	103	107	110	108	104	100	94	4	101
		105	109	113	116	112	109	103	97	5	106
		110	112	121	117	113	107	100	95	6	107
	115	118	127	122	117	110	102	98	7	112	
									8		
MEDIUM Medium point is read at average TP/VP of low and high points									-2		
									-1		
									0		
									1		
		99	102	107	113	118	115	103	94	2	109
		99	103	107	112	112	110	101	94	3	104
		100	103	107	110	107	104	99	93	4	101
		103	107	111	115	111	108	102	96	5	105
		107	109	119	115	112	105	98	94	6	105
	110	113	123	120	116	108	100	96	7	109	
									8		
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2		
									-1		
									0		
									1		
		97	102	106	105	103	102	102	97	2	98
		99	103	107	107	104	103	101	97	3	99
		100	105	109	110	106	104	101	97	4	100
		102	108	111	113	110	107	103	98	5	104
		105	108	116	113	112	105	99	94	6	104
	108	109	119	118	116	108	99	96	7	108	
									8		

THE SOUND POWER LEVEL RATINGS SHOWN are decibels referred to 10⁻¹² watt and were obtained in accordance with AMCA Standard 300, Test Setup Number B. Values shown are sound power level at the fan inlet.

THE SOUND PRESSURE RATINGS SHOWN are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 ft.



VAV

VANEAXIAL FAN
ADJUSTABLE PITCH
CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

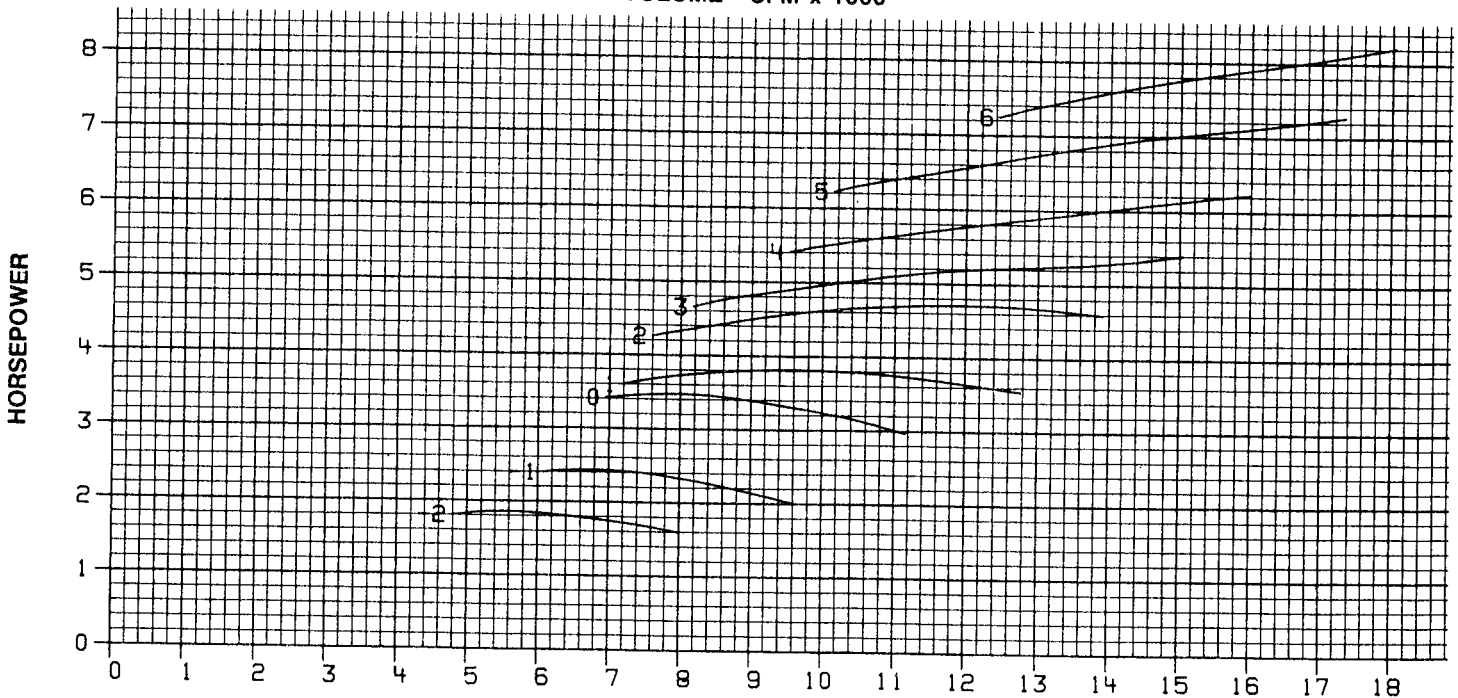
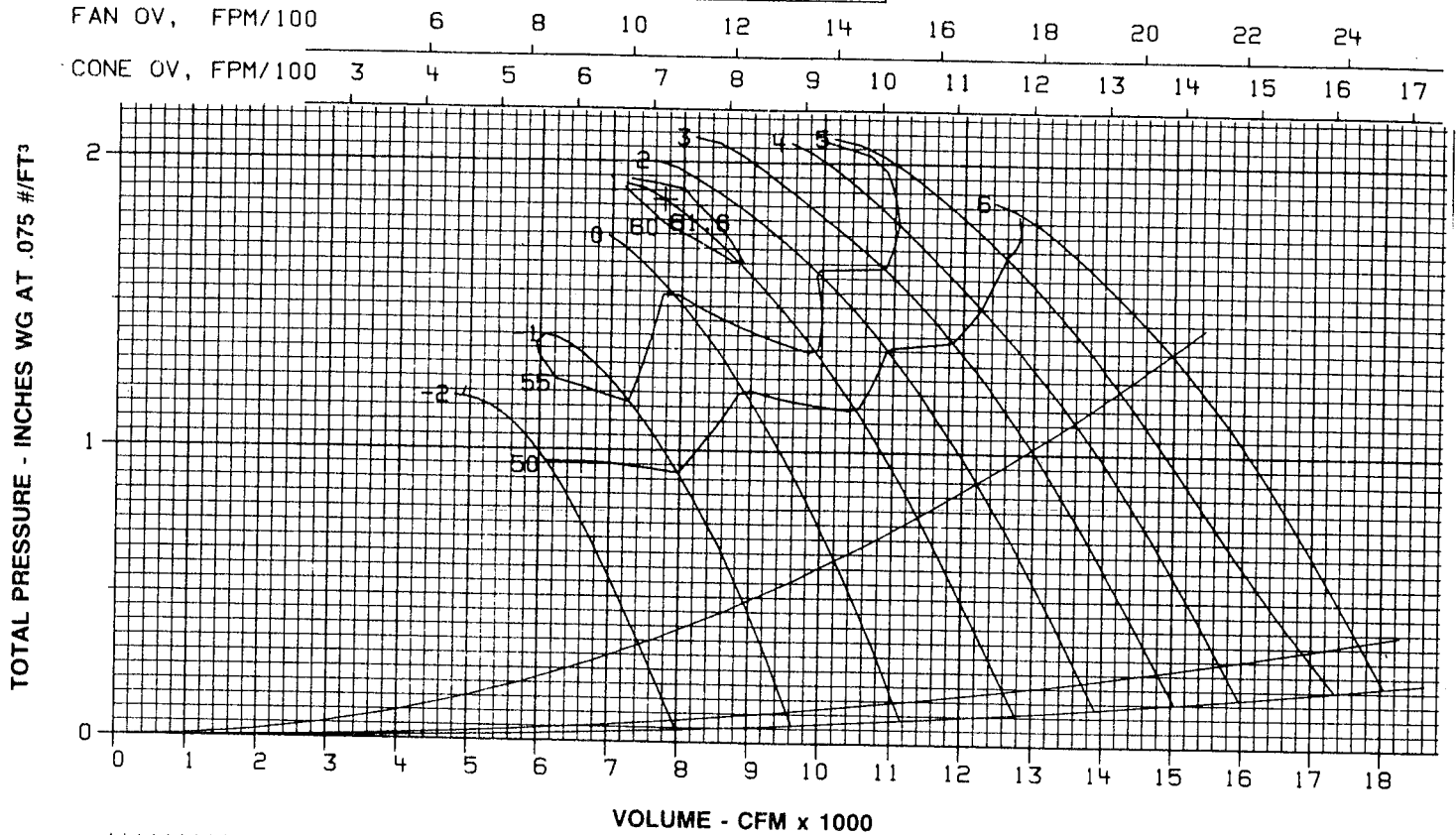
SIZE 3650-C 6- 890

RPM 890

MOTOR HP	MIN.	A/4 MAX.
	7½	200

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EFFECTIVE: SEPTEMBER 2019



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 3650-C6-890

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	90	94	94	88	82	73	68	63	-2	78
	90	92	91	87	81	74	69	64	-1	77
	91	91	89	86	81	75	69	65	0	76
	92	90	90	87	82	76	70	65	1	77
	93	91	91	88	82	76	70	66	2	78
	94	93	93	90	85	77	72	67	3	80
	95	94	95	92	87	79	73	69	4	82
	97	95	97	95	89	81	75	72	5	84
	99	97	99	97	91	82	77	75	6	86
									7	
								8		
MEDIUM Medium point is read at average TP/VP of low and high points	84	87	91	86	82	74	70	66	-2	77
	87	88	89	86	82	75	70	65	-1	76
	89	88	89	86	82	76	70	64	0	76
	91	89	90	87	82	76	70	65	1	77
	92	90	90	88	82	76	71	66	2	77
	92	91	92	90	84	78	72	67	3	79
	92	92	93	91	86	79	73	68	4	81
	92	93	96	93	88	81	75	72	5	83
	92	93	98	95	90	82	77	75	6	85
									7	
								8		
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	80	85	91	87	85	77	73	69	-2	78
	85	86	88	87	83	77	71	66	-1	77
	90	88	87	86	83	76	70	64	0	76
	92	90	89	88	83	77	70	65	1	77
	93	91	91	89	83	77	71	66	2	78
	94	92	93	90	85	78	72	67	3	80
	95	93	95	92	86	79	73	68	4	81
	94	93	96	93	88	81	75	71	5	83
	93	93	96	95	90	83	78	75	6	84
									7	
								8		

THE SOUND POWER LEVEL RATINGS SHOWN are decibels referred to 10⁻¹² watt and were obtained in accordance with AMCA Standard 300, Test Setup Number B. Values shown are sound power level at the fan inlet.

THE SOUND PRESSURE RATINGS SHOWN are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 ft.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4

CHICAGO BLOWER CORPORATION

SIZE 3650-C 6-1160

RPM 1160

1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

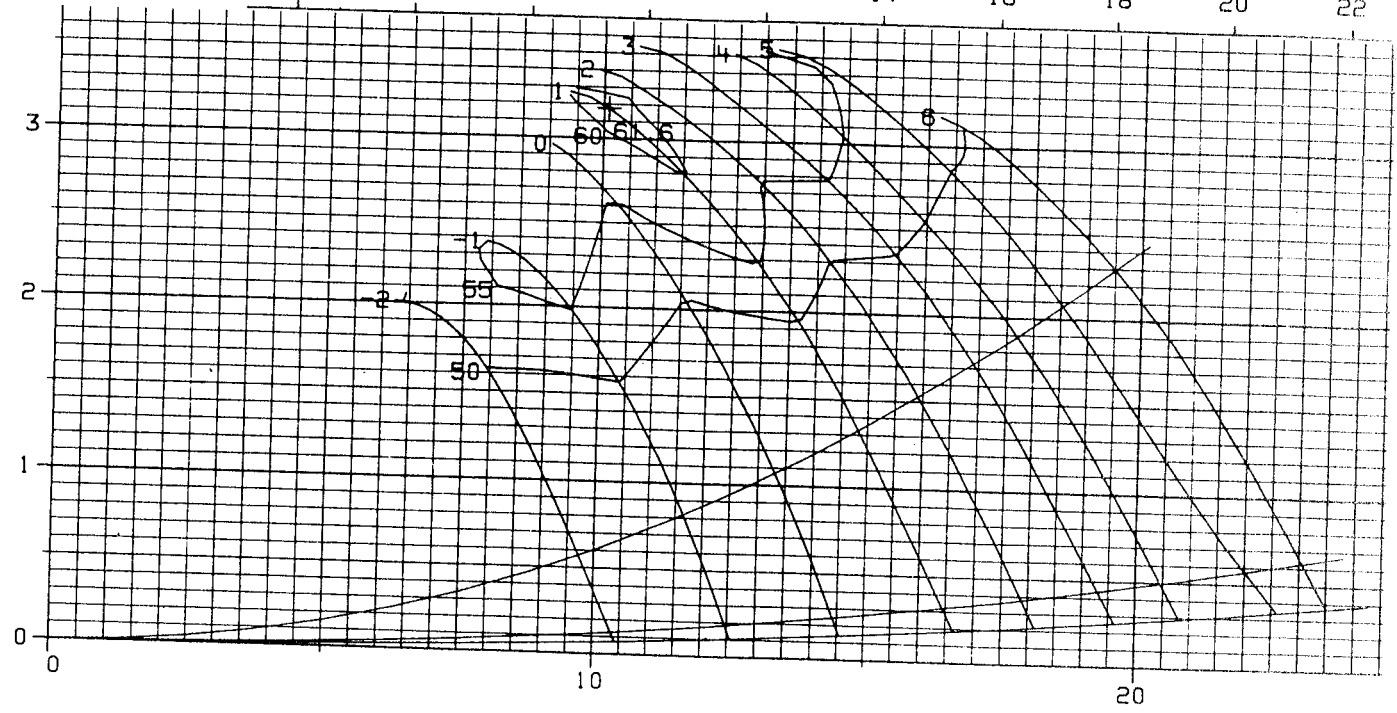
MOTOR HP	MIN.	A/4 MAX.
	15	250

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EFFECTIVE: SEPTEMBER 2019

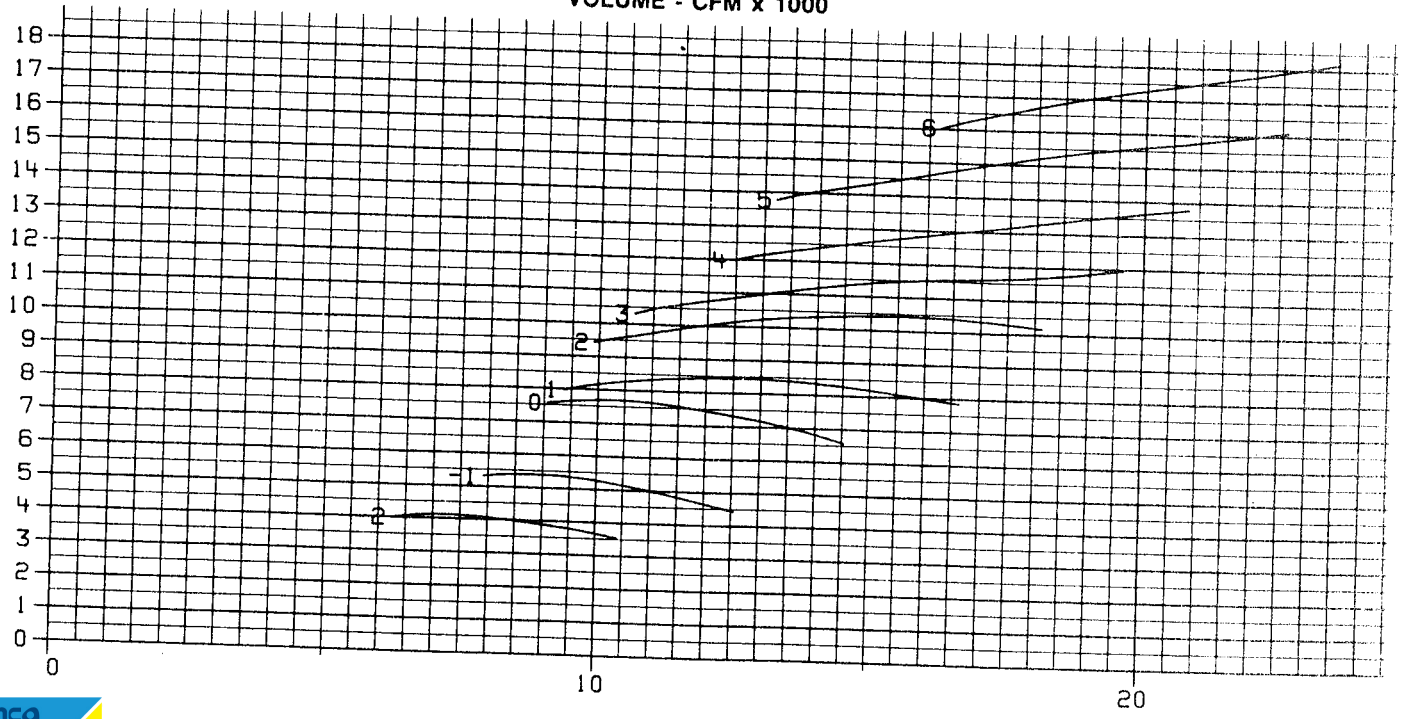
FAN OV, FPM/100 6 8 10 12 14 16 18 20 22 24 26 28 30 32
 CONE OV, FPM/100 4 6 8 10 12 14 16 18 20 22

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



VOLUME - CFM x 1000

HORSEPOWER



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 3650-C6-1160

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	98	100	100	96	90	82	76	71	-2	86
	99	97	98	95	89	83	76	72	-1	84
	99	95	96	93	89	83	77	72	0	83
	101	96	97	94	90	84	77	73	1	84
	101	97	98	95	91	84	78	73	2	85
	102	99	99	99	93	86	79	75	3	87
	103	100	101	100	96	87	80	76	4	89
	106	101	103	102	98	89	82	79	5	91
	108	102	105	105	101	91	83	81	6	94
										7
									8	
MEDIUM Medium point is read at average TP/VP of low and high points	92	93	96	94	89	83	78	74	-2	83
	95	94	95	94	89	84	77	73	-1	83
	98	94	96	93	90	84	77	72	0	83
	100	95	96	94	90	84	78	73	1	84
	101	96	97	95	91	84	78	73	2	85
	101	96	98	97	93	86	79	75	3	86
	101	97	99	99	95	87	80	76	4	88
	101	97	102	101	97	89	82	79	5	90
	101	97	104	103	99	91	84	82	6	92
										7
									8	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	89	90	95	94	91	86	80	76	-2	84
	94	92	93	94	90	85	79	74	-1	84
	97	95	93	93	91	85	78	72	0	83
	100	96	95	95	91	85	78	73	1	84
	101	98	96	96	92	85	79	74	2	86
	103	97	99	98	93	86	80	75	3	87
	104	97	102	99	94	87	81	75	4	89
	103	97	102	101	97	89	82	79	5	90
	101	98	102	102	99	91	84	82	6	92
										7
									8	

THE SOUND POWER LEVEL RATINGS SHOWN are decibels referred to 10⁻¹² watt and were obtained in accordance with AMCA Standard 300, Test Setup Number B. Values shown are sound power level at the fan inlet.

THE SOUND PRESSURE RATINGS SHOWN are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 ft.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



SIZE 3650-C 6-1760

RPM 1760

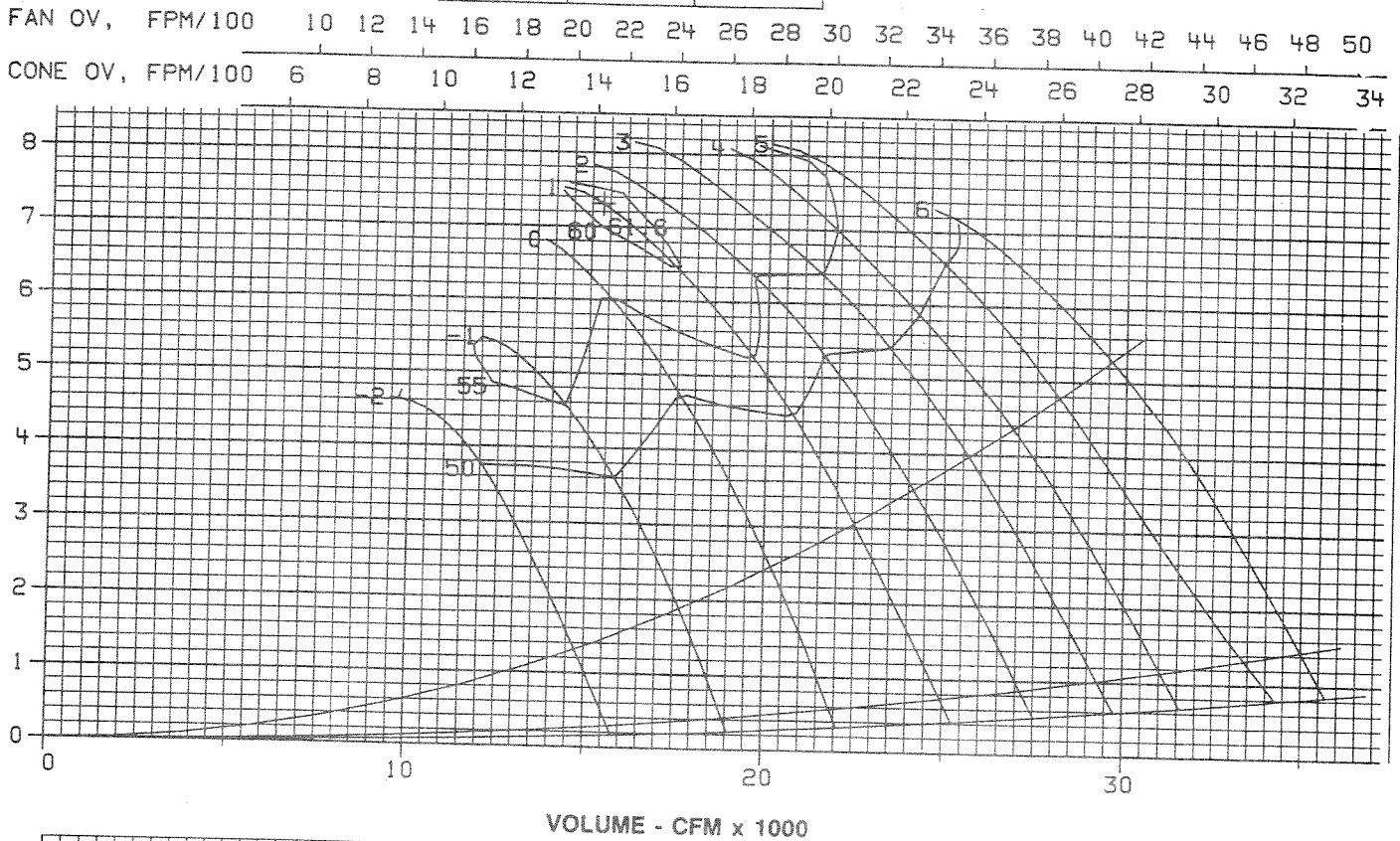
1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

MOTOR HP	MIN.	A/4 MAX.
	40	300

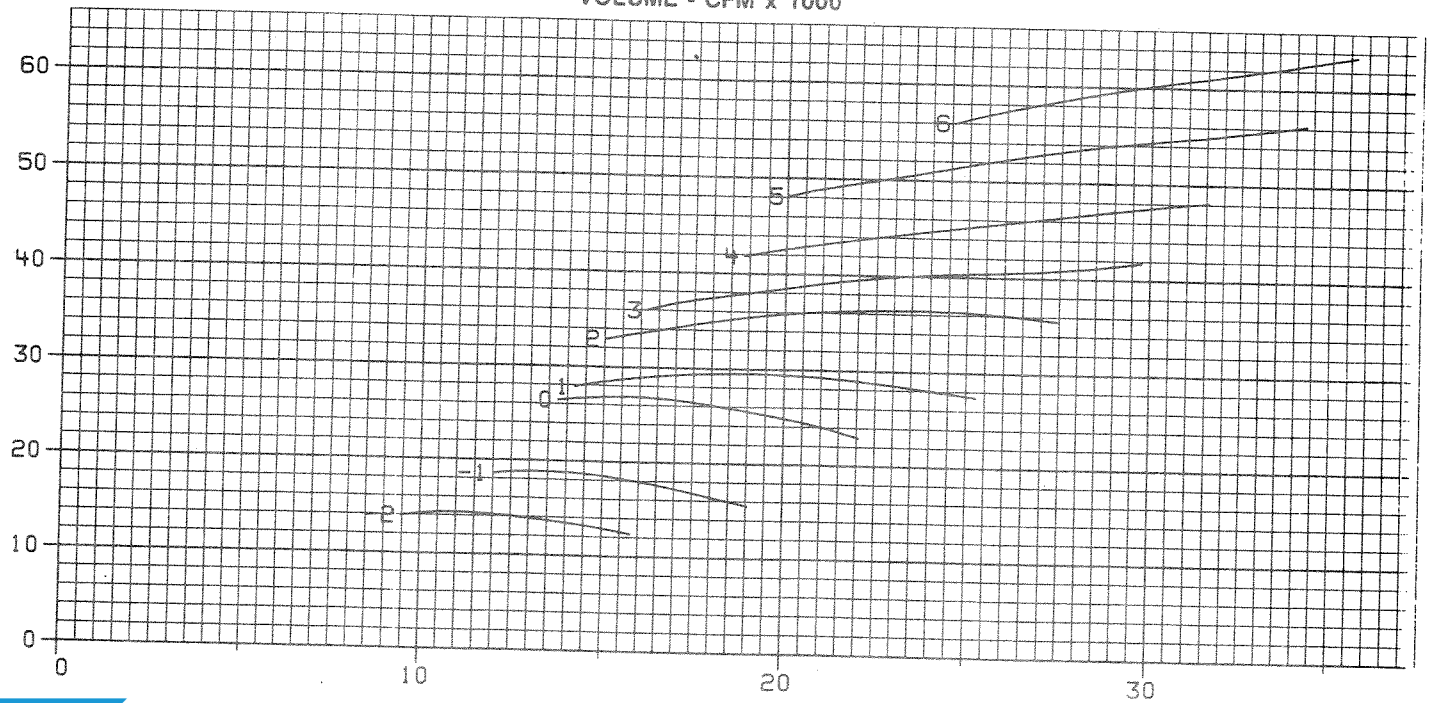
PAGE 142

EFFECTIVE: SEPTEMBER 2019

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



HORSEPOWER



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 3650-C6-1760

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	110	98	110	109	102	96	88	83	-2	98
	109	98	107	106	102	96	89	84	-1	96
	108	99	105	104	101	96	90	84	0	94
	108	100	106	105	102	96	90	85	1	95
	108	101	107	106	103	97	91	85	2	96
	109	102	108	108	105	99	92	86	3	98
	111	103	110	109	107	101	94	88	4	100
	113	105	111	111	110	104	95	90	5	102
	116	107	113	114	112	106	97	92	6	104
										7
									8	
MEDIUM Medium point is read at average TP/VP of low and high points	104	102	103	106	101	97	89	85	-2	95
	105	105	104	104	101	96	90	84	-1	94
	107	107	104	104	101	96	90	84	0	94
	107	109	105	104	102	97	91	85	1	95
	108	110	106	105	102	97	91	85	2	96
	108	110	107	107	104	99	92	86	3	97
	108	110	107	108	106	101	94	87	4	99
	108	110	108	110	108	103	95	90	5	101
	108	110	109	113	110	105	97	92	6	103
										7
									8	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	102	98	101	105	102	99	92	89	-2	95
	104	103	102	103	102	98	92	86	-1	94
	106	107	104	102	101	97	91	85	0	94
	107	109	105	104	102	98	91	85	1	95
	108	111	107	105	103	98	92	86	2	96
	110	112	108	108	105	99	93	87	3	98
	111	113	109	110	106	101	94	88	4	100
	110	112	109	111	108	103	96	90	5	101
	109	111	109	111	110	105	97	92	6	102
										7
									8	

THE SOUND POWER LEVEL RATINGS SHOWN are decibels referred to 10⁻¹² watt and were obtained in accordance with AMCA Standard 300, Test Setup Number B. Values shown are sound power level at the fan inlet.

THE SOUND PRESSURE RATINGS SHOWN are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 ft.



VAV ADJUSTABLE PITCH VANE AXIAL FAN

ARRANGEMENT
4



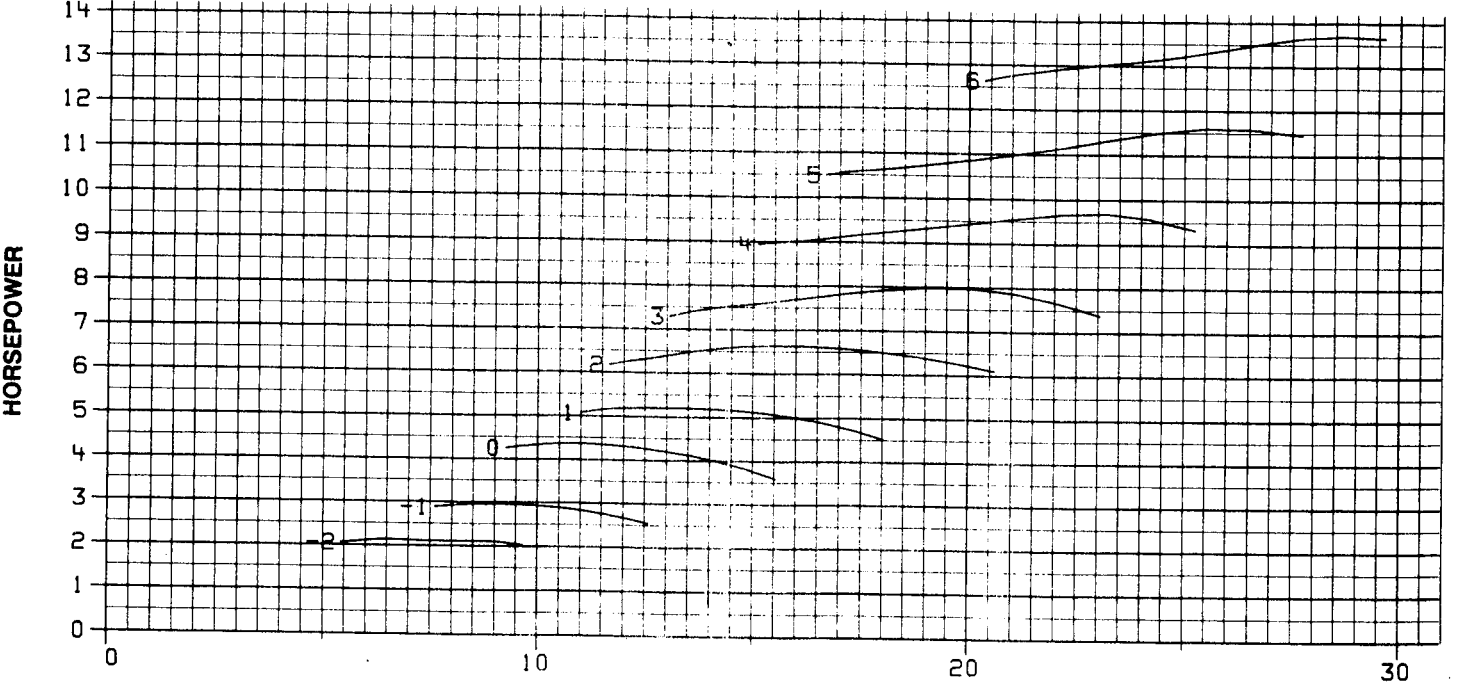
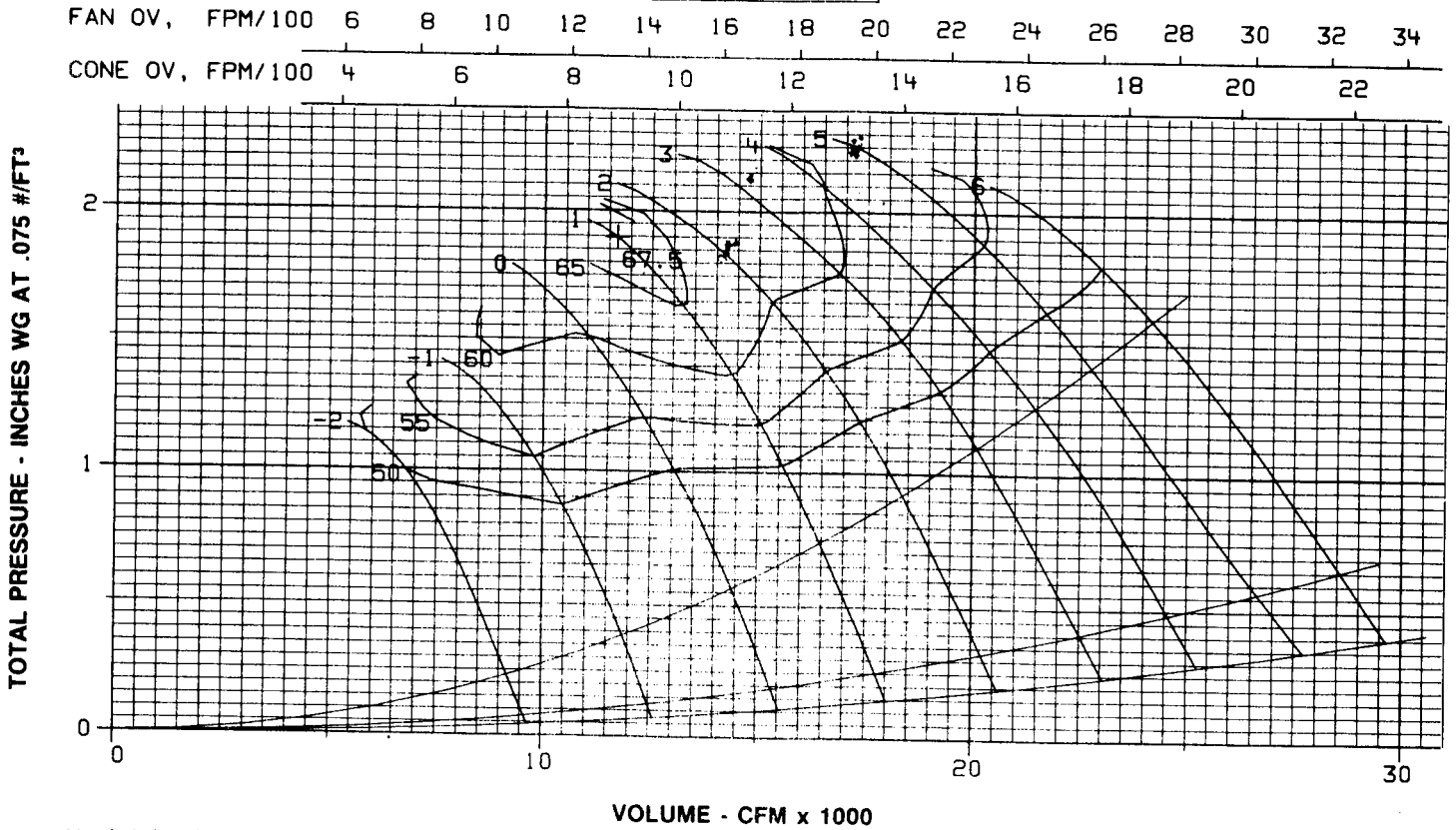
1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone A/C 312-858-2600

SIZE 4025-C 6- 890

RPM 890

MOTOR HP	MIN.	A/4 MAX.
	7½	200

PAGE 143
EFFECTIVE SEPTEMBER 2019



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests made in accordance with AMCA Standard 210 and AMCA Standard 300 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.



1675 GLEN ELLYN ROAD
 GLENDALE HEIGHTS, ILLINOIS 60139
 Phone 708-858-2600

FAN MODEL: 4025-C6-890

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	95	95	95	90	85	77	71	65	-2	80
	93	94	94	90	84	78	72	66	-1	80
	92	91	92	89	84	78	72	67	0	79
	94	92	93	90	85	79	73	68	1	80
	95	94	94	91	86	80	74	69	2	81
	96	95	95	93	88	81	75	71	3	82
	97	96	96	94	89	82	77	73	4	84
	99	98	99	97	91	84	78	75	5	86
	102	100	101	99	93	85	80	78	6	88
									7	
								8		
MEDIUM Medium point is read at average TP/VP of low and high points	90	90	93	89	85	77	72	68	-2	79
	90	91	92	89	85	78	72	67	-1	79
	91	90	91	89	85	79	73	67	0	79
	93	91	92	90	85	79	73	67	1	79
	94	92	93	90	85	79	73	68	2	80
	94	93	94	92	87	81	75	70	3	81
	95	94	95	93	89	82	72	72	4	83
	95	95	98	96	90	84	75	75	5	85
	98	96	100	98	92	85	78	78	6	87
									7	
								8		
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	85	89	93	90	87	80	69	69	-2	80
	88	89	91	89	86	80	68	68	-1	79
	90	89	89	89	86	80	67	67	0	79
	93	91	91	89	86	80	67	67	1	79
	95	93	92	90	86	80	68	68	2	80
	96	94	94	92	87	81	70	70	3	82
	97	95	97	93	88	82	72	72	4	83
	96	95	98	95	90	84	75	75	5	85
	95	95	98	97	92	85	78	78	6	86
									7	
								8		

THE SOUND POWER LEVEL RATINGS SHOWN are decibels referred to 10^{-12} watt and were obtained in accordance with AMCA Standard 300, Test Setup Number B. Values shown are sound power level at the fan inlet.

THE SOUND PRESSURE RATINGS SHOWN are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 ft.



VAV

VANEAXIAL FAN
ADJUSTABLE PITCH
CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 4025-C 6-1160

RPM 1160

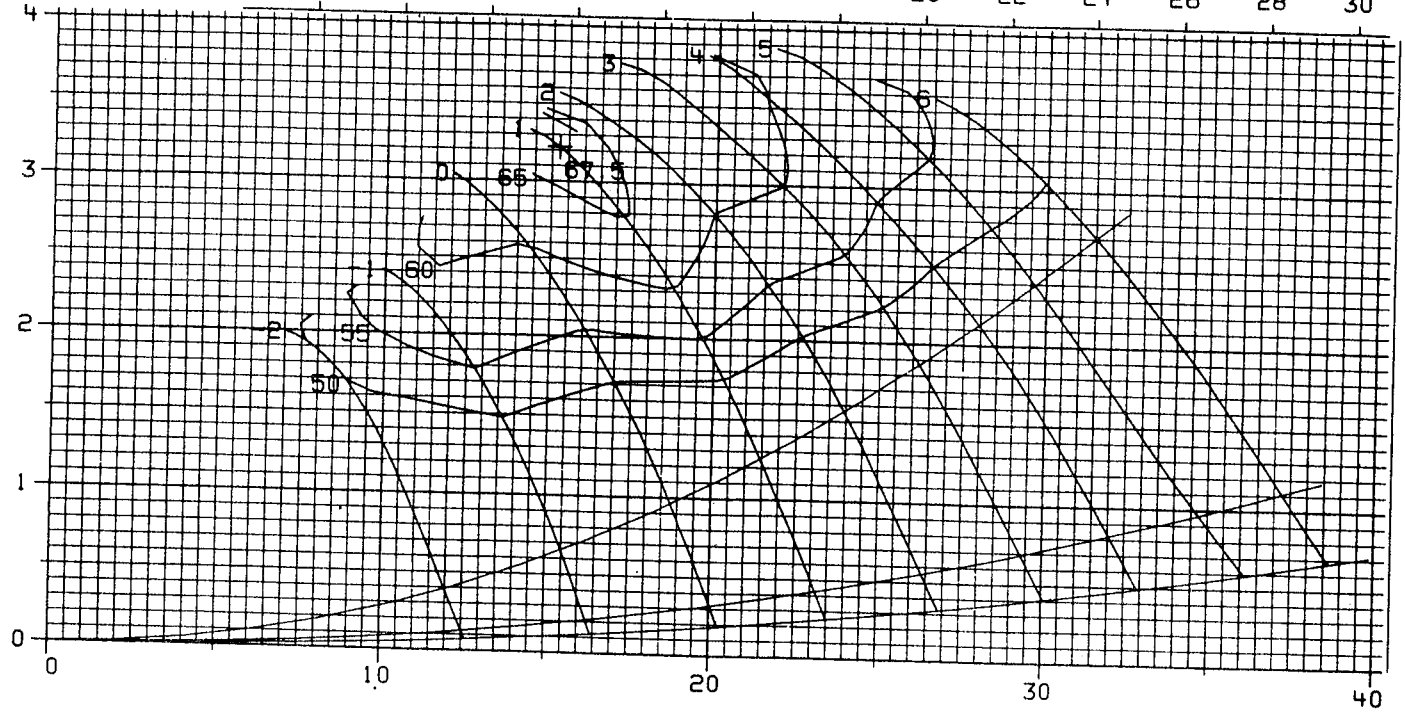
MOTOR HP	MIN.	A/4 MAX.
	15	250

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EFFECTIVE: SEPTEMBER 2019

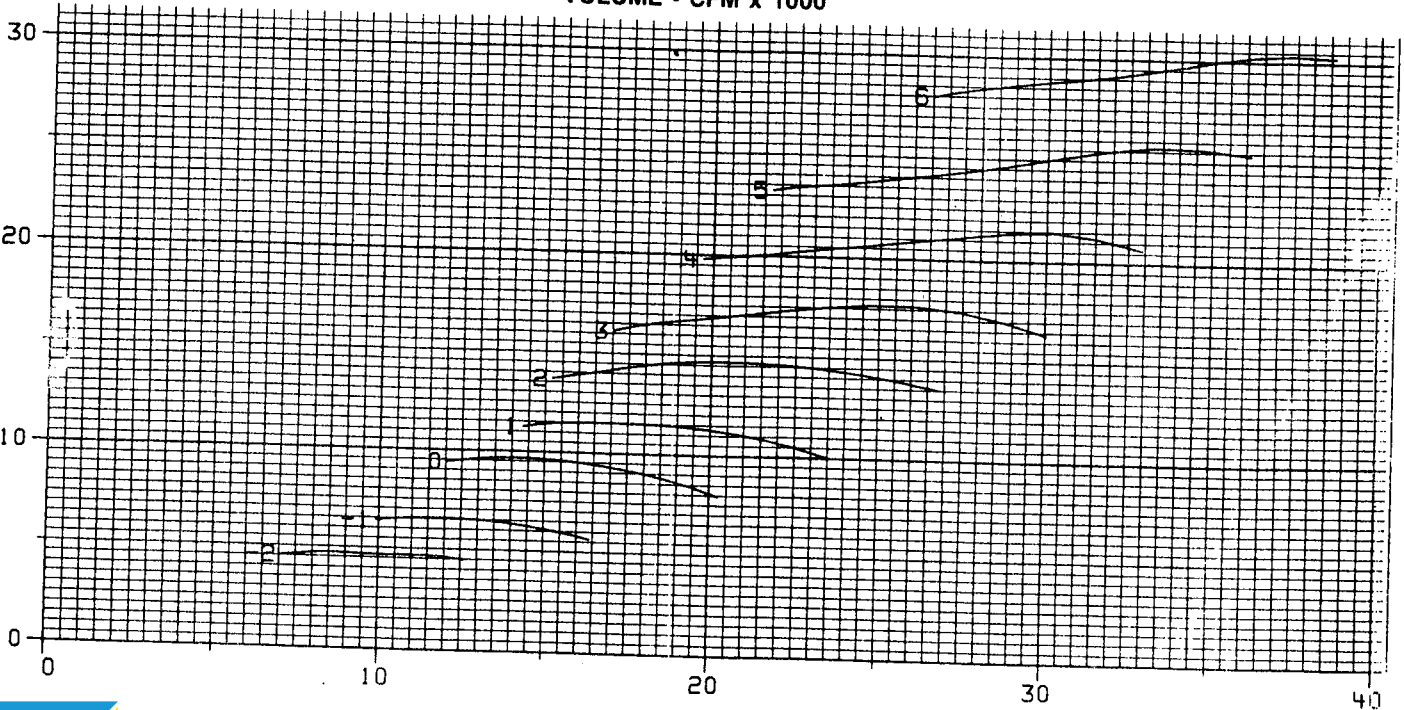
FAN OV, FPM/100 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44
 CONE OV, FPM/100 6 8 10 12 14 16 18 20 22 24 26 28 30

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



VOLUME - CFM x 1000

HORSEPOWER



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 4025-C6-1160

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA	
Octave Band:	1	2	3	4	5	6	7	8			
Center Frequency:	63	125	250	500	1000	2000	4000	8000			
TP/VP											
HIGH High point is read at peak of curve at maximum total pressure	101	102	101	98	92	85	79	73	-2	88	
	100	100	100	98	92	86	79	74	-1	87	
	100	97	98	97	92	87	80	75	0	86	
	102	98	99	98	93	87	81	76	1	87	
	103	99	101	99	94	88	81	77	2	88	
	104	101	102	100	96	89	83	78	3	90	
	105	102	103	101	97	91	84	80	4	91	
	108	103	105	104	100	92	85	82	5	93	
	110	105	107	106	102	94	86	84	6	96	
									7		
								8			
MEDIUM Medium point is read at average TP/VP of low and high points	96	97	98	96	92	86	80	75	-2	86	
	97	97	97	97	92	87	80	75	-1	86	
	99	95	97	96	93	87	81	75	0	86	
	101	97	98	97	93	87	81	75	1	87	
	102	98	99	97	93	87	81	76	2	87	
	103	99	100	99	95	89	82	78	3	89	
	103	99	101	101	97	90	84	80	4	90	
	103	100	104	103	99	92	85	82	5	92	
	104	100	106	105	101	93	87	85	6	94	
									7		
								8			
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	93	94	97	97	94	88	82	77	-2	87	
	96	95	96	96	93	89	82	76	-1	86	
	98	96	94	95	93	88	82	75	0	86	
	101	98	96	96	93	88	82	75	1	86	
	103	100	98	91	93	88	82	76	2	87	
	104	100	101	99	95	89	83	77	3	89	
	106	100	104	101	96	90	84	79	4	91	
	105	100	104	102	99	92	86	82	5	92	
	104	100	104	104	101	94	87	84	6	94	
									7		
								8			

THE SOUND POWER LEVEL RATINGS SHOWN are decibels referred to 10⁻¹² watt and were obtained in accordance with AMCA Standard 300, Test Setup Number B. Values shown are sound power level at the fan inlet.

THE SOUND PRESSURE RATINGS SHOWN are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 ft.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT

4

CHICAGO BLOWER CORPORATION

1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 4025-C 6-1760

RPM 1760

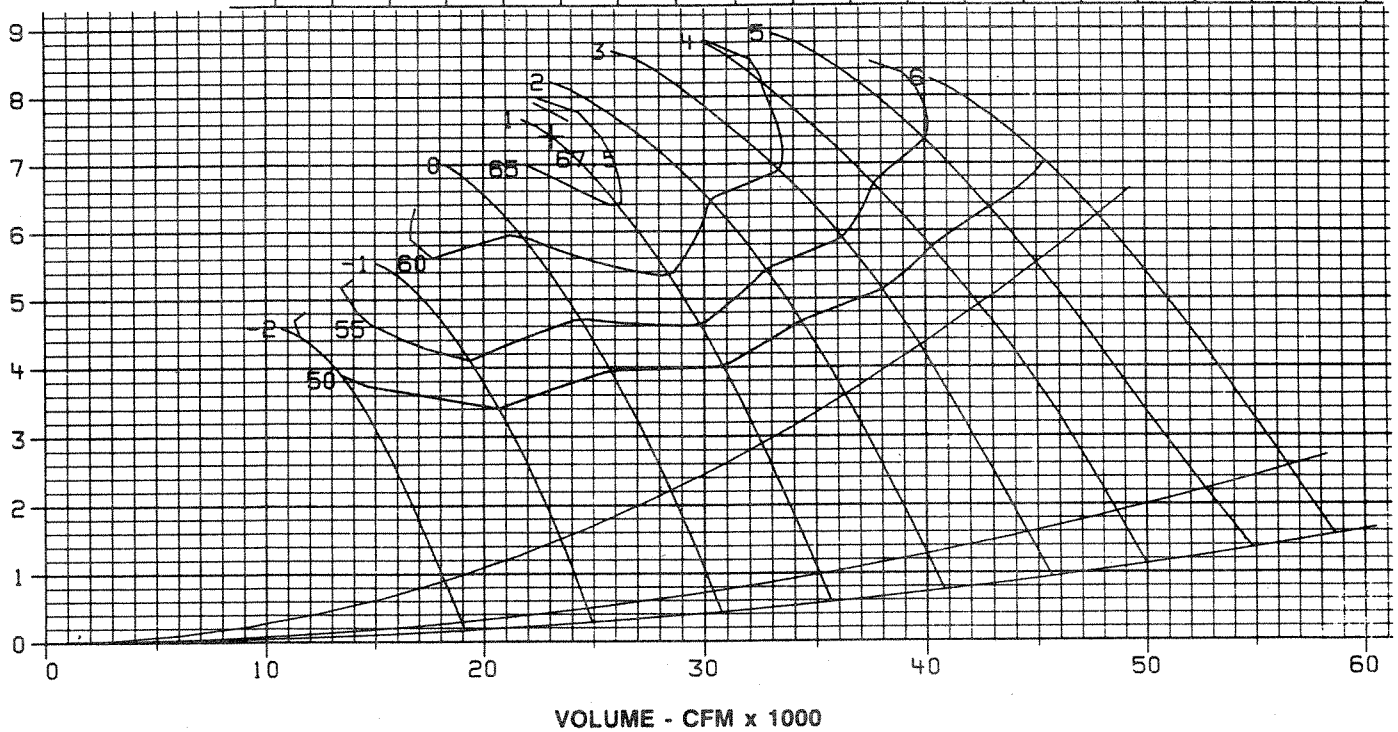
PAGE 145

EFFECTIVE: SEPTEMBER 2019

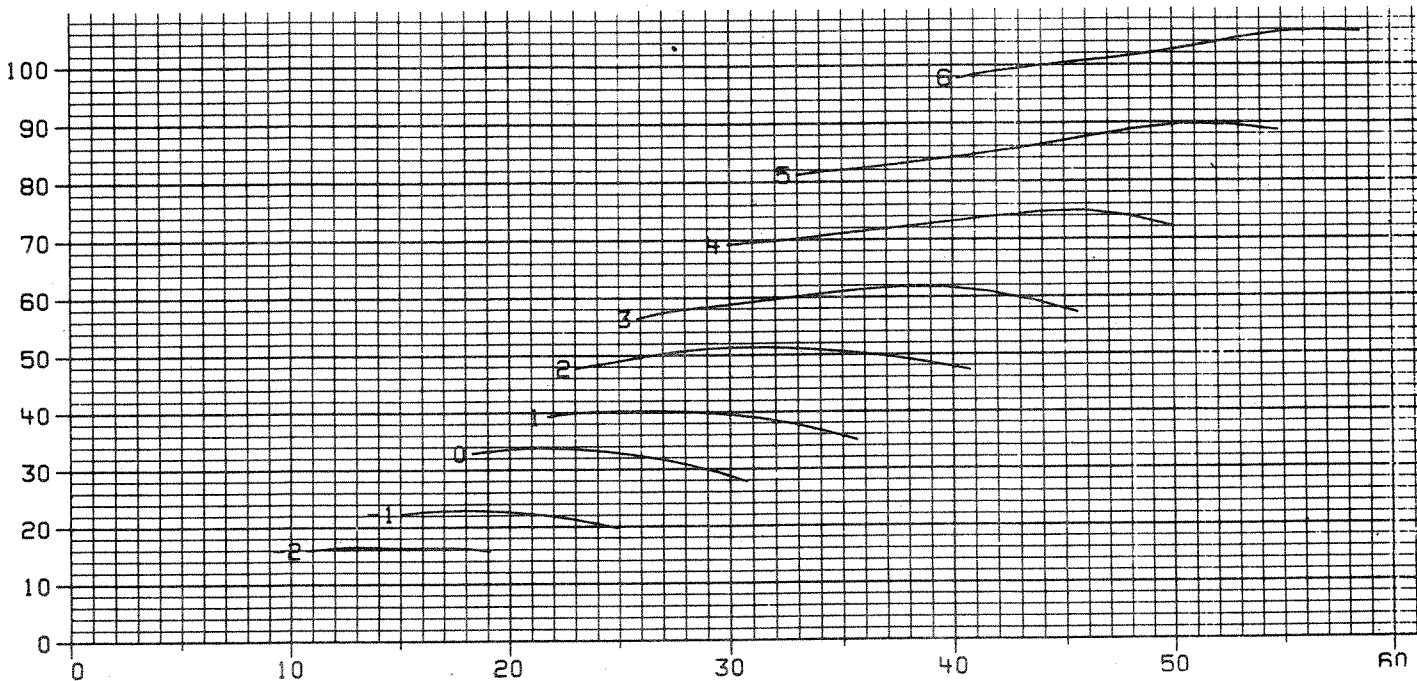
MOTOR HP	MIN.	A/4 MAX.
	40	300

FAN OV, FPM/100 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68
 CONE OV, FPM/100 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



HORSEPOWER



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

BULLETIN VAV-47

FAN MODEL: 4025-C6-1760

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	110	113	111	110	105	99	91	86	-2	99
	109	111	109	108	105	99	92	86	-1	98
	108	110	107	107	104	99	93	87	0	97
	109	112	108	108	105	100	94	88	1	98
	110	113	110	109	106	101	94	89	2	99
	111	114	111	110	107	102	96	90	3	100
	112	115	112	111	109	104	97	92	4	102
	115	117	114	114	111	106	99	93	5	104
	118	119	116	116	114	108	100	95	6	107
									7	
								8		
MEDIUM Medium point is read at average TP/VP of low and high points	105	108	108	108	104	99	92	87	-2	97
	106	108	106	106	104	99	93	87	-1	97
	107	108	106	106	104	100	94	87	0	97
	108	110	107	107	104	100	94	88	1	97
	110	112	107	107	105	100	94	88	2	98
	110	112	109	107	106	102	95	96	3	99
	110	112	110	110		103	97	91	4	101
	111	113	112	112	110	105	98	93	5	103
	111	113	115	115	112	107	100	95	6	105
									7	
								8		
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	104	103	108	108	105	101	95	89	-2	98
	105	106	105	105	104	101	95	89	-1	97
	106	108	104	104	103	100	95	88	0	96
	108	110	105	105	104	100	95	88	1	97
	110	112	107	107	105	100	94	88	2	98
	112	114	109	109	106	102	96	90	3	100
	113	115	112	112	108	103	97	91	4	102
	112	114	112	112	110	105	98	93	5	103
	111	113	113	113	112	107	100	95	6	104
									7	
								8		

THE SOUND POWER LEVEL RATINGS SHOWN are decibels referred to 10⁻¹² watt and were obtained in accordance with AMCA Standard 300, Test Setup Number B. Values shown are sound power level at the fan inlet.

THE SOUND PRESSURE RATINGS SHOWN are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 ft.



VAV ADJUSTABLE PITCH VANEAXIAL FAN

ARRANGEMENT

4



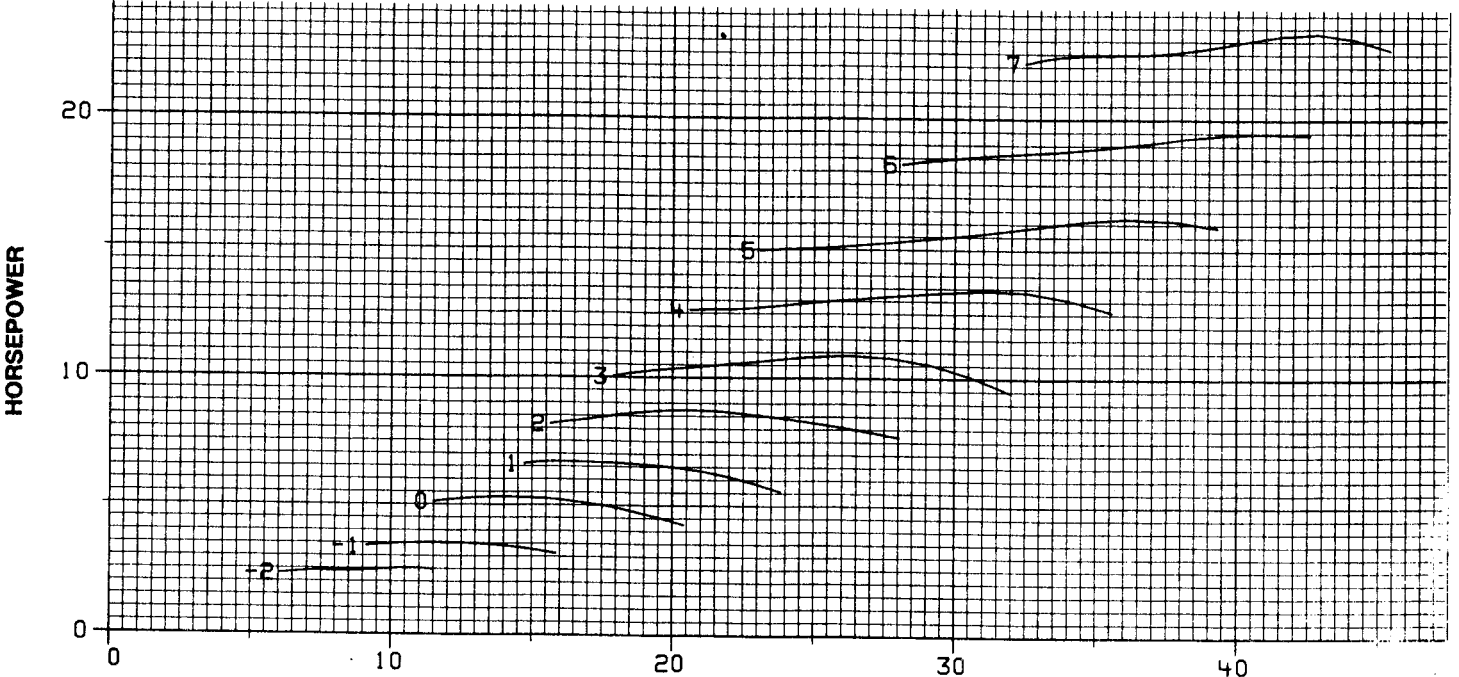
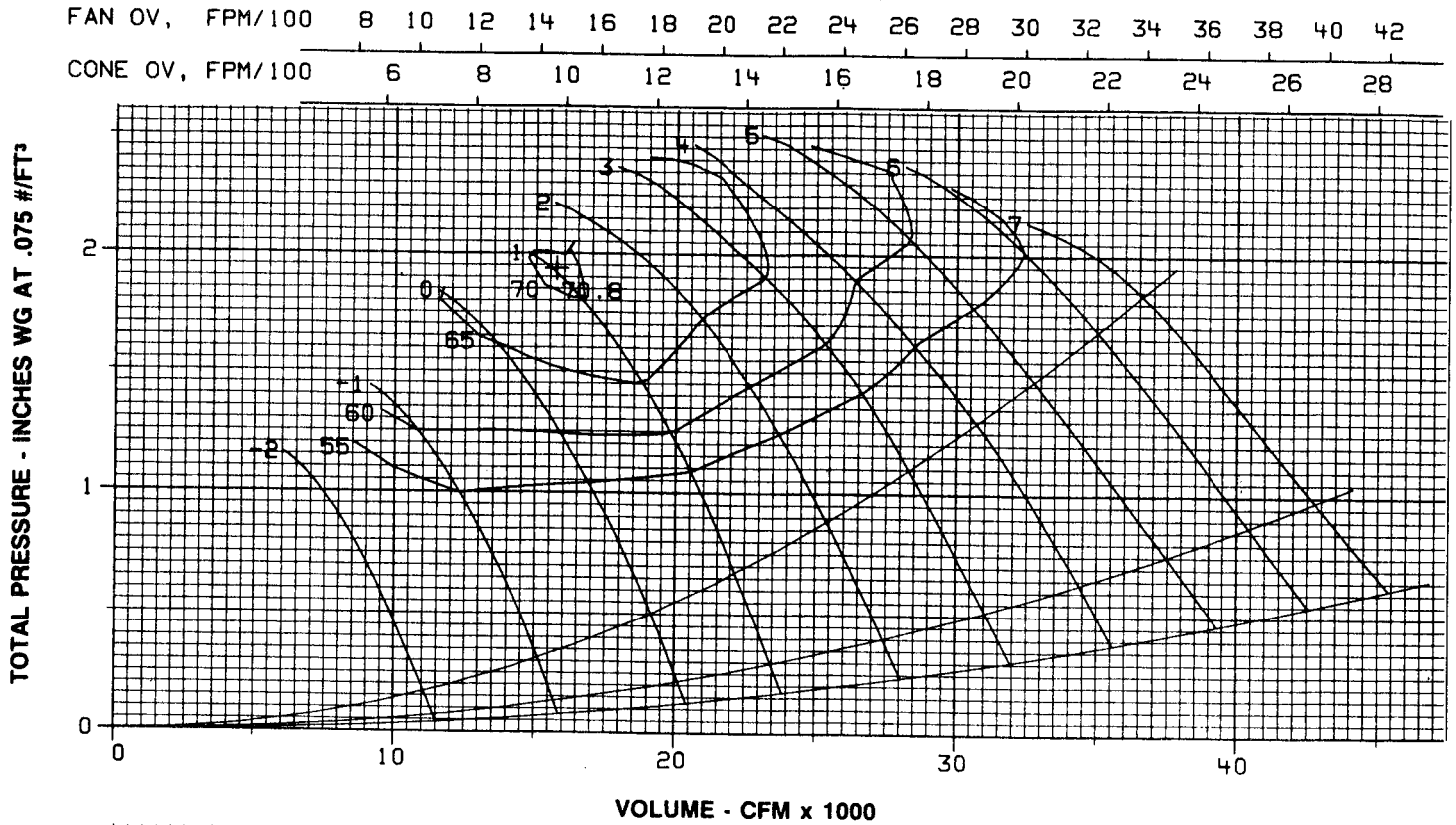
1675 GLEN ELLYN ROAD
 GLENDALE HEIGHTS, ILLINOIS 60139
 Phone A/C 312-858-2600

SIZE 4450-C 6- 890

RPM 890

MOTOR HP	MIN.	A/4 MAX.
	7½	200

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 EFFECTIVE SEPTEMBER 2019



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests made in accordance with AMCA Standard 210 and AMCA Standard 300 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.



FAN MODEL: 4450-C6-890

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	99	98	96	93	87	80	74	68	-2	83
	95	96	96	93	88	81	74	68	-1	82
	93	93	95	93	88	82	75	69	0	82
	95	95	96	94	89	83	76	71	1	83
	97	96	97	94	90	84	77	73	2	84
	98	97	98	95	91	85	79	75	3	85
	99	97	98	96	92	86	81	77	4	86
	101	100	101	98	94	87	82	79	5	88
	104	103	104	101	96	88	83	80	6	90
	106	104	106	103	98	90	84	82	7	93
								8		
MEDIUM Medium point is read at average TP/VP of low and high points	95	94	95	92	88	81	69	69	-2	82
	93	94	94	92	88	82	69	69	-1	82
	92	92	94	93	88	82	69	69	0	82
	94	93	94	92	88	82	70	70	1	82
	96	95	95	92	88	82	71	71	2	82
	96	95	96	94	90	84	74	74	3	84
	97	96	97	96	91	86	76	76	4	85
	98	97	100	98	93	87	79	79	5	87
	99	99	102	100	95	88	81	81	6	89
	99	100	103	102	97	89	83	83	7	91
								8		
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	90	93	95	93	89	83	70	70	-2	83
	90	91	93	92	89	83	70	70	-1	82
	91	90	91	91	89	84	69	69	0	81
	94	93	92	91	88	83	70	70	1	82
	96	95	94	92	88	83	70	70	2	82
	98	96	96	93	89	84	73	73	3	84
	99	97	98	95	91	85	75	75	4	85
	98	98	99	97	93	87	78	78	5	87
	98	98	100	99	95	88	80	80	6	89
	97	99	102	102	97	90	83	83	7	91
								8		

THE SOUND POWER LEVEL RATINGS SHOWN are decibels referred to 10⁻¹² watt and were obtained in accordance with AMCA Standard 300, Test Setup Number B. Values shown are sound power level at the fan inlet.

THE SOUND PRESSURE RATINGS SHOWN are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 ft.



VAV

VANEAXIAL FAN
ADJUSTABLE PITCH
CONTROLLABLE PITCH

ARRANGEMENT
4



SIZE 4450-C 6-1160

RPM 1160

1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139

Phone 708-858-2600

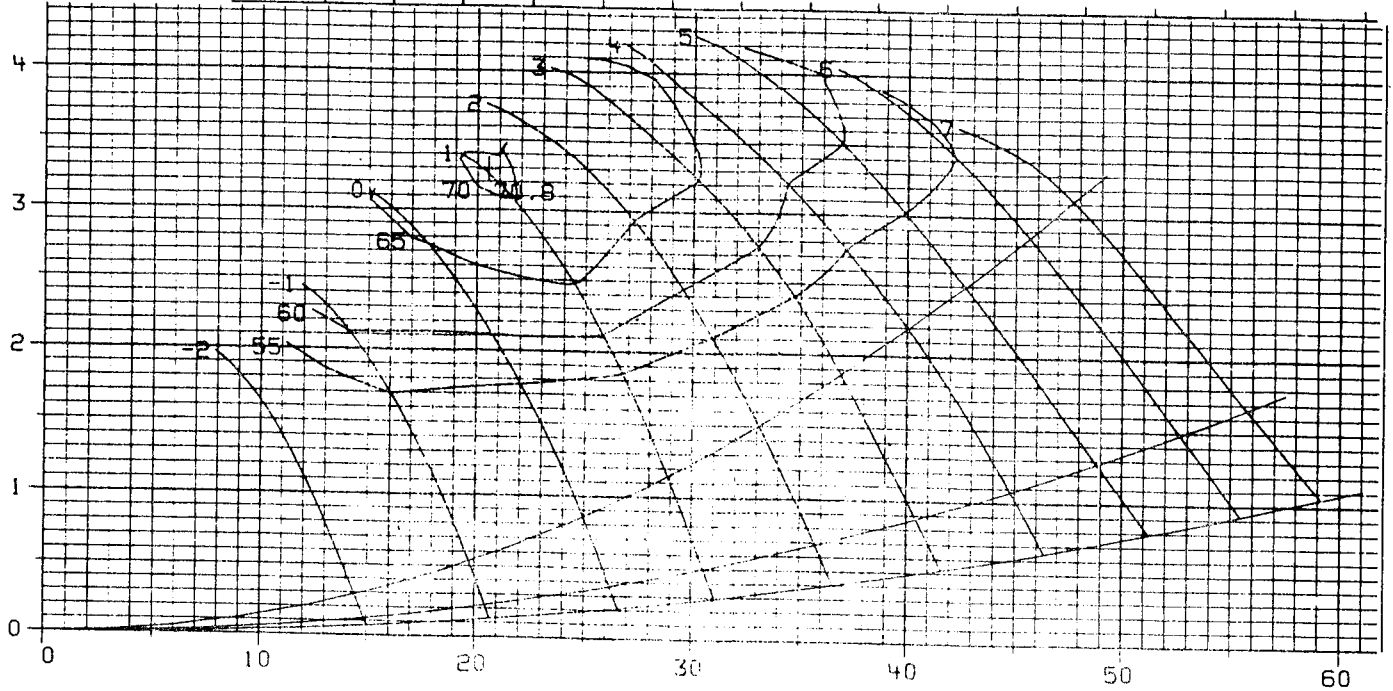
PAGE 147

MOTOR HP	MIN.	A/4 MAX.
	20	250

EFFECTIVE: SEPTEMBER 2019

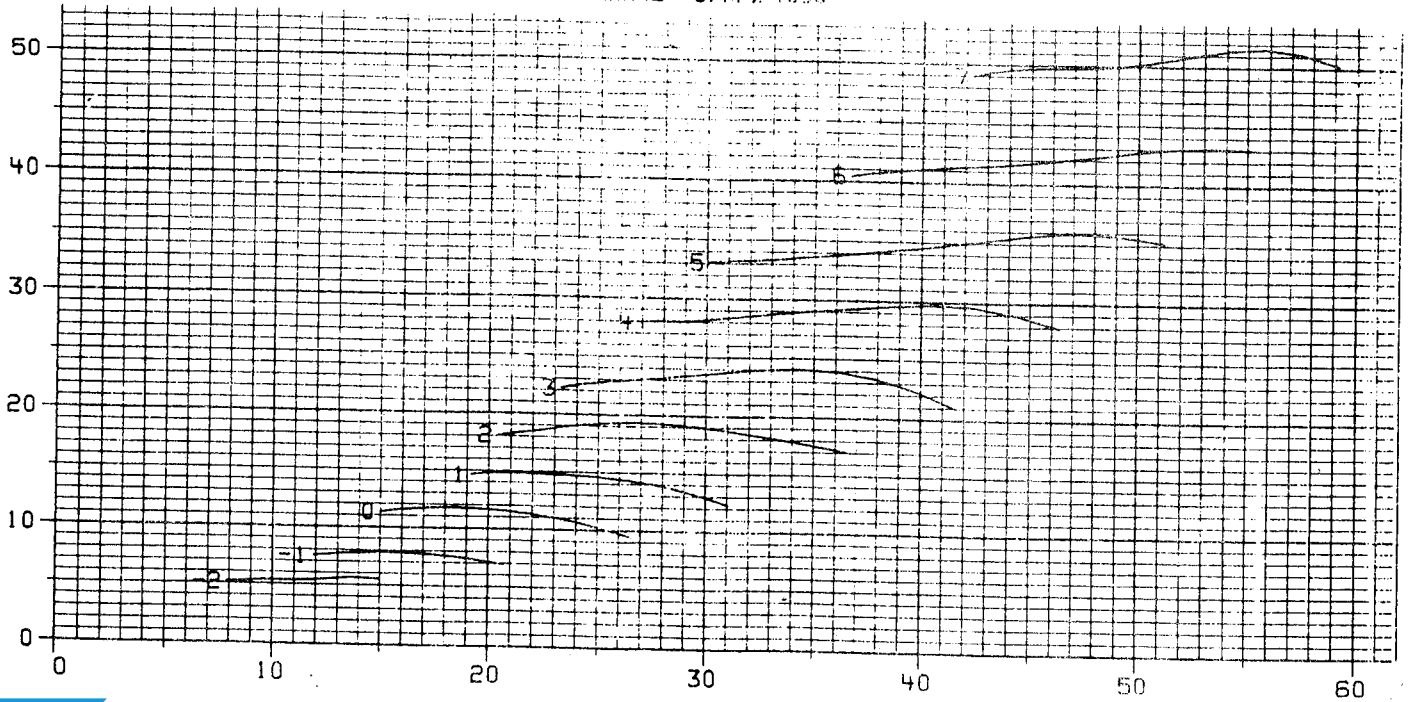
FAN OV, FPM/100 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56
 CONE OV, FPM/100 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



VOLUME - CFM x 1000

HORSEPOWER



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 4950-C6-1160

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	103	106	102	100	95	89	82	76	-2	90
	101	103	101	100	95	90	82	76	-1	90
	101	98	100	101	95	90	83	77	0	90
	104	100	102	101	97	91	84	79	1	91
	106	102	104	102	98	92	85	80	2	92
	106	102	104	102	99	93	86	82	3	92
	107	103	104	103	99	94	88	84	4	93
	110	106	107	105	102	95	89	86	5	95
	113	109	110	108	104	97	90	87	6	98
	115	110	112	111	107	99	91	88	7	100
									8	
MEDIUM Medium point is read at average TP/VP of low and high points	99	102	100	99	95	89	82	77	-2	89
	99	100	100	99	95	90	83	77	-1	89
	100	97	99	100	96	91	84	77	0	89
	107	99	100	100	96	91	84	78	1	89
	105	100	101	99	96	91	84	79	2	90
	105	101	102	101	97	92	86	81	3	91
	105	101	103	103	99	94	87	84	4	93
	106	102	106	105	101	95	89	86	5	95
	107	103	108	108	103	96	90	87	6	97
	107	103	111	109	105	98	91	89	7	99
									8	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	96	98	100	100	96	91	84	78	-2	90
	97	97	98	99	96	92	85	78	-1	89
	98	97	96	97	96	92	86	78	0	88
	102	99	98	98	96	92	85	78	1	89
	104	102	100	99	95	91	85	78	2	89
	106	102	103	100	97	92	86	81	3	91
	108	103	105	102	99	94	87	83	4	93
	107	103	105	104	101	95	89	85	5	94
	106	103	106	107	103	96	90	87	6	96
	105	103	108	109	105	98	91	89	7	98
									8	

THE SOUND POWER LEVEL RATINGS SHOWN are decibels referred to 10⁻¹² watt and were obtained in accordance with AMCA Standard 300, Test Setup Number B. Values shown are sound power level at the fan inlet.

THE SOUND PRESSURE RATINGS SHOWN are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 ft.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

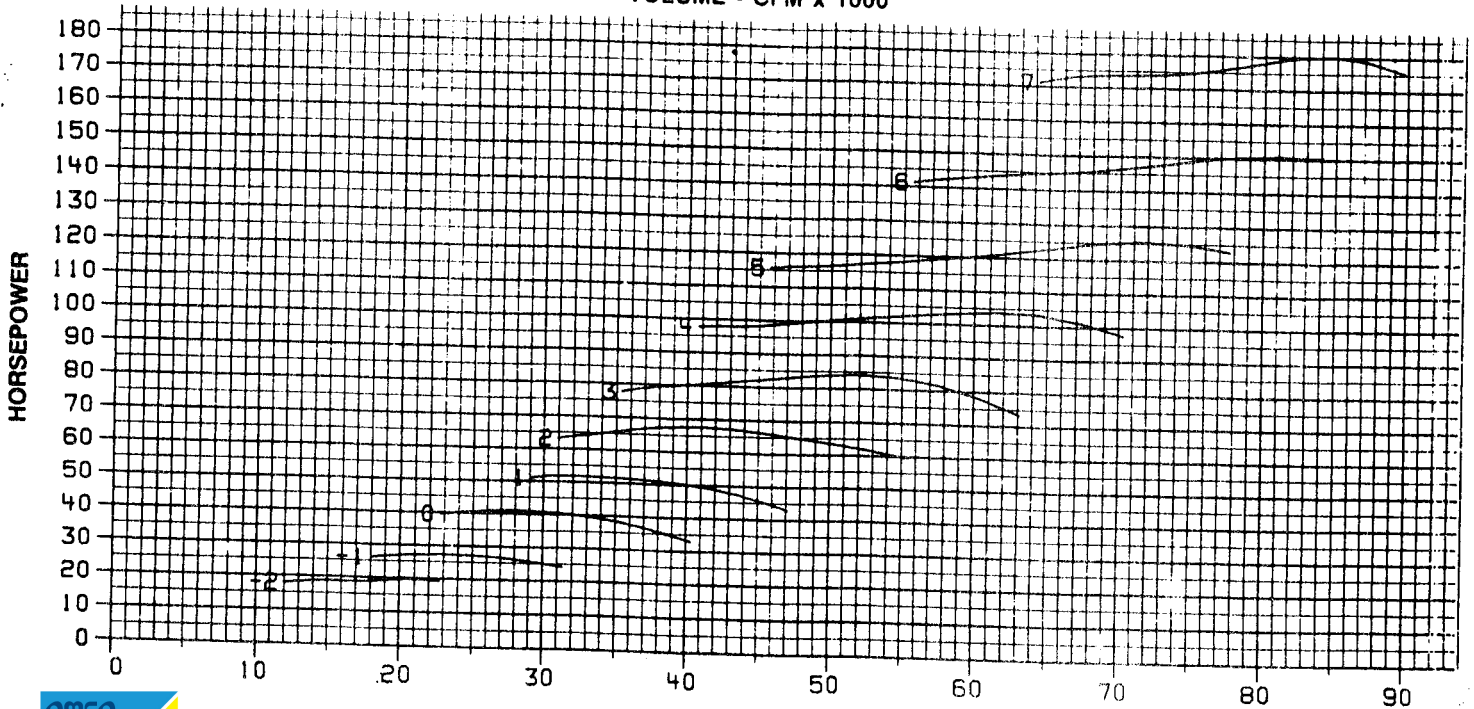
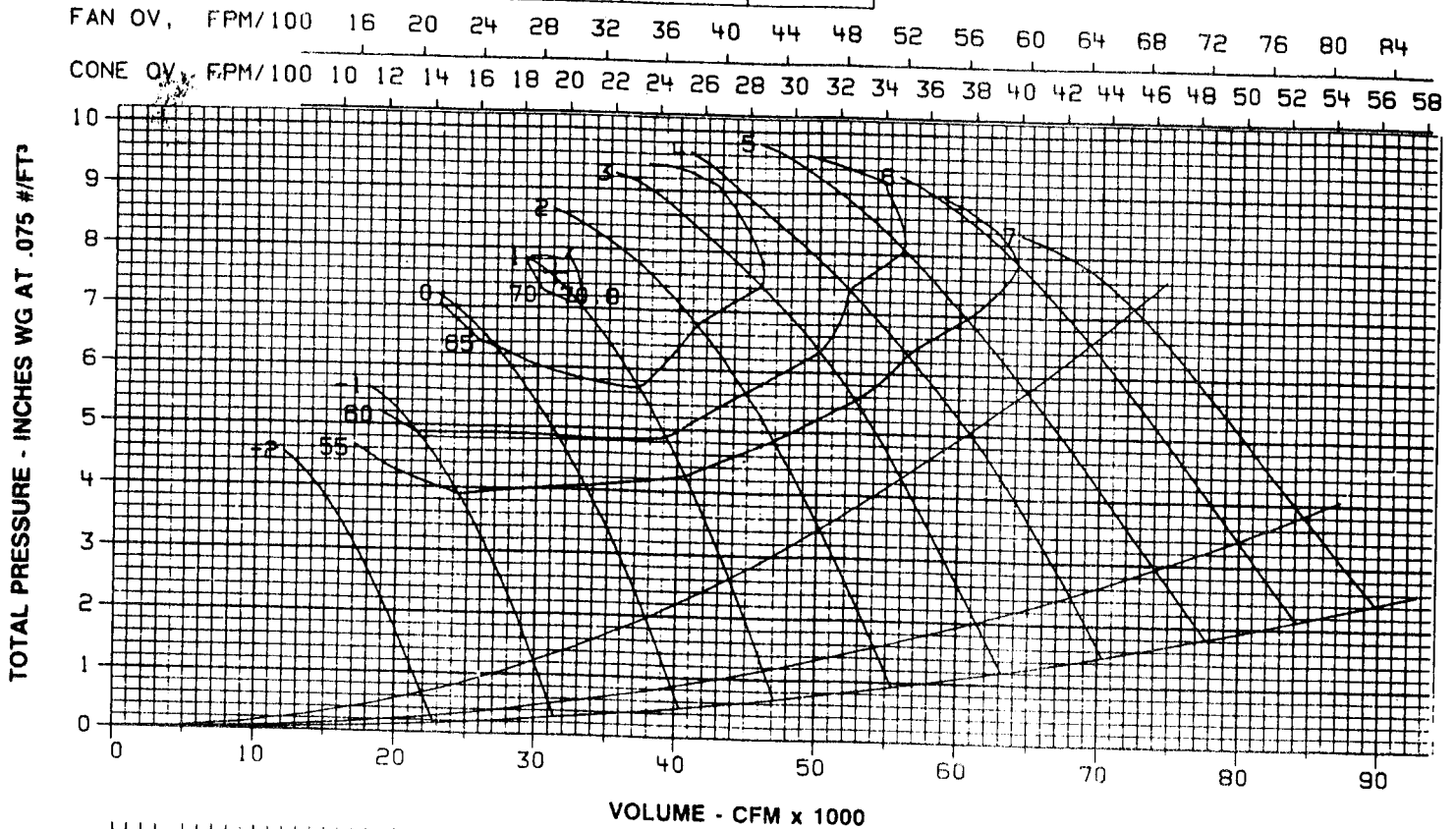
SIZE 4450-C 6-1760

RPM 1760

MOTOR HP	MIN.	A/4 MAX.
	50	300

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EFFECTIVE: SEPTEMBER 2019



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 4450-C6-1760

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	110	117	113	111	107	102	95	88	-2	101
	109	113	112	110	108	102	96	89	-1	101
	109	111	109	110	108	103	97	90	0	100
	111	113	110	111	108	104	97	91	1	101
	113	115	112	112	109	105	98	92	2	102
	113	116	113	112	110	105	99	94	3	103
	114	116	113	113	110	106	100	95	4	104
	117	119	116	116	113	108	102	96	5	106
	120	122	119	118	116	110	103	98	6	109
	122	124	120	121	118	112	104	99	7	111
								8		
MEDIUM Medium point is read at average TP/VP of low and high points	107	112	110	109	107	102	95	89	-2	100
	107	110	109	109	107	103	96	90	-1	100
	108	110	108	108	107	103	97	90	0	100
	110	112	109	109	107	103	97	91	1	100
	112	114	110	110	107	103	97	91	2	100
	112	114	110	111	109	104	99	93	3	102
	112	115	112	112	110	106	100	95	4	103
	113	116	113	115	113	108	101	96	5	105
	114	117	115	117	115	109	103	98	6	107
	114	117	116	119	117	111	104	99	7	109
								8		
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	105	107	109	110	107	104	97	91	-2	101
	106	108	107	108	107	104	98	91	-1	100
	106	109	106	106	106	103	99	92	0	99
	109	112	108	107	106	103	98	91	1	99
	111	114	111	109	106	103	98	91	2	100
	113	116	112	111	108	104	99	93	3	102
	115	117	113	113	110	106	100	95	4	103
	114	116	114	114	112	107	101	96	5	105
	113	116	114	115	114	109	103	98	6	106
	112	115	115	117	117	111	104	100	7	108
								8		

THE SOUND POWER LEVEL RATINGS SHOWN are decibels referred to 10⁻¹² watt and were obtained in accordance with AMCA Standard 300, Test Setup Number B. Values shown are sound power level at the fan inlet.

THE SOUND PRESSURE RATINGS SHOWN are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 ft.



VAV

VANEAXIAL FAN
ADJUSTABLE PITCH
CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 4900-C 6- 890

RPM 890

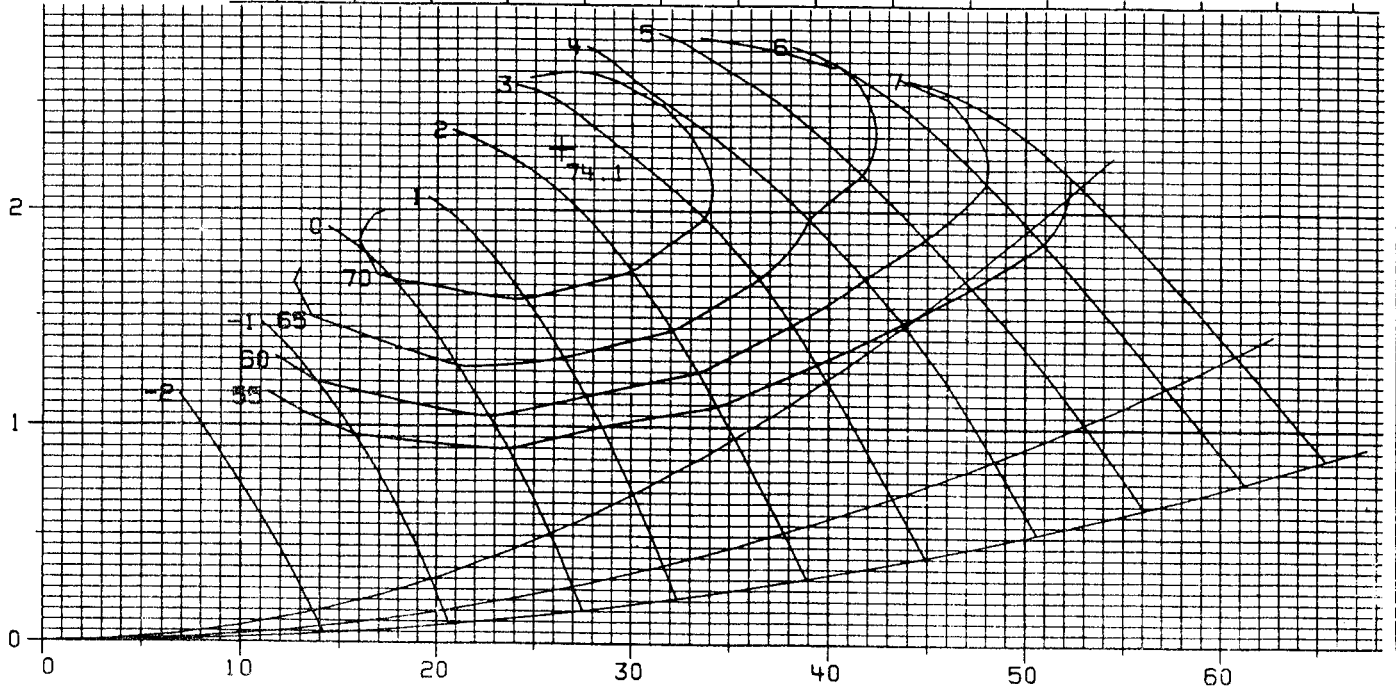
MOTOR HP	MIN.	A/4 MAX.
	10	200

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EFFECTIVE: SEPTEMBER 2019

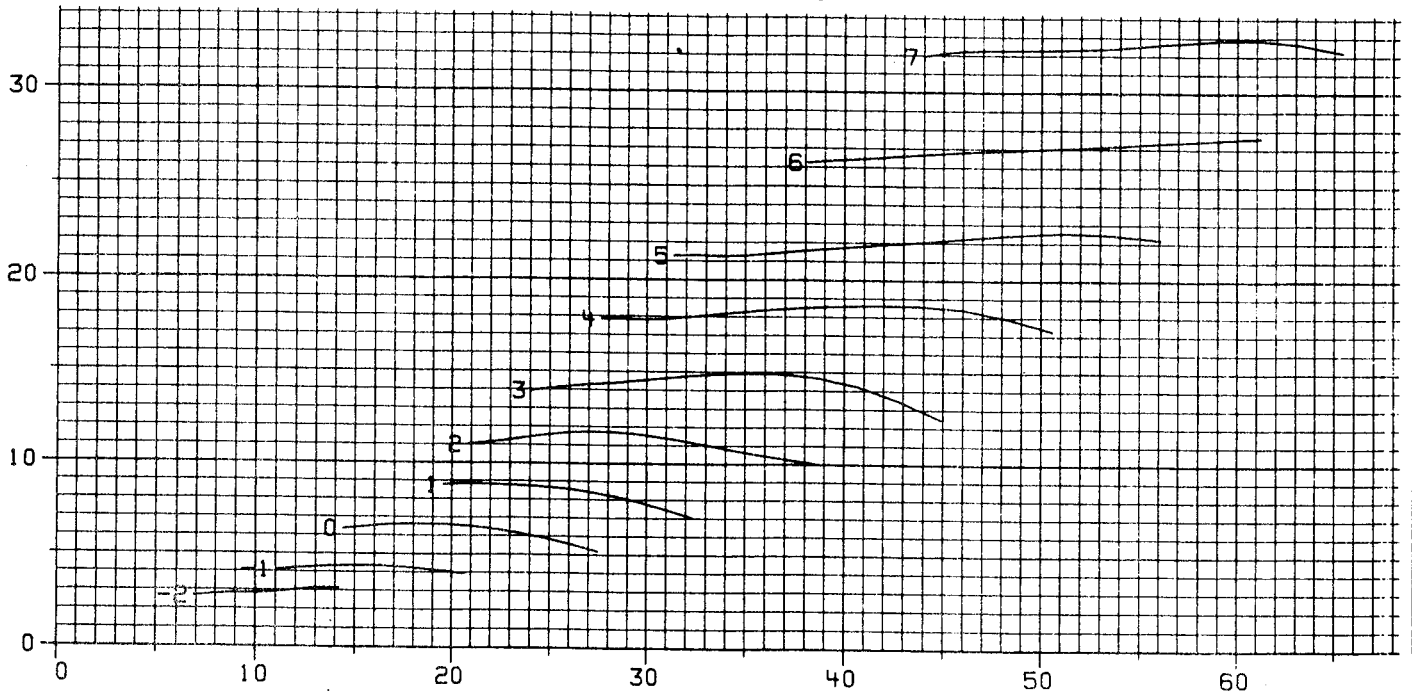
FAN OV, FPM/100 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50
 CONE OV, FPM/100 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



VOLUME - CFM x 1000

HORSEPOWER



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

BULLETIN VAV-47

FAN MODEL: 4900-C6-890

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	102	101	97	94	90	84	77	70	-2	85
	98	98	97	95	91	84	77	70	-1	85
	94	94	97	97	91	85	78	71	0	86
	97	96	99	97	93	86	79	73	1	87
	100	98	100	98	94	88	81	76	2	88
	100	99	100	97	94	88	83	79	3	88
	101	99	99	97	94	89	84	81	4	87
	104	102	102	100	96	90	85	82	5	90
	107	106	106	102	98	91	86	83	6	92
	109	107	108	105	100	92	87	83	7	94
									8	
MEDIUM Medium point is read at average TP/VP of low and high points	99	99	98	94	90	84	77	70	-2	84
	96	97	96	95	91	85	78	71	-1	85
	94	93	96	96	92	86	78	71	0	85
	96	95	96	95	91	86	79	72	1	85
	99	97	97	95	91	85	79	73	2	85
	99	97	98	96	92	87	81	77	3	86
	100	98	99	97	93	89	84	81	4	87
	101	100	102	100	95	90	85	82	5	89
	103	102	104	102	97	91	86	84	6	92
	103	103	107	104	99	92	87	85	7	93
									8	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	94	97	98	96	91	85	78	71	-2	85
	93	94	95	94	91	87	79	71	-1	85
	92	91	92	93	91	88	81	72	0	84
	95	94	94	93	91	87	80	72	1	84
	99	97	95	93	90	86	79	72	2	84
	100	98	97	95	92	87	81	76	3	85
	102	99	99	96	93	89	83	79	4	87
	101	100	101	99	95	90	85	81	5	89
	101	100	102	101	96	91	86	83	6	91
	101	101	105	104	99	92	85	85	7	93
									8	

THE SOUND POWER LEVEL RATINGS SHOWN are decibels referred to 10⁻¹² watt and were obtained in accordance with AMCA Standard 300, Test Setup Number B. Values shown are sound power level at the fan inlet.

THE SOUND PRESSURE RATINGS SHOWN are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 ft.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 4900-C 6-1160

RPM 1160

MOTOR HP	MIN.	A/4 MAX.
	20	250

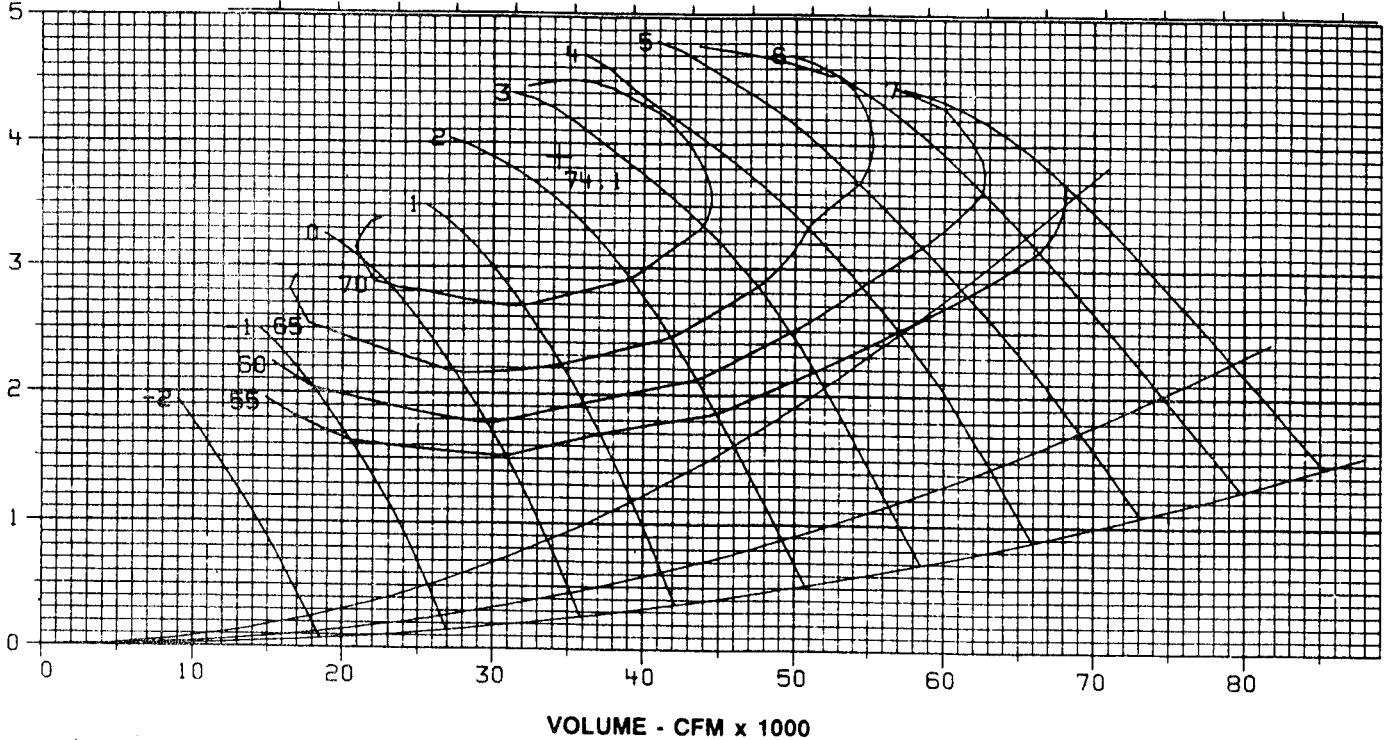
PAGE 150

EFFECTIVE: SEPTEMBER 2019

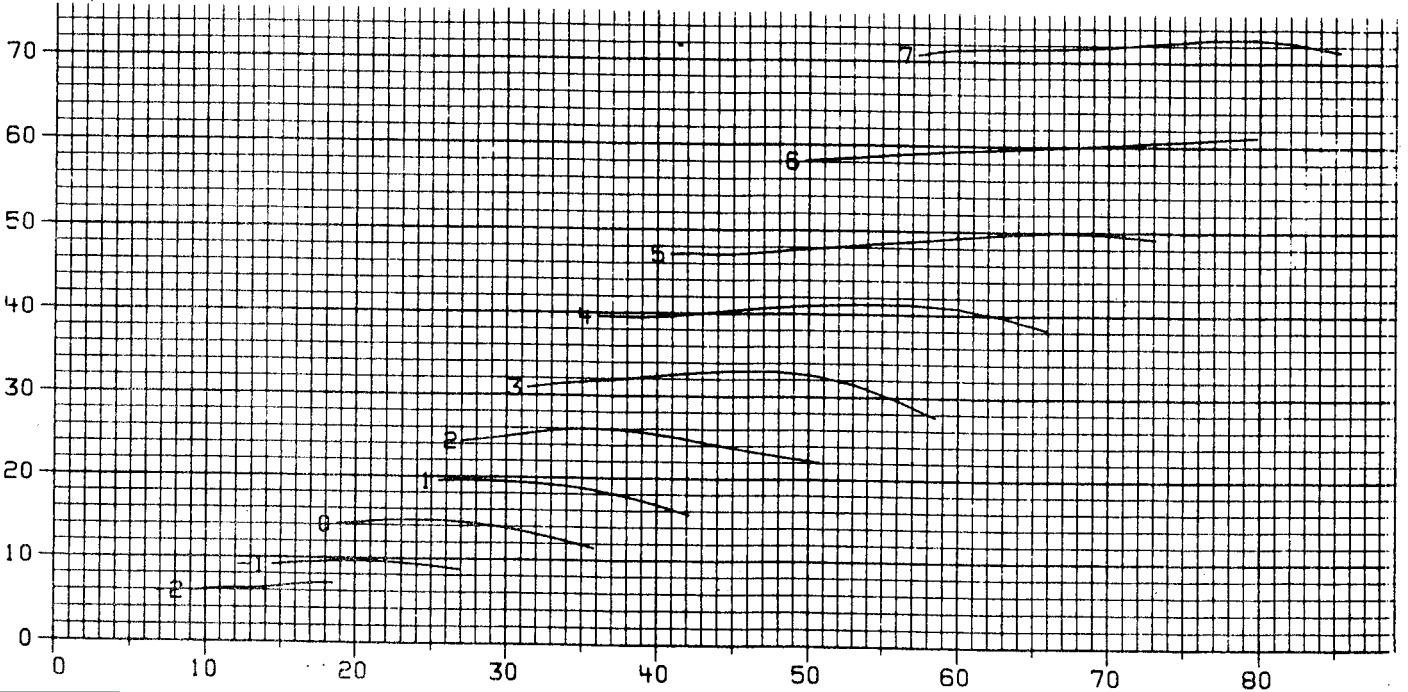
FAN OV, FPM/100 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66

CONE OV, FPM/100 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



HORSEPOWER



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 4800-C6-1160

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	104	111	103	102	98	92	85	78	-2	92
	103	106	103	103	98	93	86	79	-1	92
	102	100	102	105	99	94	86	79	0	93
	105	101	104	105	100	95	87	82	1	94
	108	103	107	105	102	96	89	84	2	95
	109	104	106	104	101	97	90	86	3	95
	109	104	106	103	101	97	91	88	4	94
	112	108	109	107	103	98	92	89	5	97
	115	112	112	110	106	100	93	90	6	100
	118	113	115	112	108	101	93	90	7	102
									8	
MEDIUM Medium point is read at average TP/VP of low and high points	102	108	102	101	98	92	85	78	-2	92
	101	104	102	102	98	93	86	79	-1	92
	101	99	101	103	99	94	87	80	0	92
	104	101	102	102	99	94	87	80	1	92
	107	102	103	101	99	94	87	81	2	92
	108	103	104	103	100	95	89	84	3	93
	108	103	105	105	100	97	91	88	4	95
	110	105	107	107	103	98	92	89	5	97
	111	106	110	110	105	99	93	90	6	99
	111	107	113	112	107	100	94	91	7	101
									8	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	99	103	104	103	99	94	87	79	-2	93
	99	100	101	101	98	95	88	80	-1	92
	99	97	97	99	98	96	90	81	0	91
	103	100	99	99	97	95	89	81	1	91
	106	104	102	99	97	94	87	80	2	91
	108	105	104	101	99	95	89	83	3	92
	110	105	106	103	100	97	91	87	4	94
	109	105	107	106	102	98	92	88	5	96
	109	105	107	108	104	98	93	90	6	98
	108	106	110	111	107	100	94	91	7	100
									8	

THE SOUND POWER LEVEL RATINGS SHOWN are decibels referred to 10⁻¹² watt and were obtained in accordance with AMCA Standard 300, Test Setup Number B. Values shown are sound power level at the fan inlet.

THE SOUND PRESSURE RATINGS SHOWN are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 ft.



VAV

VANEAXIAL FAN
ADJUSTABLE PITCH
CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 4900-C 6-1760

RPM 1760

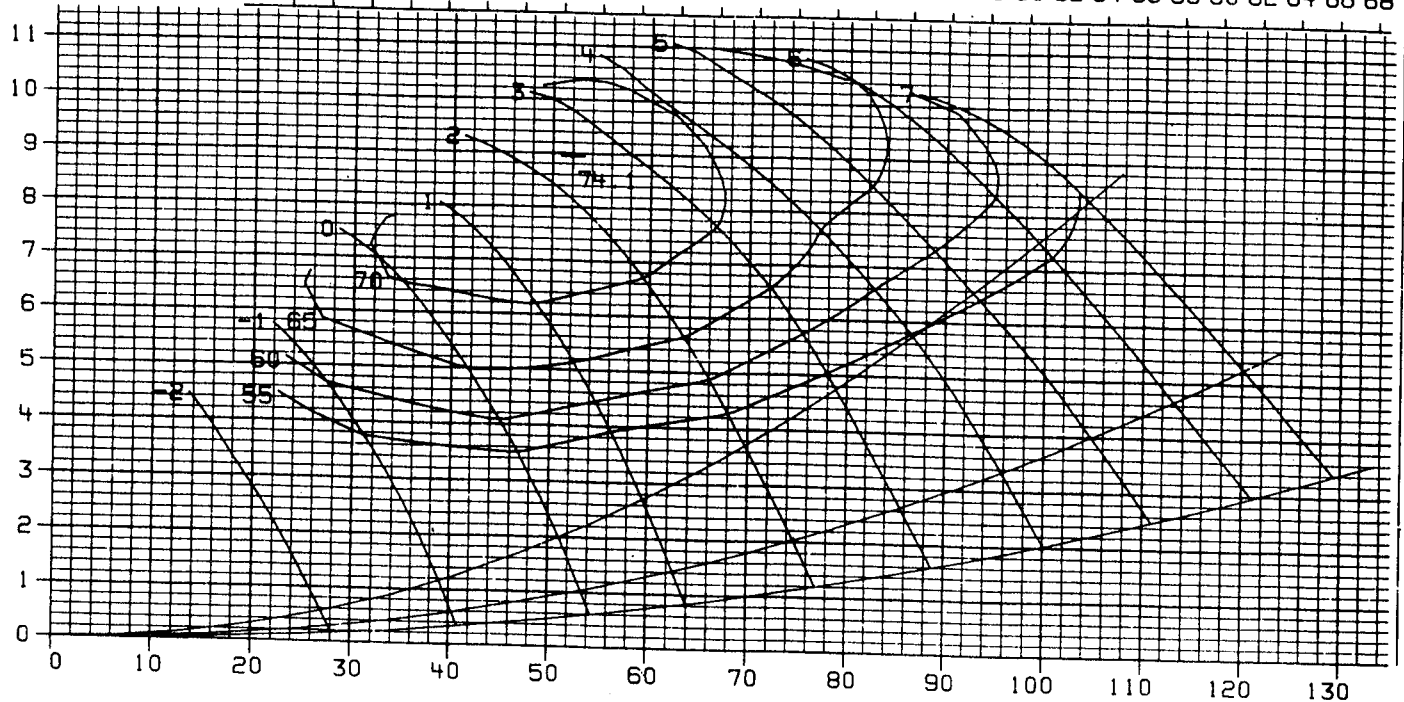
MOTOR HP	MIN.	A/4 MAX.
	50	300

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EFFECTIVE: SEPTEMBER 2019

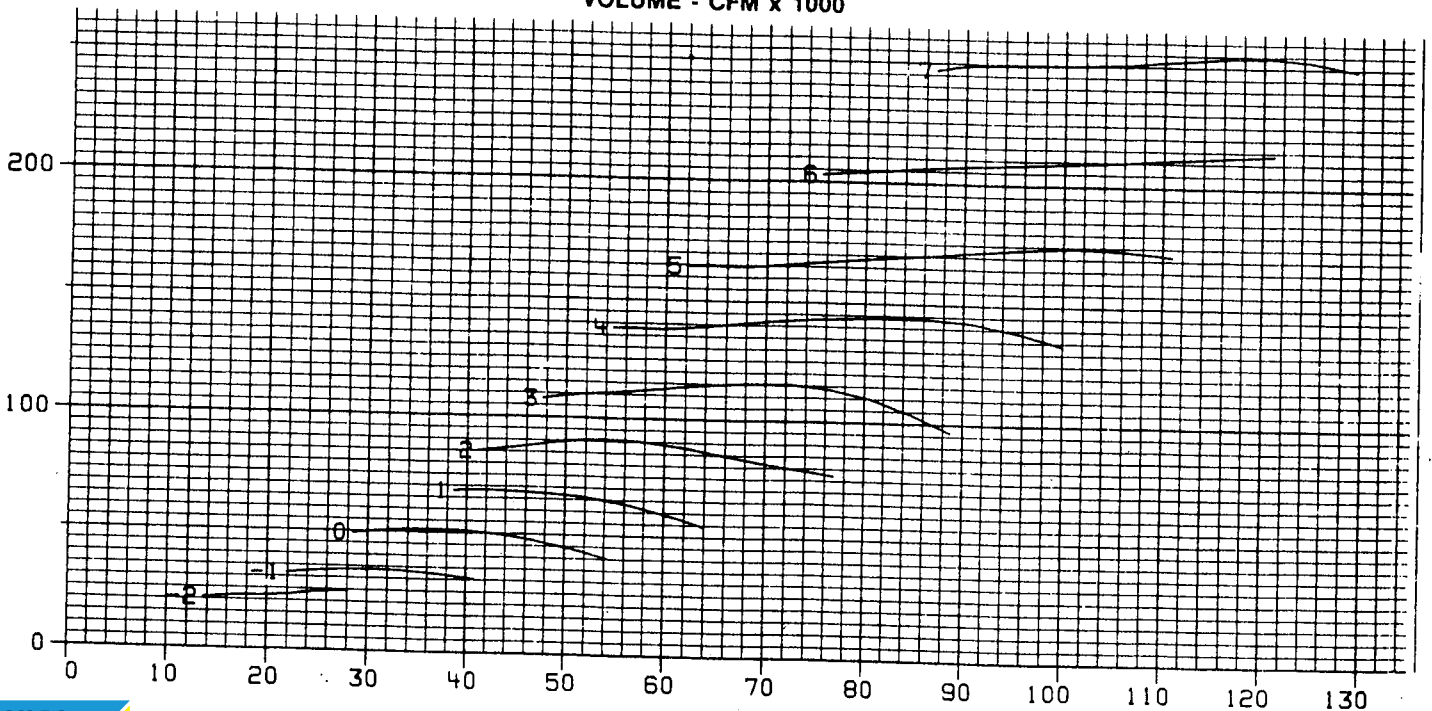
FAN OV, FPM/100 20 24 28 32 36 40 44 48 52 56 60 64 68 72 76 80 84 88 92 96 100
 CONE OV, FPM/100 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



VOLUME - CFM x 1000

HORSEPOWER



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.



1675 GLEN ELLYN ROAD
 GLENDALE HEIGHTS, ILLINOIS 60139
 Phone 708-858-2600

EFFECTIVE: SEPTEMBER 2019

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FAN MODEL: 4900-C6-1160

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	110	119	117	112	109	105	98	91	-2	103
	110	115	114	112	110	105	99	92	-1	103
	109	111	110	112	111	106	100	93	0	103
	113	114	112	114	112	107	101	94	1	104
	116	117	114	115	113	109	102	96	2	106
	116	117	114	114	112	108	103	97	3	105
	116	118	115	114	111	108	104	99	4	105
	119	121	118	117	114	110	105	100	5	108
	122	124	122	120	117	112	106	100	6	111
	125	126	123	123	119	114	107	101	7	113
									8	
MEDIUM Medium point is read at average TP/VP of low and high points	108	116	115	111	109	105	98	91	-2	103
	108	113	112	111	110	106	99	92	-1	103
	109	110	109	111	111	106	100	93	0	103
	111	113	111	111	110	106	100	93	1	103
	114	116	112	112	109	106	100	94	2	103
	115	116	113	113	111	107	102	96	3	104
	115	117	114	114	112	108	104	99	4	105
	117	118	115	116	114	110	105	100	5	107
	118	120	117	119	117	112	106	101	6	109
	118	120	119	121	119	113	107	102	7	111
									8	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	107	111	113	113	110	106	100	93	-2	103
	107	109	110	110	109	106	101	94	-1	102
	107	108	107	107	108	106	102	95	0	101
	110	112	109	108	108	105	101	94	1	101
	113	116	112	110	107	105	100	94	2	102
	116	117	114	112	109	106	102	96	3	103
	118	119	115	114	111	108	103	98	4	105
	117	118	116	115	113	110	104	99	5	107
	116	118	116	117	116	111	105	101	6	108
	115	118	117	120	119	113	107	102	7	111
									8	

THE SOUND POWER LEVEL RATINGS SHOWN are decibels referred to 10⁻¹² watt and were obtained in accordance with AMCA Standard 300, Test Setup Number B. Values shown are sound power level at the fan inlet.

THE SOUND PRESSURE RATINGS SHOWN are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 ft.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 5425-C 6- 890

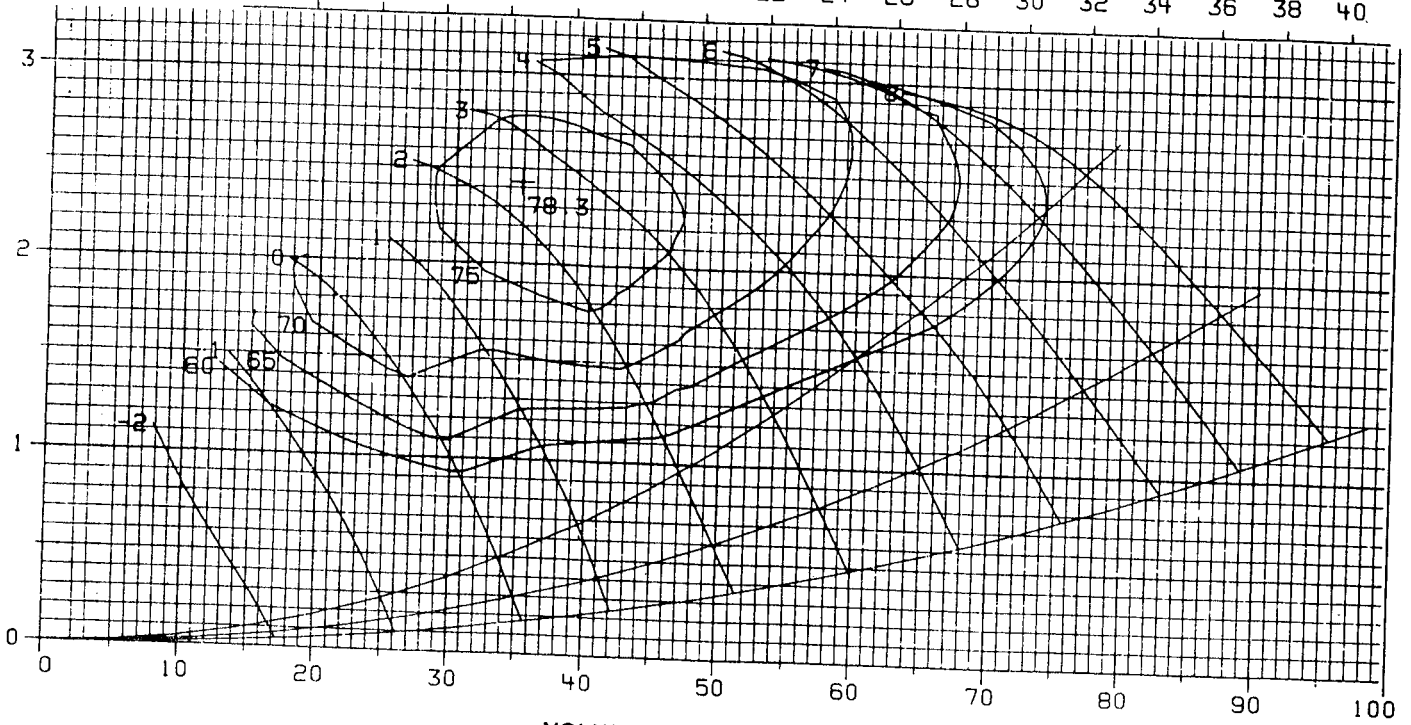
RPM 890

MOTOR HP	MIN.	A/4 MAX.
	10	200

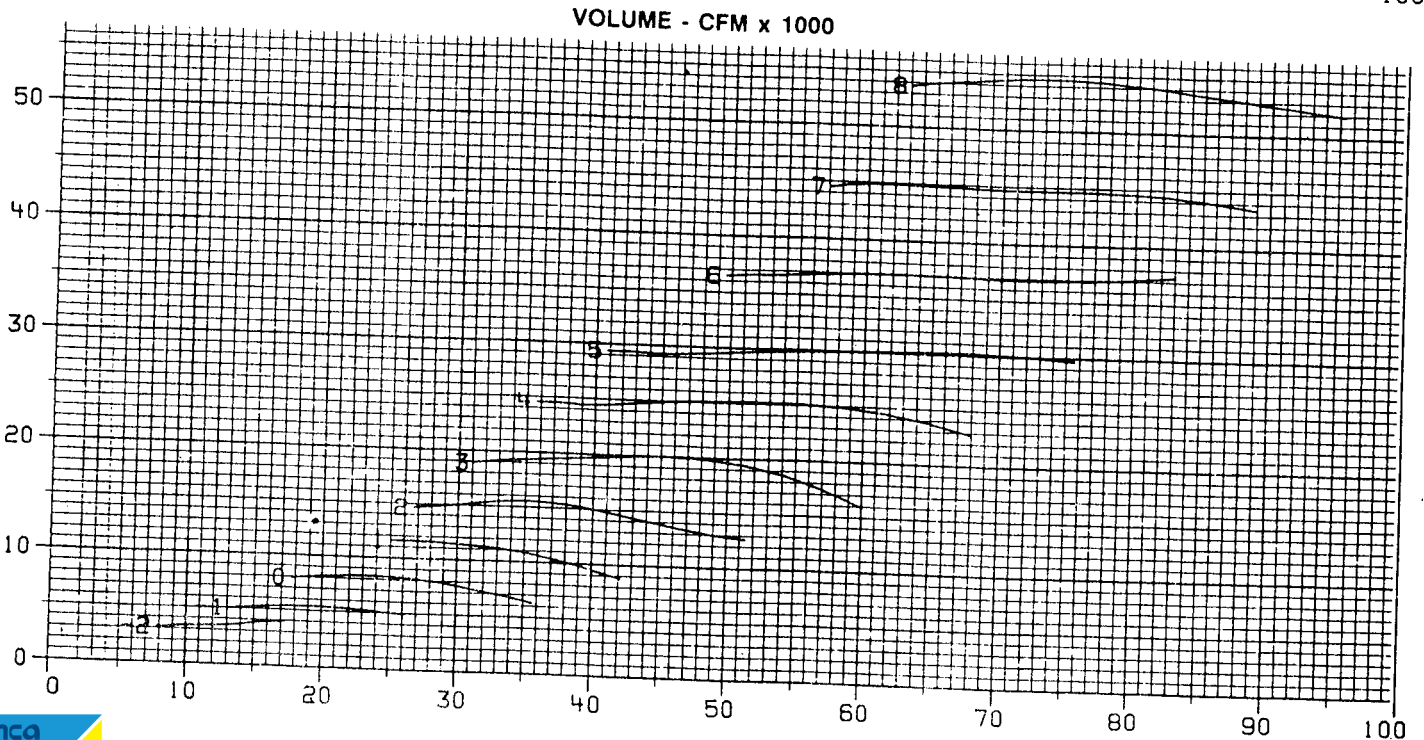
PAGE 152
EFFECTIVE: SEPTEMBER 2019

FAN OV, FPM/100 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60
CONE OV, FPM/100 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



HORSEPOWER



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 5425-C6-890

LW - Sound Power Level										Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8			
Center Frequency:	63	125	250	500	1000	2000	4000	8000			
TP/VP											
HIGH High point is read at peak of curve at maximum total pressure	103	106	97	96	93	87	80	72	-2	87	
	99	101	99	98	94	88	80	73	-1	88	
	95	96	100	100	95	89	81	73	0	89	
	98	98	102	101	96	90	83	76	1	90	
	102	101	103	101	98	92	85	80	2	91	
	102	101	102	100	97	92	87	83	3	90	
	102	100	101	98	96	93	88	86	4	90	
	106	105	104	101	98	93	89	85	5	92	
	110	109	108	104	100	94	89	85	6	94	
	112	111	110	106	102	95	89	95	7	96	
	118	113	112	109	103	96	90	85	8	99	
MEDIUM Medium point is read at average TP/VP of low and high points	101	105	99	97	93	87	89	72	-2	87	
	98	100	99	98	94	88	80	72	-1	88	
	94	95	98	99	95	89	81	73	0	88	
	98	97	99	98	94	89	82	74	1	88	
	101	99	99	97	94	89	82	76	2	87	
	101	99	100	98	95	91	85	80	3	89	
	102	100	101	99	96	92	88	85	4	90	
	104	102	104	102	97	93	89	86	5	92	
	106	104	106	104	99	94	89	86	6	94	
	106	106	109	106	101	95	89	87	7	96	
	110	107	111	109	103	96	90	87	8	98	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	97	102	102	99	94	88	80	72	-2	89	
	94	96	98	97	94	90	82	73	-1	87	
	92	91	94	95	94	92	84	74	0	87	
	96	95	95	93	93	90	83	74	1	86	
	100	99	96	93	92	89	82	74	2	86	
	102	100	98	96	94	90	84	78	3	87	
	104	101	100	98	96	92	87	83	4	89	
	104	102	102	100	97	93	88	84	5	91	
	103	102	104	103	98	93	89	86	6	93	
	103	104	108	106	101	94	89	87	7	95	
	106	104	111	109	103	96	90	88	8	98	

THE SOUND POWER LEVEL RATINGS SHOWN are decibels referred to 10⁻¹² watt and were obtained in accordance with AMCA Standard 300, Test Setup Number B. Values shown are sound power level at the fan inlet.

THE SOUND PRESSURE RATINGS SHOWN are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 ft.



VAV ADJUSTABLE PITCH VANEAXIAL FAN

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone A/C 312-858-2600

SIZE 5425-C 6-1160

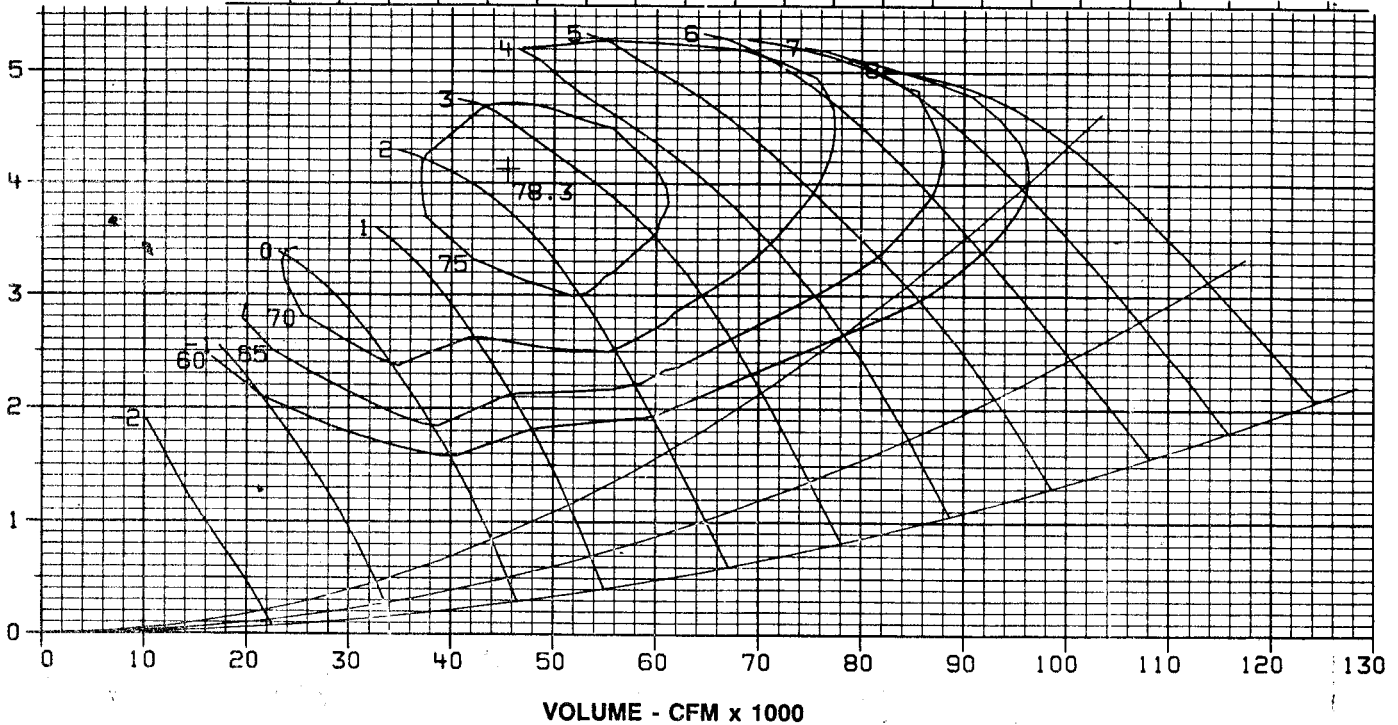
RPM 1160

MOTOR HP	MIN.	A/4 MAX.
		25

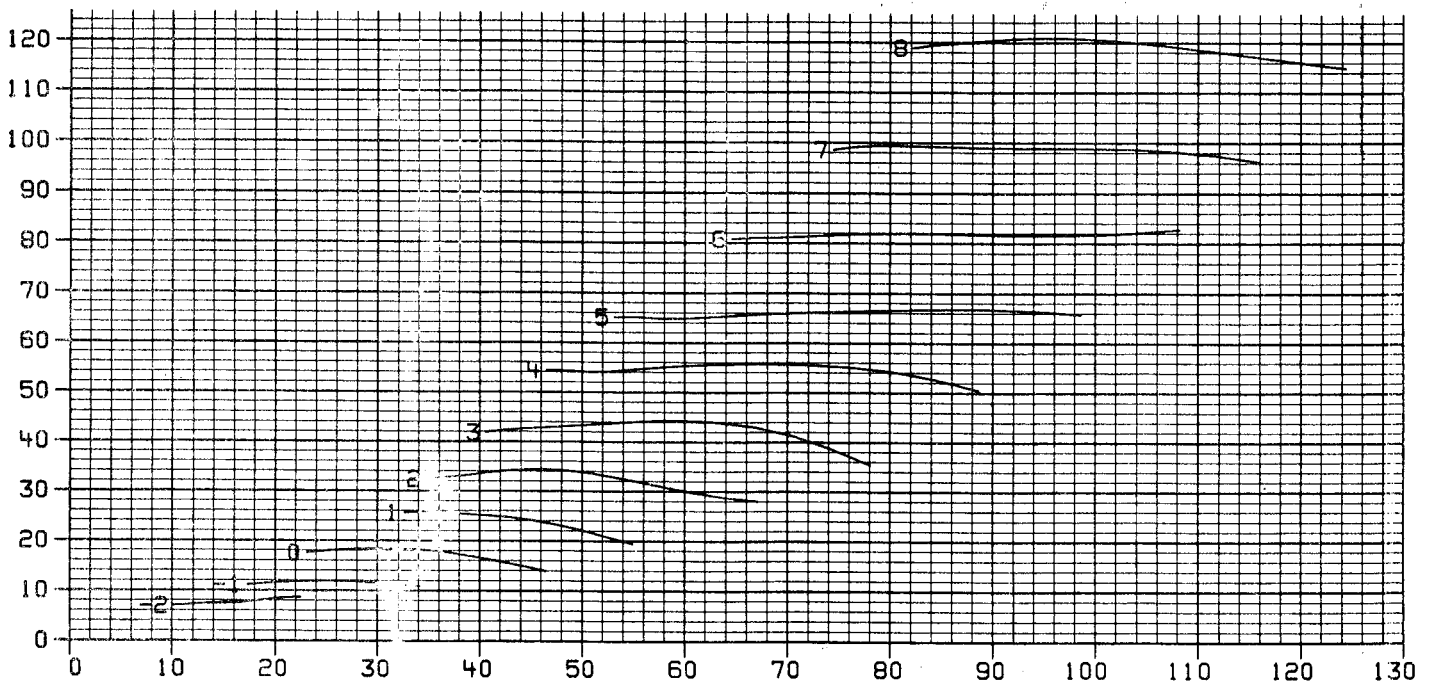
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FAN OV, FPM/100 16 20 24 28 32 36 40 44 48 52 56 60 64 68 72 76 80
CONE OV, FPM/100 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



HORSEPOWER



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests made in accordance with AMCA Standard 210 and AMCA Standard 300 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.



FAN MODEL: 5425-C6-1160

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	103	119	103	103	100	96	88	81	-2	96
	102	110	104	106	101	97	89	81	-1	95
	102	101	104	109	103	97	89	82	0	97
	106	103	107	108	104	99	91	84	1	98
	111	105	110	108	106	101	92	87	2	99
	111	106	109	106	104	101	94	90	3	97
	111	106	107	104	102	100	95	92	4	96
	114	111	111	108	105	101	96	92	5	99
	117	115	115	111	107	102	96	92	6	102
	119	117	117	114	109	104	96	92	7	104
	121	118	119	116	112	105	97	93	8	106
MEDIUM Medium point is read at average TP/VP of low and high points	102	116	105	104	100	96	88	80	-2	95
	102	108	104	105	101	97	89	81	-1	95
	101	100	102	107	102	98	90	82	0	96
	105	102	104	105	102	98	90	83	1	95
	109	105	106	103	101	97	90	84	2	94
	110	105	106	105	102	99	92	88	3	96
	110	105	107	107	102	100	95	92	4	97
	112	108	109	109	105	101	95	93	5	99
	114	110	112	112	107	102	96	93	6	101
	114	110	114	114	109	103	96	93	7	103
	114	110	117	116	111	104	97	94	8	105
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	101	107	108	106	102	97	89	81	-2	96
	100	102	104	103	101	98	92	82	-1	94
	99	97	99	101	100	100	94	84	0	94
	103	101	101	101	99	98	92	83	1	93
	107	106	103	100	99	97	90	83	2	93
	110	107	105	102	101	98	92	86	3	94
	112	108	107	104	102	100	94	90	4	96
	111	108	108	107	104	101	95	91	5	98
	111	108	109	110	106	101	96	92	6	100
	111	109	113	114	109	103	96	94	7	103
	110	109	117	117	112	104	97	95	8	106

THE SOUND POWER LEVEL RATINGS SHOWN are decibels referred to 10⁻¹² watt and were obtained in accordance with AMCA Standard 300, Test Setup Number B. Values shown are sound power level at the fan inlet.

THE SOUND PRESSURE RATINGS SHOWN are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 ft.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



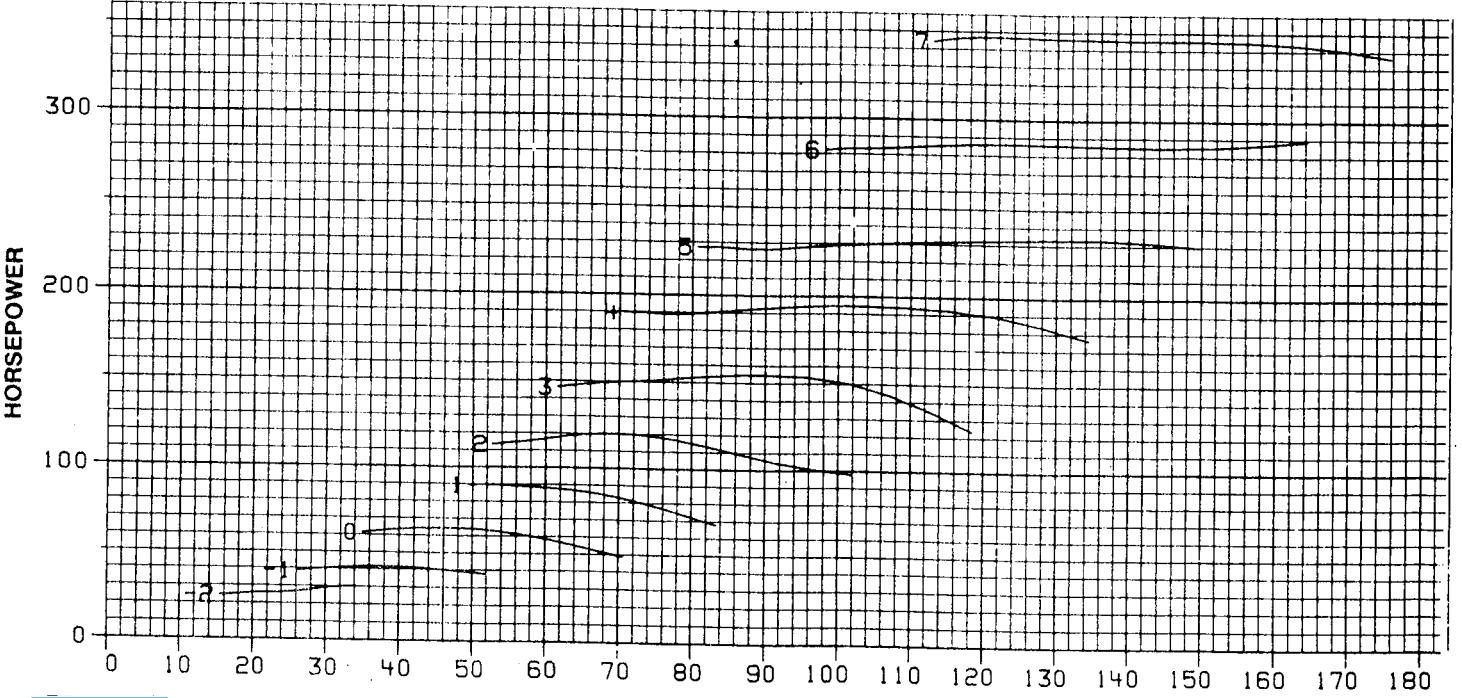
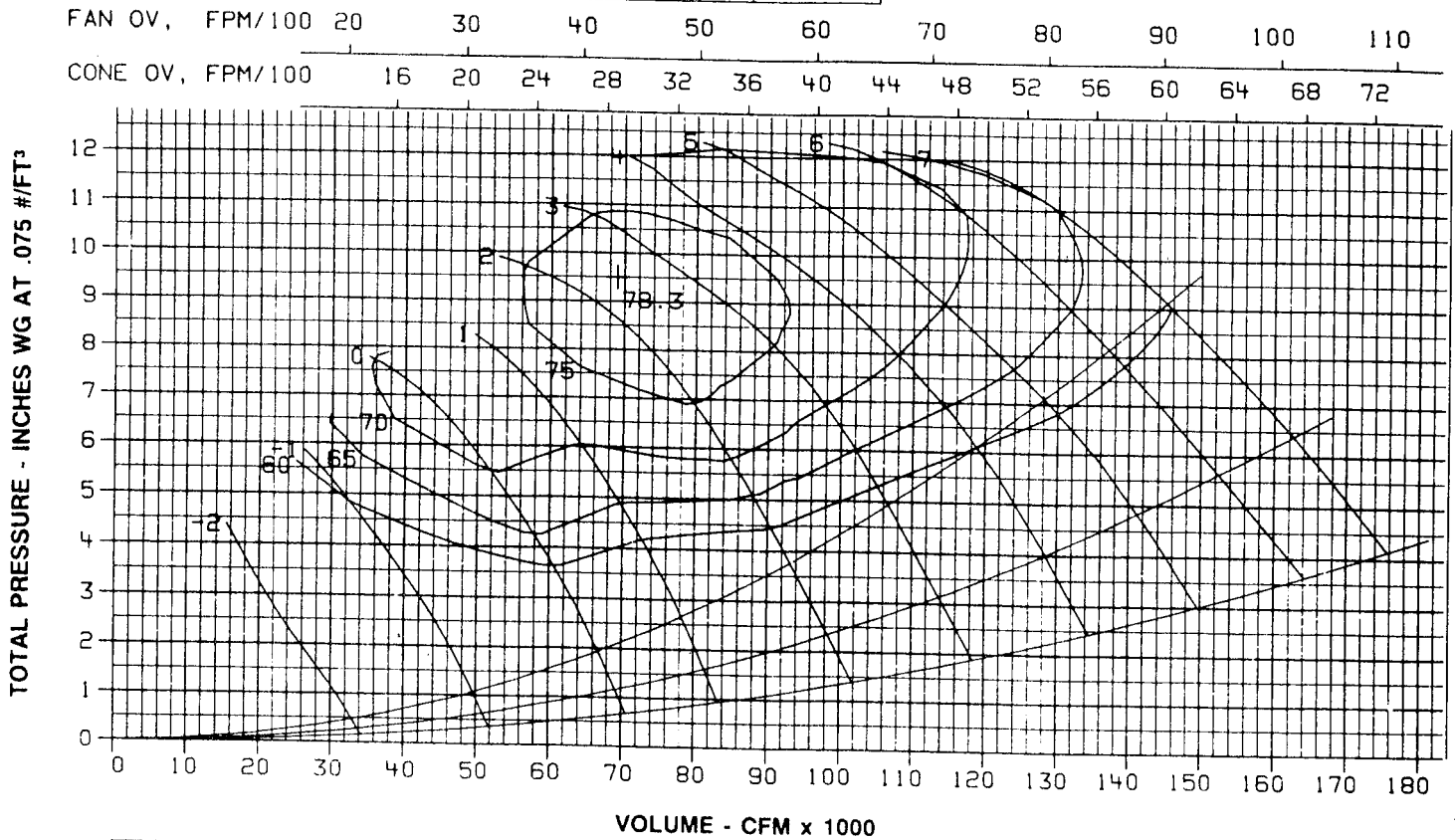
1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 5425-C 6-1760

RPM 1760

MOTOR HP	MIN.	A/4 MAX.
	60	300

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EFFECTIVE: SEPTEMBER 2019



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 5425-C6-1760

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure	110	120	122	112	111	107	102	94	-2	106
	109	116	117	114	113	108	103	95	-1	106
	109	112	112	115	115	110	103	95	0	107
	113	115	114	117	116	111	105	97	1	108
	118	119	117	118	116	113	106	99	2	109
	118	119	116	117	114	112	107	101	3	108
	118	119	116	115	113	111	107	103	4	107
	121	123	120	119	116	113	108	103	5	110
	124	127	125	122	119	114	109	103	6	113
	127	129	126	125	121	116	110	104	7	115
									8	
MEDIUM Medium point is read at average TP/VP of low and high points	109	118	121	114	111	108	102	94	-2	106
	109	114	116	113	113	109	103	95	-1	105
	109	111	111	113	114	110	104	96	0	106
	112	114	113	113	113	109	104	96	1	105
	116	118	115	114	112	109	103	96	2	105
	117	118	115	115	113	110	105	100	3	106
	118	119	116	116	114	111	107	103	4	107
	120	121	118	118	117	112	108	103	5	109
	122	123	120	121	119	114	108	104	6	112
	122	123	122	123	121	116	109	104	7	114
									8	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area	108	114	117	116	113	109	103	95	-2	107
	107	111	112	113	112	109	105	97	-1	105
	106	108	107	109	110	109	106	99	0	103
	110	113	111	110	109	108	105	98	1	103
	115	117	114	111	109	107	103	96	2	103
	117	119	116	113	111	109	105	99	3	105
	119	121	117	115	113	111	107	102	4	107
	119	120	118	117	115	112	107	103	5	108
	118	120	118	119	118	113	108	103	6	110
	118	120	120	122	121	115	109	104	7	113
									8	

THE SOUND POWER LEVEL RATINGS SHOWN are decibels referred to 10⁻¹² watt and were obtained in accordance with AMCA Standard 300, Test Setup Number B. Values shown are sound power level at the fan inlet.

THE SOUND PRESSURE RATINGS SHOWN are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 ft.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 6000-C 6- 690

RPM 690

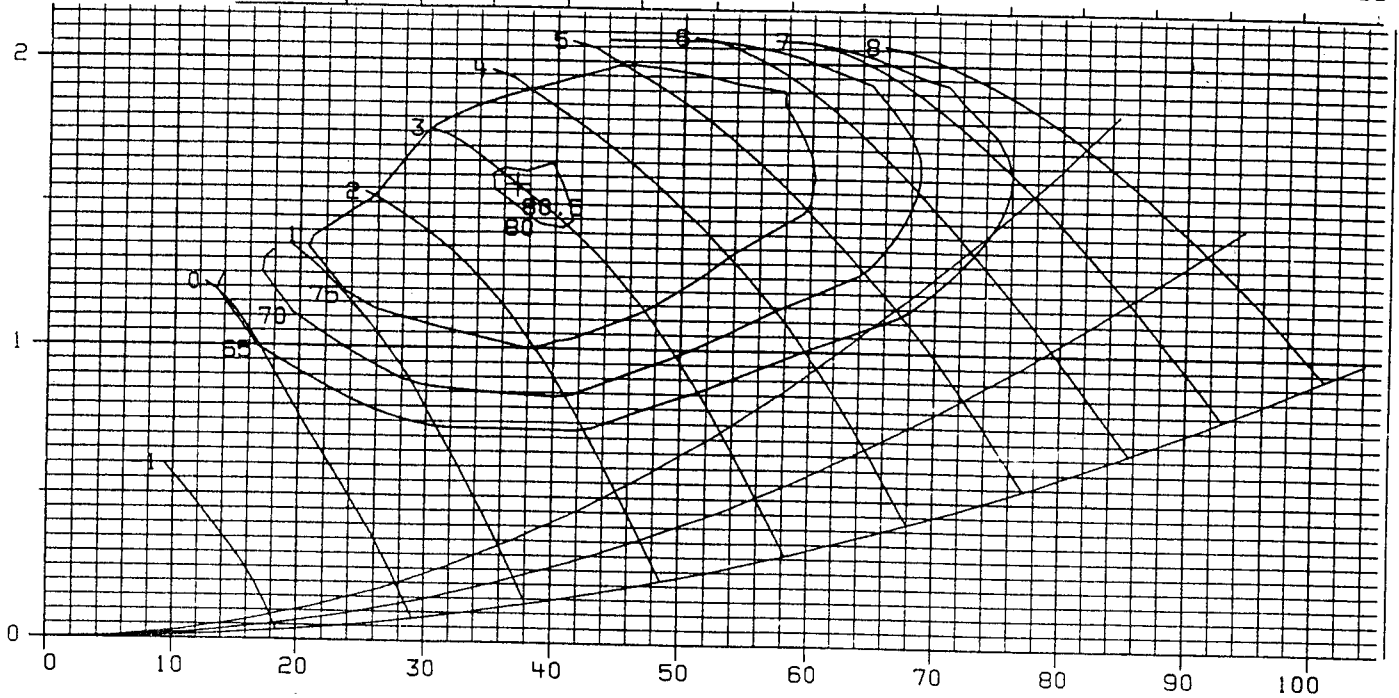
MOTOR HP	MIN.	A/4 MAX.
	7½	150

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EFFECTIVE: SEPTEMBER 2019

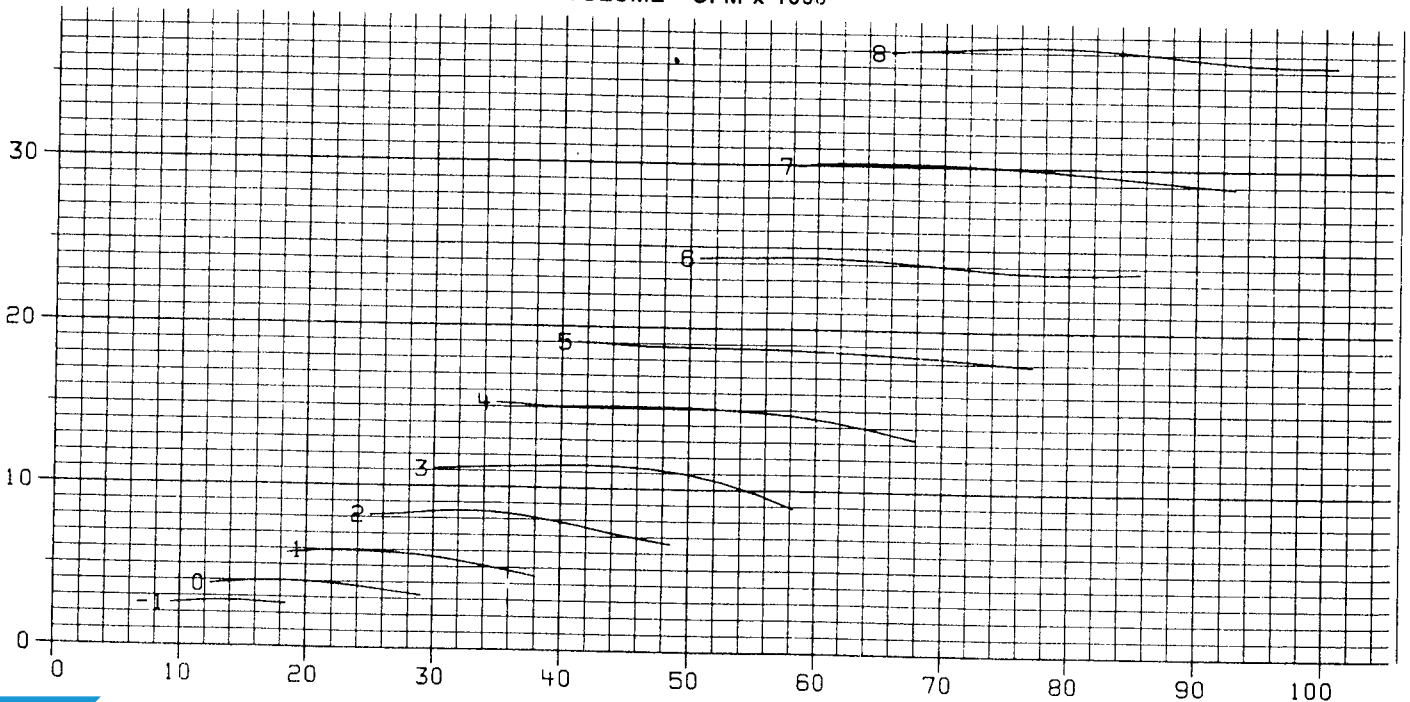
FAN OV, FPM/100 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52
 CONE OV, FPM/100 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



VOLUME - CFM x 1000

HORSEPOWER



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 6000-C6-690

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	99	97	97	95	90	83	76	67	-1	84
	92	94	98	95	90	84	76	68	0	84
	94	96	98	96	91	85	78	71	1	86
	95	98	99	98	93	86	80	74	2	87
	96	97	98	97	93	87	82	78	3	87
	96	97	98	96	93	88	84	81	4	86
	101	101	100	97	94	88	84	81	5	88
	106	105	103	99	94	88	84	81	6	90
108	107	106	102	96	90	85	81	7	92	
117	111	113	110	106	99	91	87	8	100	
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	97	96	97	94	90	84	76	67	-1	84
	91	92	96	95	91	85	78	72	0	84
	93	93	96	94	90	84	78	71	1	84
	95	95	95	94	90	84	77	71	2	84
	95	96	97	95	91	85	80	76	3	85
	96	98	98	95	92	87	84	80	4	86
	99	100	101	98	93	88	84	81	5	88
	103	103	104	100	95	89	85	82	6	90
104	105	106	102	96	90	86	86	7	92	
111	106	112	110	105	99	91	88	8	100	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	92	95	96	94	91	85	77	67	-1	84
	88	91	93	92	91	87	77	67	0	84
	91	92	92	91	90	85	77	68	1	83
	95	93	92	90	89	84	77	69	2	82
	96	95	94	92	90	85	79	73	3	83
	98	97	96	94	91	86	82	78	4	85
	98	99	99	97	93	87	83	80	5	87
	99	100	102	99	94	88	85	82	6	89
101	103	105	102	96	90	86	83	7	92	
108	104	111	111	106	99	91	89	8	100	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

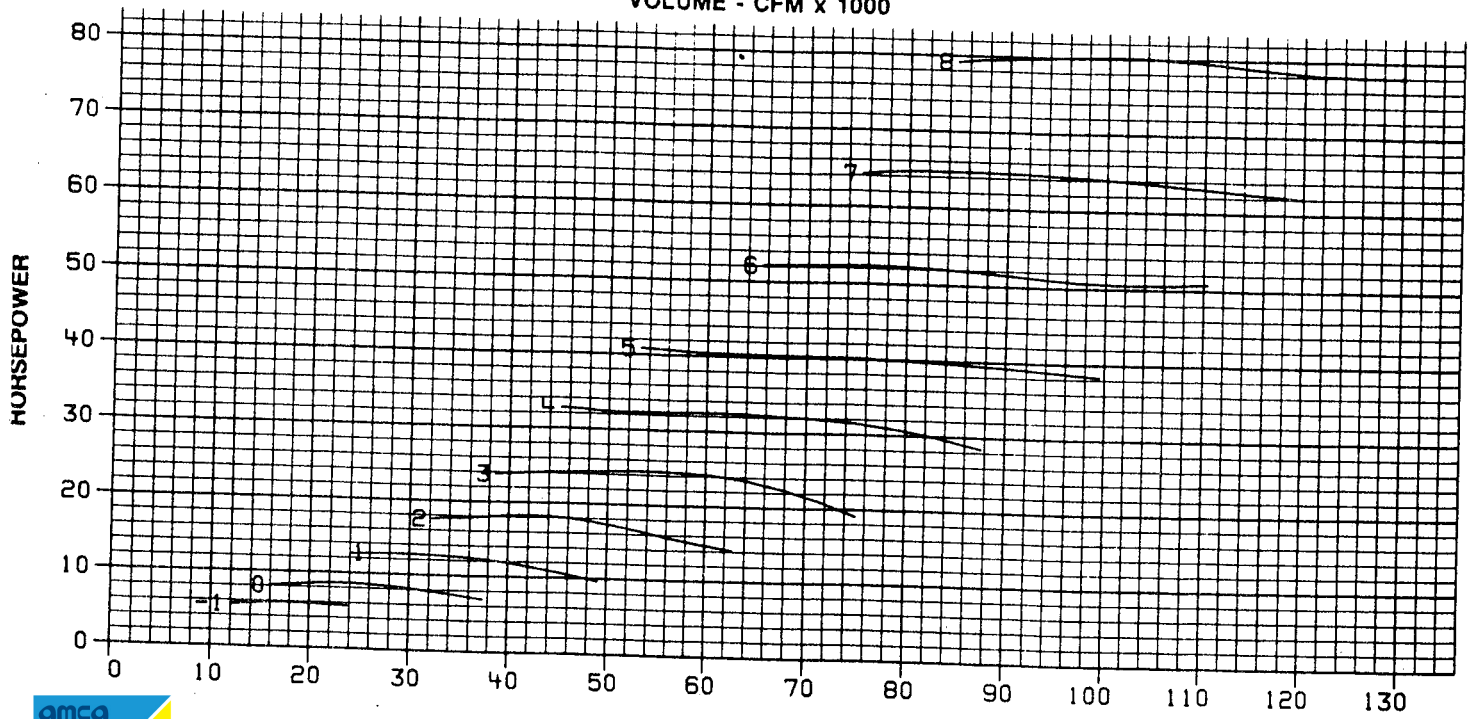
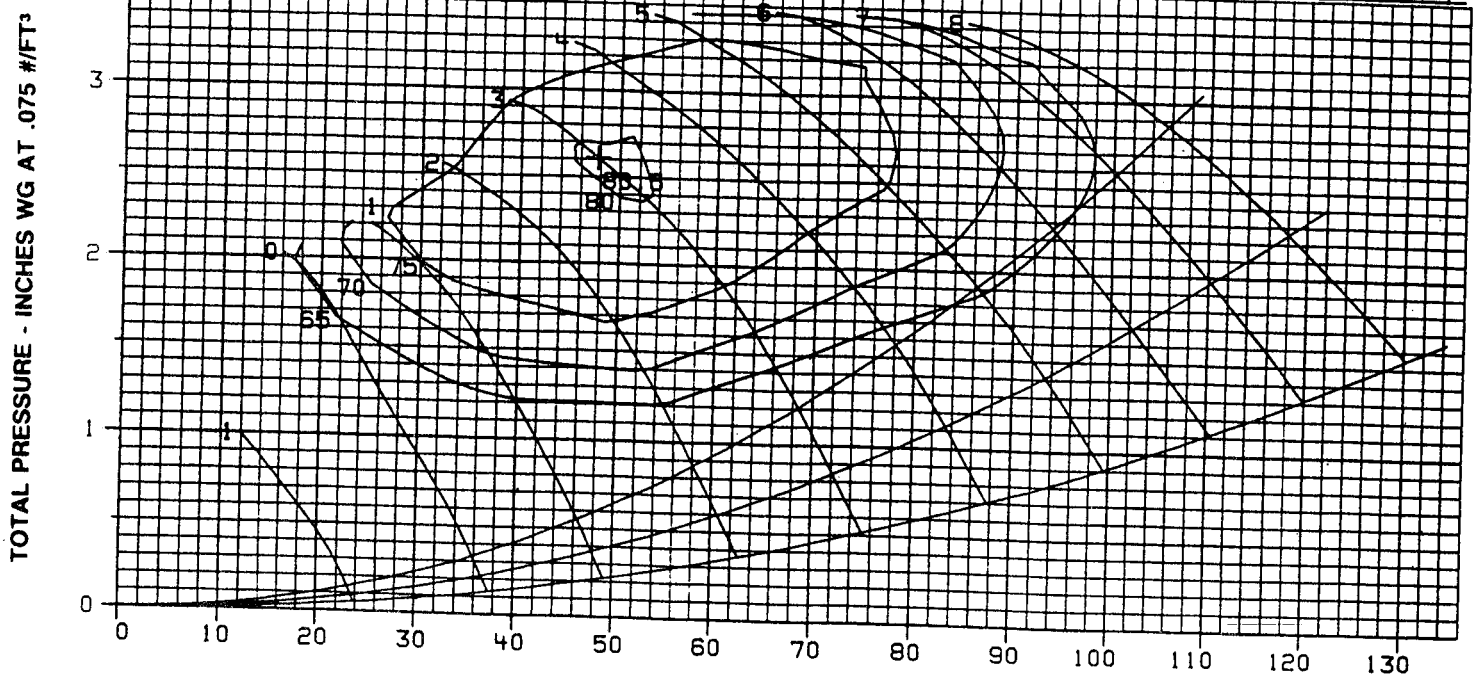
SIZE 6000-C 6- 890 RPM 890

MOTOR HP	MIN.	A/4 MAX.
	15	200

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EFFECTIVE: SEPTEMBER 2019

FAN OV, FPM/100 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68
 CONE OV, FPM/100 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 6000-C6-890

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	101	104	102	101	97	92	84	76	-1	91
	97	99	102	102	97	92	84	76	0	91
	101	100	104	103	99	93	86	79	1	92
	104	102	105	104	101	94	87	82	2	94
	104	102	104	103	100	95	89	85	3	93
	104	102	104	102	100	95	91	88	4	93
	109	107	107	104	101	96	91	88	5	95
	114	111	110	106	102	96	91	87	6	97
	116	113	113	109	104	98	92	88	7	99
122	116	118	115	110	104	95	91	8	104	
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	100	104	102	101	97	92	84	76	-1	91
	98	97	100	102	98	93	86	80	0	91
	100	99	101	101	98	92	86	79	1	91
	102	100	101	100	97	92	85	78	2	90
	103	101	102	101	98	93	88	83	3	92
	104	101	104	102	99	95	90	87	4	93
	108	105	107	105	101	96	91	88	5	95
	112	108	110	108	102	97	92	89	6	97
	112	110	112	110	104	98	92	90	7	99
115	111	116	115	110	103	95	92	8	104	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	97	100	101	100	97	93	86	76	-1	91
	94	95	98	98	97	94	87	76	0	90
	98	97	98	97	96	93	86	77	1	89
	102	99	98	96	95	92	85	77	2	88
	104	101	100	98	96	93	87	81	3	89
	106	103	102	100	98	94	89	85	4	91
	106	104	105	103	100	95	90	87	5	93
	106	105	107	106	102	96	91	88	6	96
	108	108	111	109	104	98	92	90	7	99
112	109	116	115	110	103	95	93	8	104	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from...



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

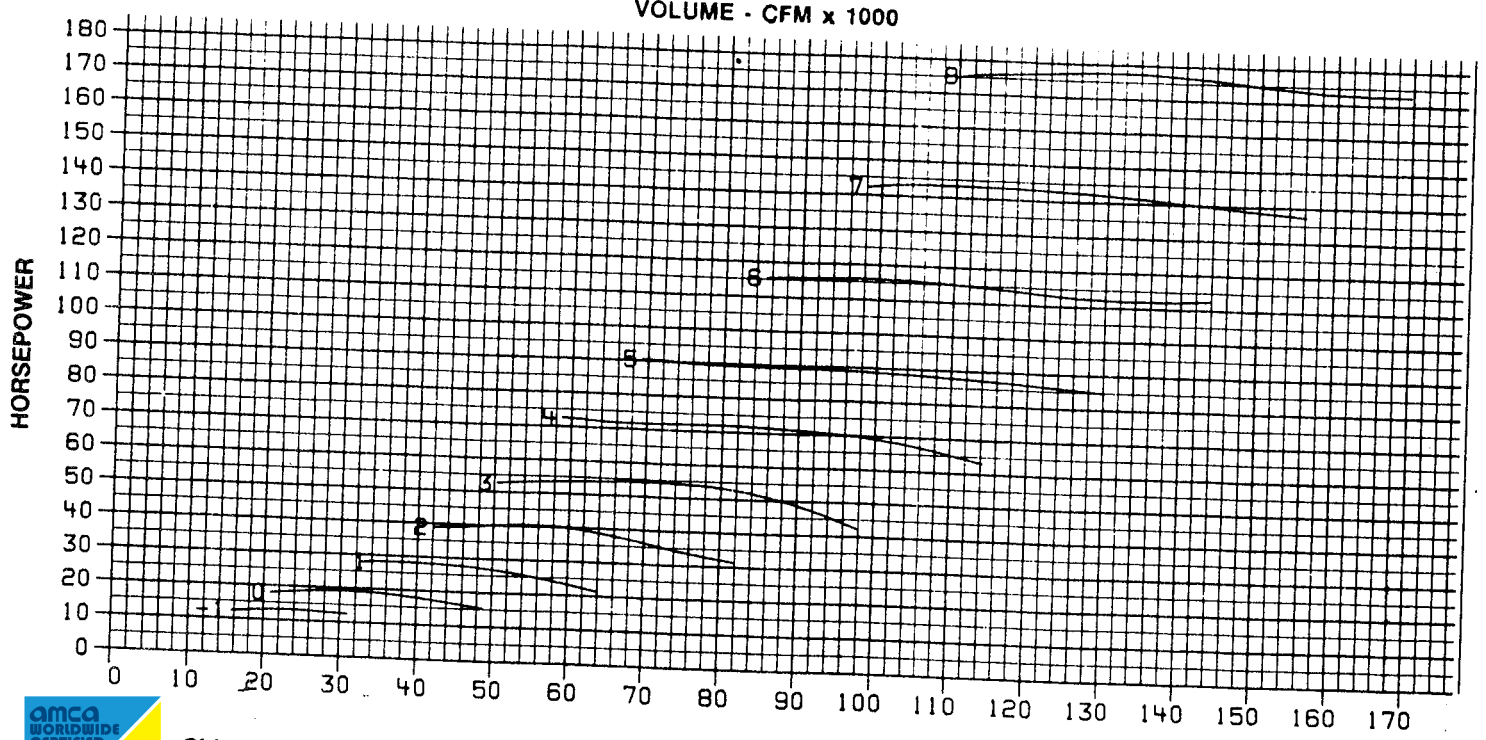
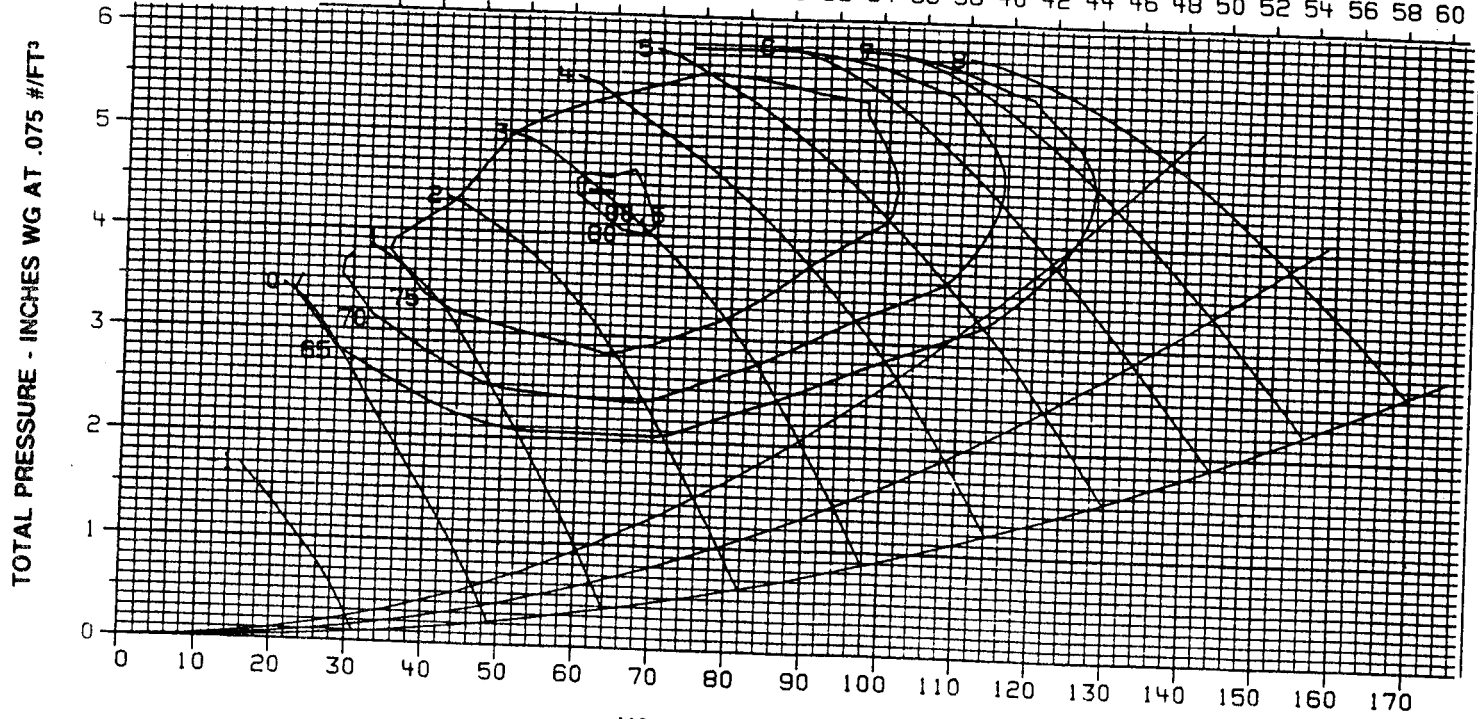
SIZE 6000-C 6-1160

RPM 1160

MOTOR HP	MIN.	A/4 MAX.
	25	250

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EFFECTIVE: SEPTEMBER 2019

FAN OV, FPM/100 16 20 24 28 32 36 40 44 48 52 56 60 64 68 72 76 80 84 88
CONE OV, FPM/100 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 6000-C6-1160

LW - Sound Power Level										Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8			
Center Frequency:	63	125	250	500	1000	2000	4000	8000			
TP/VP											
HIGH High point is read at peak of curve at maximum total pressure										-2	
	104	112	107	109	105	100	93	85	-1	98	
	103	104	107	110	105	100	93	85	0	99	
	108	105	109	110	107	101	94	87	1	100	
	112	106	111	110	108	103	95	90	2	101	
	112	107	110	109	107	103	96	92	3	100	
	112	107	110	108	106	103	98	95	4	100	
	117	112	114	111	108	104	98	95	5	102	
	121	117	117	114	109	104	98	94	6	104	
124	119	120	117	112	106	99	95	7	107		
126	120	122	119	115	108	100	96	8	109		
MEDIUM Medium point is read at average TP/VP of low and high points									-2		
	103	110	108	108	105	100	93	85	-1	98	
	105	103	105	108	106	101	94	88	0	98	
	108	104	106	107	105	100	94	87	1	98	
	111	105	107	106	105	100	93	87	2	97	
	111	106	108	108	105	101	93	90	3	99	
	112	106	109	110	106	103	97	94	4	100	
	116	110	113	112	108	104	98	95	5	102	
	119	114	116	113	101	105	91	96	6	104	
119	114	118	117	112	106	91	96	7	106		
120	115	121	119	115	108	100	97	8	109		
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2		
	102	105	107	107	104	101	95	86	-1	98	
	101	100	107	105	103	102	96	86	0	97	
	105	103	107	103	102	101	95	86	1	96	
	109	104	105	102	101	100	94	86	2	95	
	111	106	107	105	103	101	95	89	3	97	
	114	108	109	107	105	102	96	92	4	98	
	113	110	111	110	107	103	97	94	5	101	
	113	112	113	114	109	104	98	95	6	103	
115	116	117	117	112	106	99	97	7	106		
117	119	120	120	115	108	100	98	8	109		

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV

ADJUSTABLE PITCH
CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 6650-C 6- 690

RPM 690

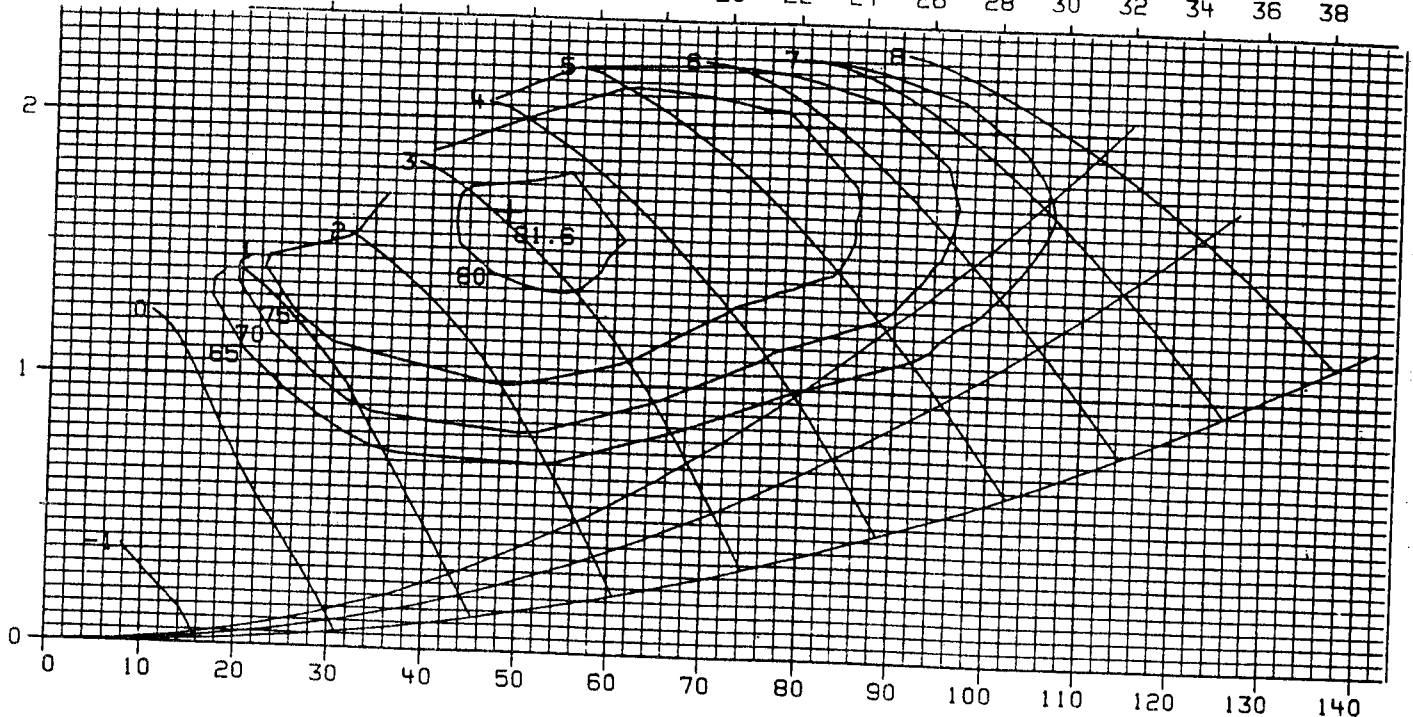
MOTOR HP	MIN.	A/4 MAX.
	10	150

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EFFECTIVE: SEPTEMBER 2019

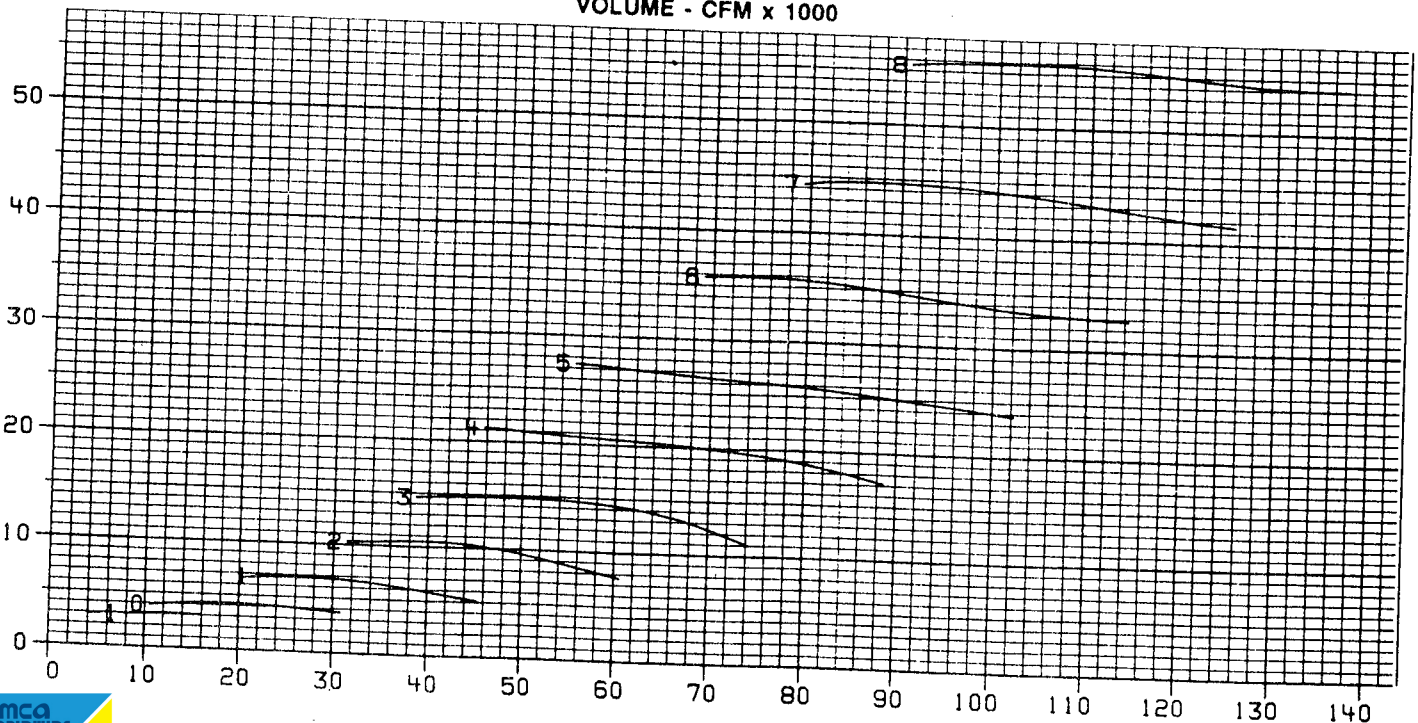
FAN OV, FPM/100 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58
 CONE OV, FPM/100 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



VOLUME - CFM x 1000

HORSEPOWER



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 6650-C6-690

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	100	101	100	98	93	88	79	71	-1	88
	94	98	99	97	92	87	80	72	0	87
	95	99	100	99	94	88	81	74	1	88
	95	99	101	100	95	88	82	76	2	89
	96	100	101	100	96	89	84	79	3	89
	97	101	101	100	96	90	86	83	4	90
	103	105	104	101	96	90	86	83	5	91
	110	109	106	101	96	90	86	83	6	92
	108	111	109	105	99	92	97	84	7	95
	120	115	116	114	109	102	94	90	8	103
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	99	101	100	98	93	88	79	71	-1	88
	93	95	98	98	94	88	85	81	0	87
	94	96	98	98	93	88	82	77	1	87
	95	97	98	98	93	88	80	73	2	87
	96	98	99	98	94	88	83	78	3	88
	96	100	101	99	95	90	86	82	4	89
	102	104	104	101	96	91	87	83	5	91
	107	108	107	103	98	92	88	85	6	93
	108	110	110	106	100	93	89	86	7	95
	116	111	115	114	109	102	94	91	8	103
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	95	100	99	97	94	89	80	71	-1	87
	91	97	97	96	94	89	80	69	0	87
	93	96	95	94	93	88	80	71	1	85
	95	95	94	93	92	88	80	72	2	84
	96	97	96	95	92	88	82	76	3	85
	98	99	99	96	93	88	83	79	4	87
	99	102	102	99	95	90	85	82	5	89
	101	103	105	102	97	91	87	84	6	92
	104	108	109	105	99	93	89	86	7	95
	113	110	115	114	110	102	95	92	8	103

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

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VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 6650-C 6- 890

RPM 890

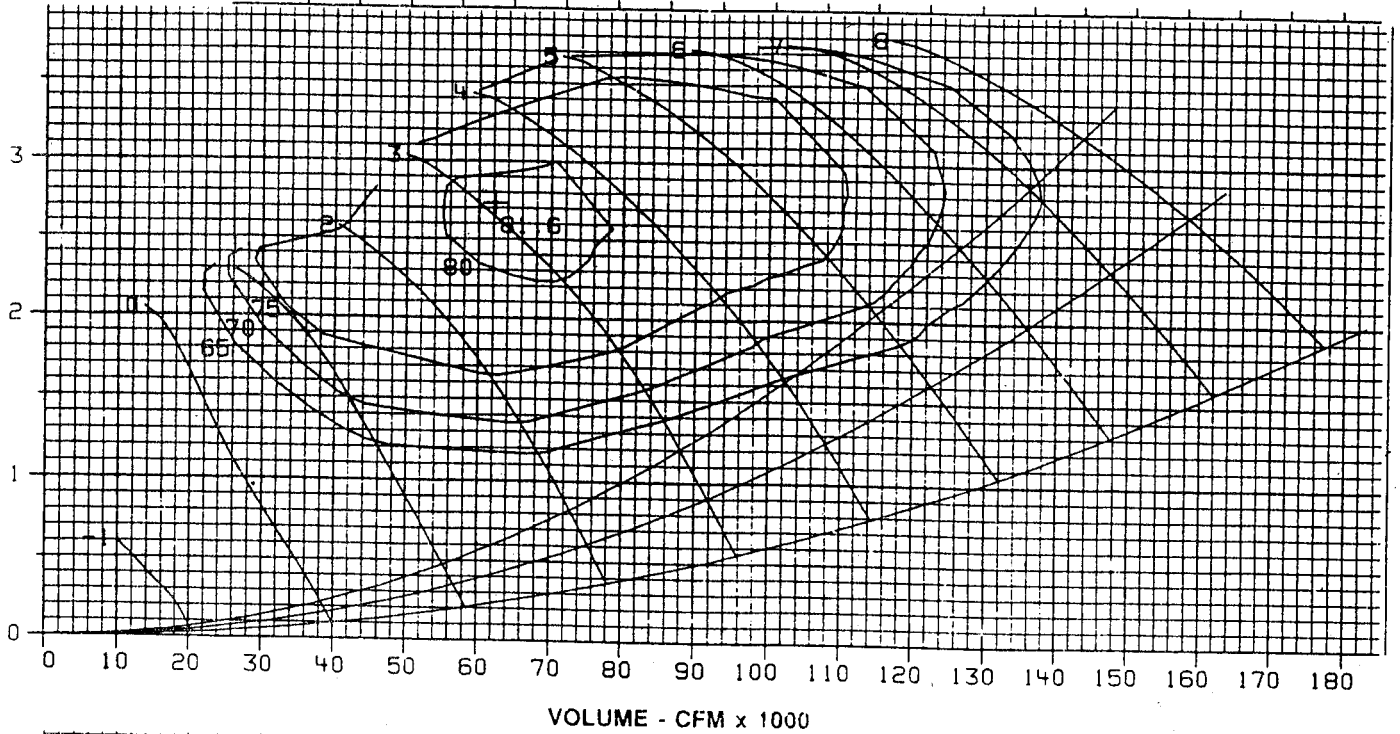
MOTOR HP	MIN.	A/4 MAX.
	15	200

PAGE 159

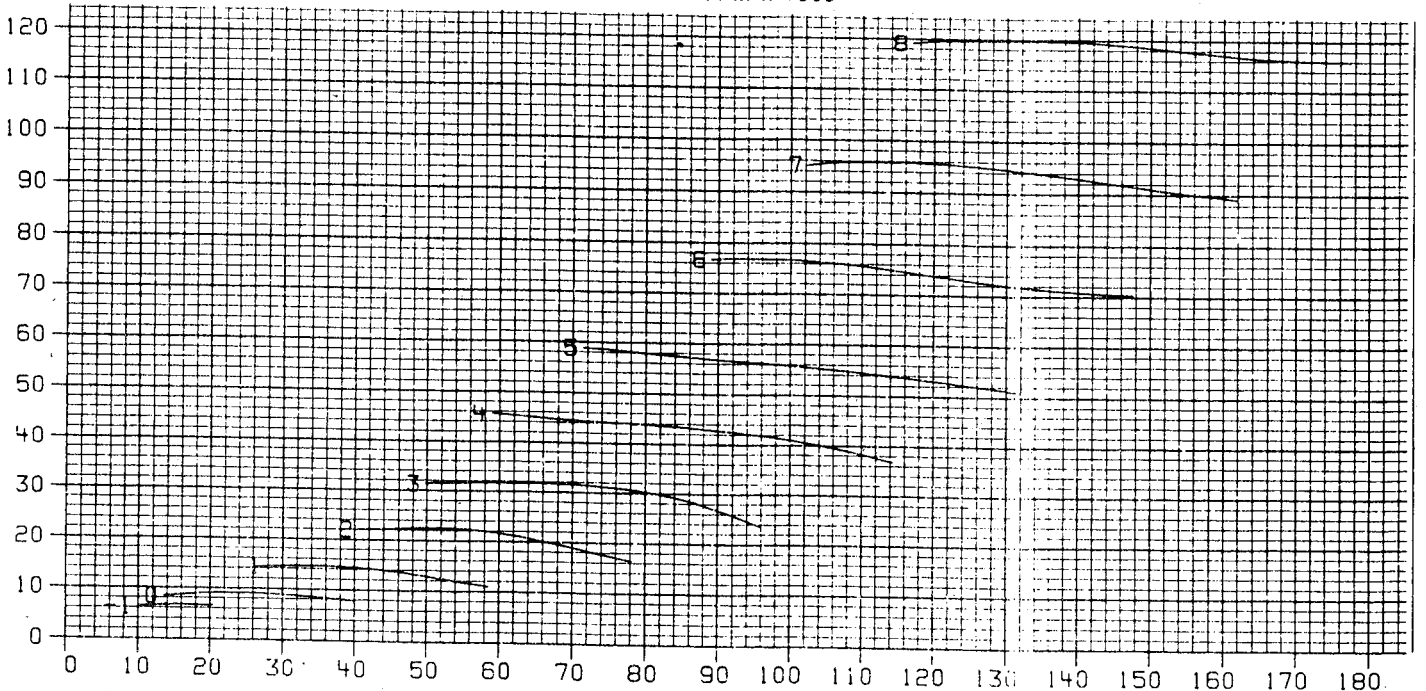
EFFECTIVE: SEPTEMBER 2019

FAN OV, FPM/100 16 20 24 28 32 36 40 44 48 52 56 60 64 68 72 76
 CONE OV, FPM/100 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



HORSEPOWER



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 6650-C6-890

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	102	108	106	105	101	95	88	79	-1	95
	99	103	104	104	100	95	88	80	0	93
	101	103	105	105	101	95	89	82	1	95
	104	103	106	106	103	96	90	84	2	96
	104	104	106	106	103	103	91	87	3	96
	105	105	107	106	103	103	93	90	4	96
	110	109	110	107	103	103	93	90	5	97
	116	114	113	109	104	104	93	89	6	99
	118	116	116	112	107	107	94	91	7	102
125	119	121	118	113	113	98	94	8	108	
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	101	107	106	104	101	101	88	79	-1	94
	100	101	102	104	101	101	91	78	0	94
	101	101	103	104	101	101	90	85	1	94
	103	102	103	103	101	101	88	81	2	94
	104	103	105	104	102	102	90	85	3	95
	104	104	106	106	102	102	92	89	4	96
	110	109	110	108	104	104	94	90	5	98
	115	113	113	111	105	105	94	91	6	100
	116	115	116	113	108	108	95	92	7	102
120	116	120	118	114	114	99	96	8	107	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	99	105	105	104	101	101	89	80	-1	94
	96	101	103	102	100	100	89	78	0	93
	99	101	102	100	99	99	89	80	1	92
	102	101	100	98	98	98	89	81	2	91
	104	103	102	101	99	99	90	84	3	92
	106	104	105	103	100	100	91	86	4	93
	107	107	108	106	102	102	92	89	5	96
	106	109	111	109	105	105	94	91	6	99
	109	112	115	113	107	107	95	93	7	102
118	115	120	118	114	114	99	96	8	108	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV

VANEAXIAL FAN
ADJUSTABLE PITCH
CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 6650-C 6-1160

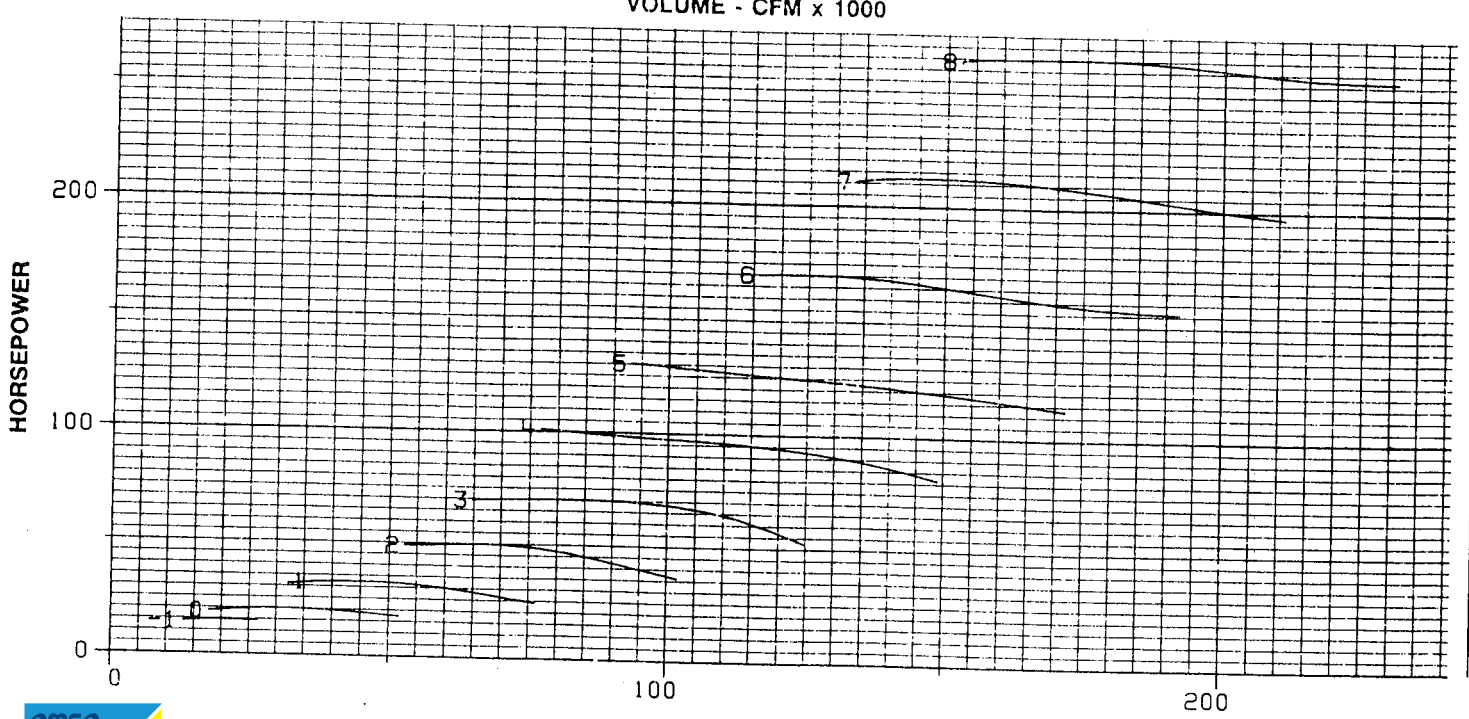
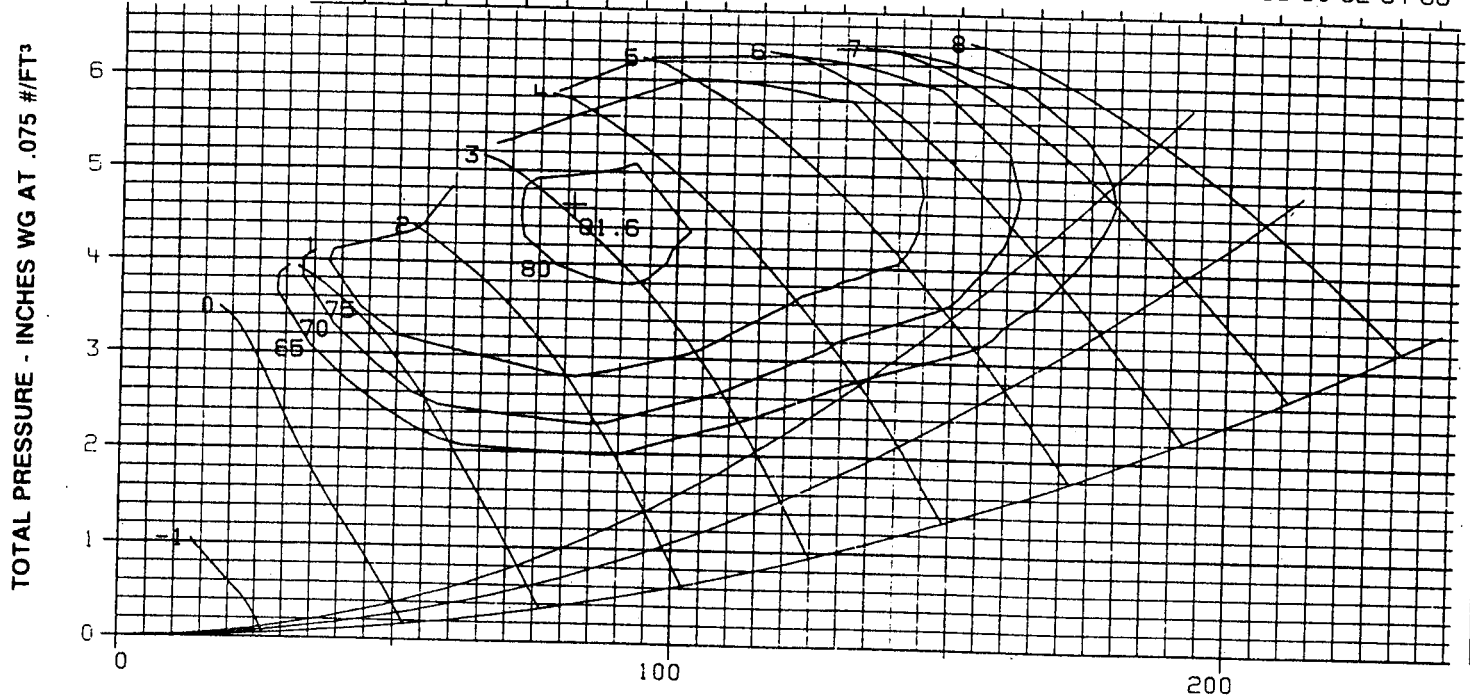
RPM 1160

MOTOR HP	MIN.	A/4 MAX.
	30	250

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EFFECTIVE: SEPTEMBER 2019

FAN OV, FPM/100 20 24 28 32 36 40 44 48 52 56 60 64 68 72 76 80 84 88 92 96
 CONE OV, FPM/100 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.



1675 GLEN ELLYN ROAD
 GLENDALE HEIGHTS, ILLINOIS 60139
 Phone 708-858-2600

EFFECTIVE: SEPTEMBER 2019

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FAN MODEL: 6650-C6-1160

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	104	116	111	112	108	103	97	88	-1	102
	103	108	110	111	107	103	97	89	0	101
	108	108	111	111	109	104	97	90	1	102
	112	107	111	112	111	105	98	92	2	103
	112	108	112	112	111	106	99	94	3	103
	113	109	113	112	111	106	100	97	4	103
	118	115	116	114	111	106	100	97	5	105
	124	119	120	116	112	106	100	96	6	106
	127	122	123	119	115	109	101	98	7	109
	129	124	125	123	118	111	103	99	8	112
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	104	114	111	111	108	104	97	88	-1	101
	107	106	107	110	109	104	98	95	0	101
	109	106	108	110	109	103	97	92	1	101
	111	107	109	109	109	103	96	90	2	101
	112	107	110	111	109	104	98	93	3	102
	112	108	112	113	109	105	99	96	4	103
	118	113	116	115	111	106	100	97	5	105
	125	119	120	118	113	107	101	98	6	108
	124	120	122	120	116	109	102	99	7	110
	125	120	124	123	118	111	103	100	8	112
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	103	110	111	110	108	104	98	89	-1	101
	101	105	109	108	107	105	99	88	0	100
	105	106	108	106	105	104	98	89	1	99
	109	107	107	104	104	103	98	90	2	97
	111	109	109	107	105	103	98	92	3	99
	114	110	111	110	107	103	98	94	4	100
	114	112	114	113	110	105	99	96	5	103
	115	113	117	117	113	107	101	98	6	106
	119	116	120	120	116	109	102	99	7	109
	122	119	124	123	119	111	104	101	8	112

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



SIZE 7300-C 6- 690

RPM 690

1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

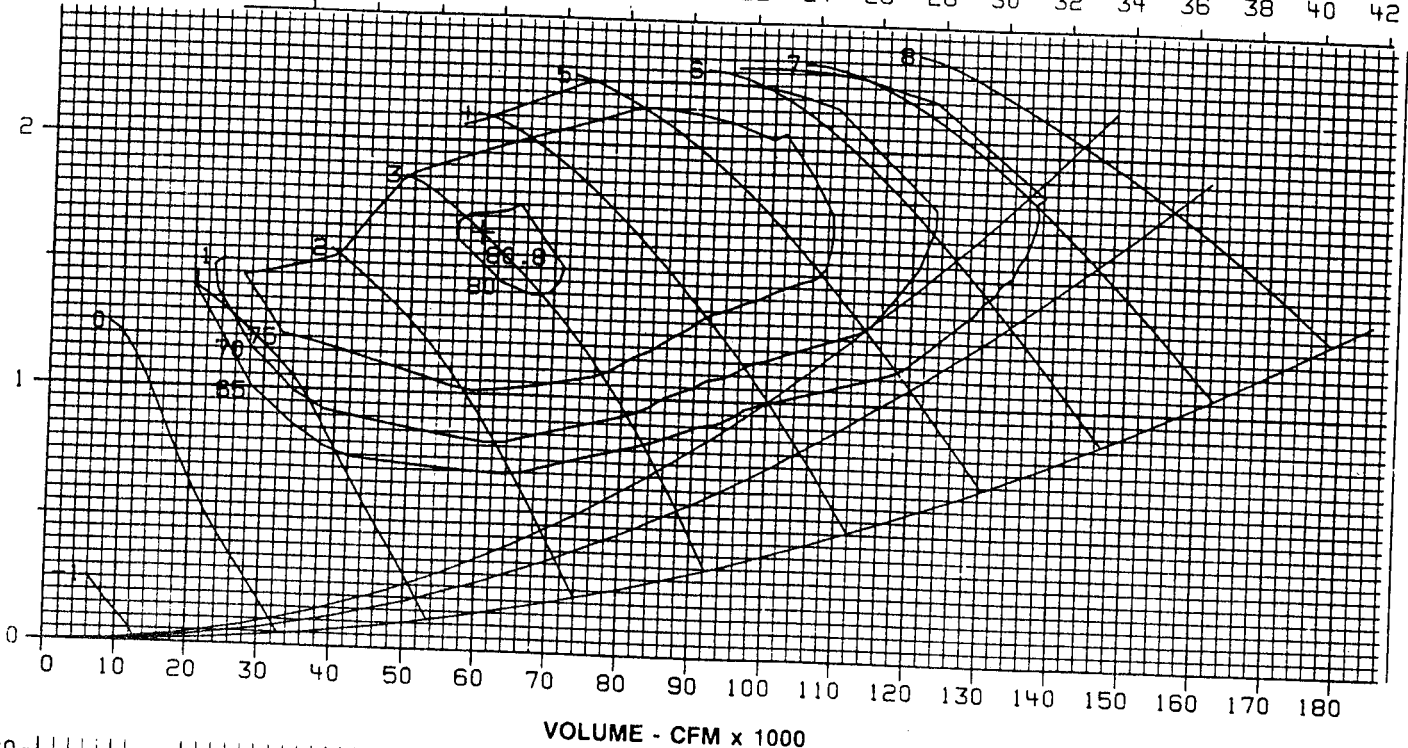
MOTOR HP	MIN.	A/4 MAX.
	10	150

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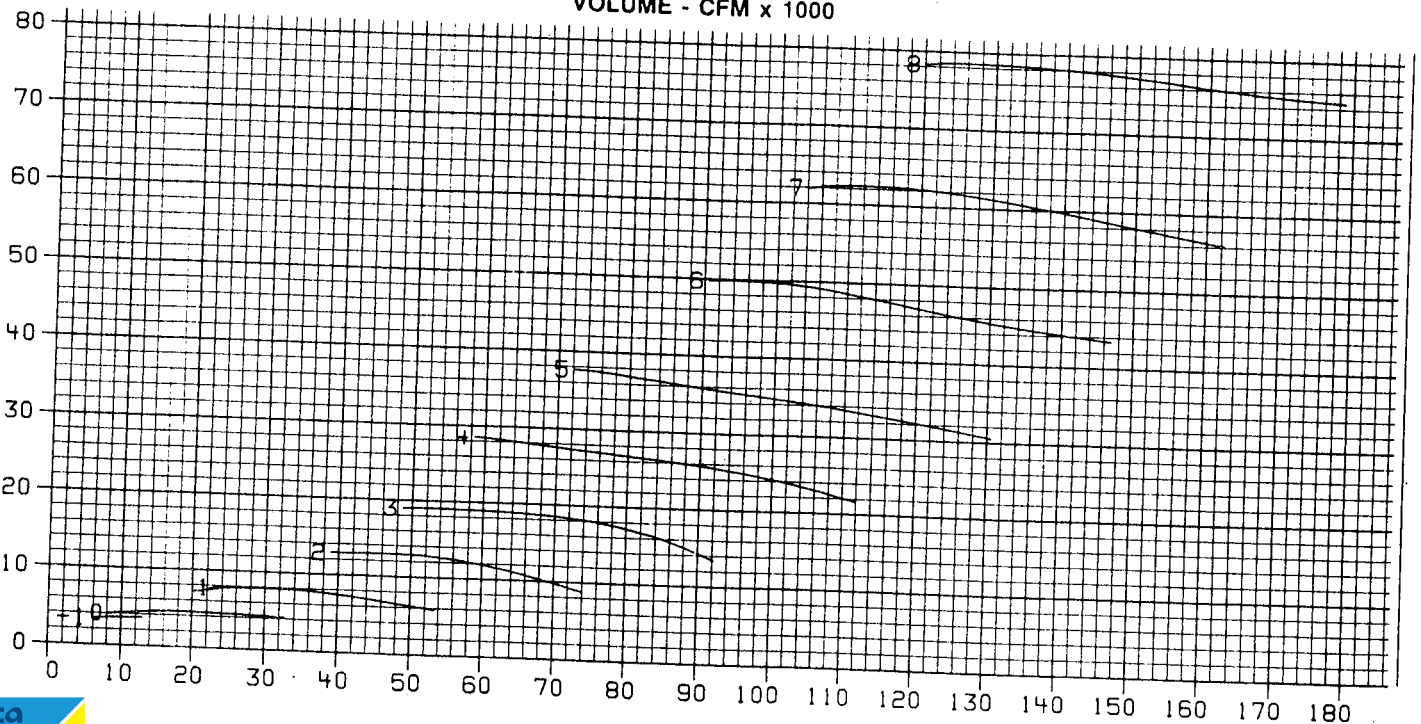
EFFECTIVE: SEPTEMBER 2019

FAN OV, FPM/100 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64
 CONE OV, FPM/100 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



HORSEPOWER



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 7300-C6-690

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	102	105	103	101	97	91	88	74	-1	91
	97	101	101	99	95	90	88	75	0	89
	96	100	101	101	96	90	88	76	1	90
	95	99	102	103	97	90	84	77	2	91
	97	101	103	103	98	91	86	81	3	92
	98	103	105	104	99	93	88	84	4	93
	104	107	106	104	98	92	88	85	5	93
	110	111	108	103	98	91	88	85	6	94
	112	113	111	107	101	94	90	86	7	97
	123	117	119	117	112	105	97	93	8	106
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	100	104	103	101	97	93	83	74	-1	91
	96	97	99	100	96	92	90	90	0	90
	95	98	100	101	96	91	87	83	1	90
	95	98	100	101	96	90	83	74	2	90
	96	100	102	102	97	91	85	80	3	91
	97	101	104	102	98	92	87	84	4	92
	104	107	107	104	99	93	89	85	5	94
	111	112	110	106	100	94	90	87	6	96
	112	114	113	109	103	96	91	88	7	99
	120	115	119	117	113	106	98	94	8	106
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	98	103	102	101	97	92	83	74	-1	91
	94	102	101	99	96	91	82	71	0	89
	94	99	98	97	95	91	83	73	1	88
	95	96	95	95	94	91	84	75	2	87
	96	98	98	97	94	90	84	78	3	88
	98	100	101	99	95	89	85	81	4	89
	100	104	105	102	97	91	87	84	5	92
	103	108	108	105	100	94	90	87	6	95
	107	112	112	108	103	96	92	89	7	98
	119	115	115	117	113	106	98	95	8	106

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

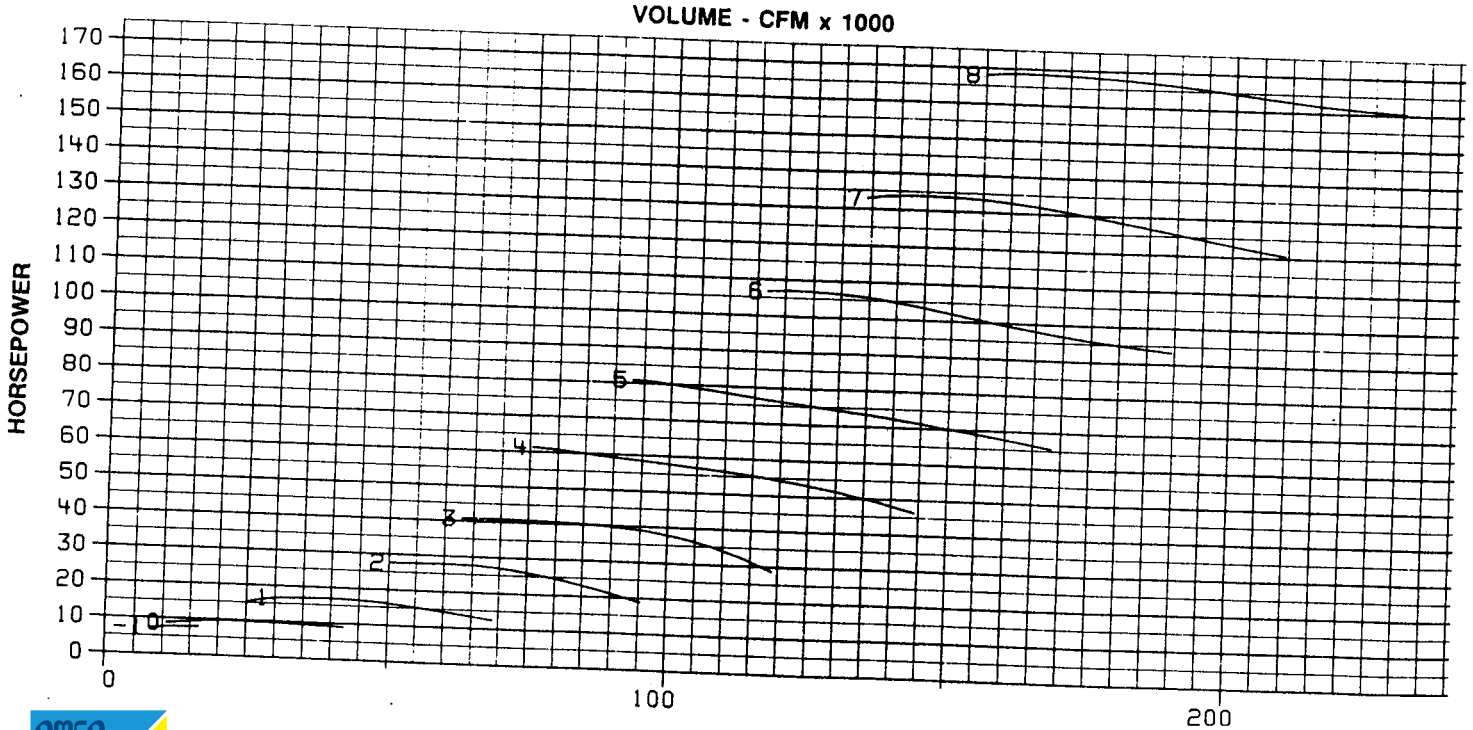
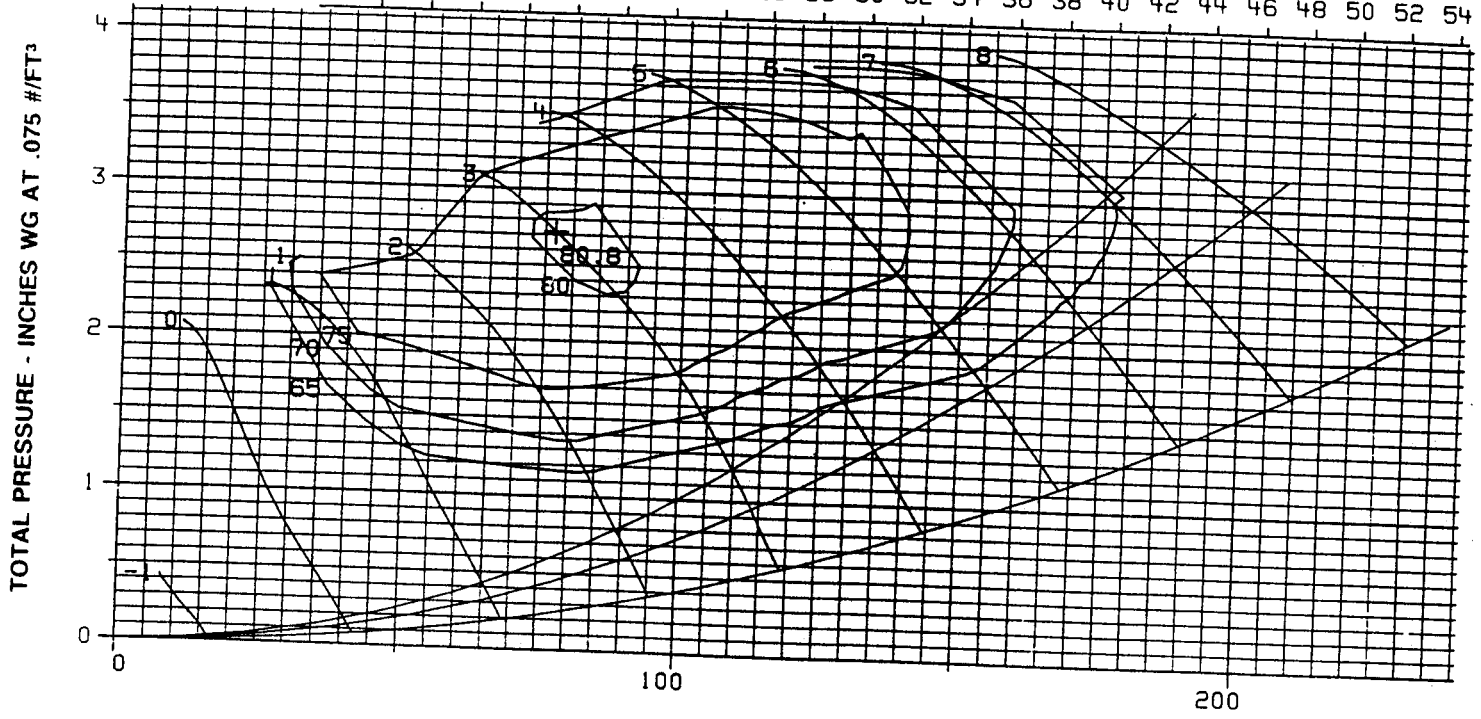
SIZE 7300-C 6- 890

RPM 890

MOTOR HP	MIN.	A/4 MAX.
	20	200

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EFFECTIVE: SEPTEMBER 2019

FAN OV, FPM/100 16 20 24 28 32 36 40 44 48 52 56 60 64 68 72 76 80
CONE OV, FPM/100 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 7300-C6-890

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	103	111	109	108	104	99	92	83	-1	98
	100	106	106	105	102	97	91	84	0	95
	102	104	107	107	104	98	92	85	1	97
	104	103	107	108	106	98	92	85	2	98
	104	104	108	109	106	99	93	88	3	99
	105	106	110	110	107	101	95	91	4	100
	112	111	112	110	106	100	95	91	5	100
	118	116	115	111	105	99	94	91	6	101
121	118	118	114	109	102	96	93	7	104	
127	121	123	121	116	109	101	97	8	111	
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	102	110	109	107	104	99	92	82	-1	97
	102	103	104	106	104	99	96	95	0	97
	102	102	105	106	104	98	94	90	1	96
	103	102	105	106	104	98	91	84	2	96
	104	103	107	107	105	99	93	87	3	97
	104	105	109	109	105	99	94	90	4	98
	111	111	113	111	107	101	95	92	5	101
	119	117	117	113	108	102	97	93	6	103
120	118	119	116	111	104	88	95	7	106	
124	120	123	121	117	110	102	99	8	111	
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	102	108	108	107	104	99	92	83	-1	97
	99	105	108	105	103	99	91	80	0	96
	100	103	105	103	101	98	95	82	1	94
	102	101	101	100	100	98	95	84	2	93
	104	103	104	103	101	97	95	86	3	94
	106	105	107	105	102	97	95	88	4	95
	107	108	110	109	105	99	94	91	5	99
	109	111	114	112	108	101	96	93	6	102
114	115	118	115	110	104	98	95	7	105	
123	119	123	121	117	110	102	99	8	111	

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

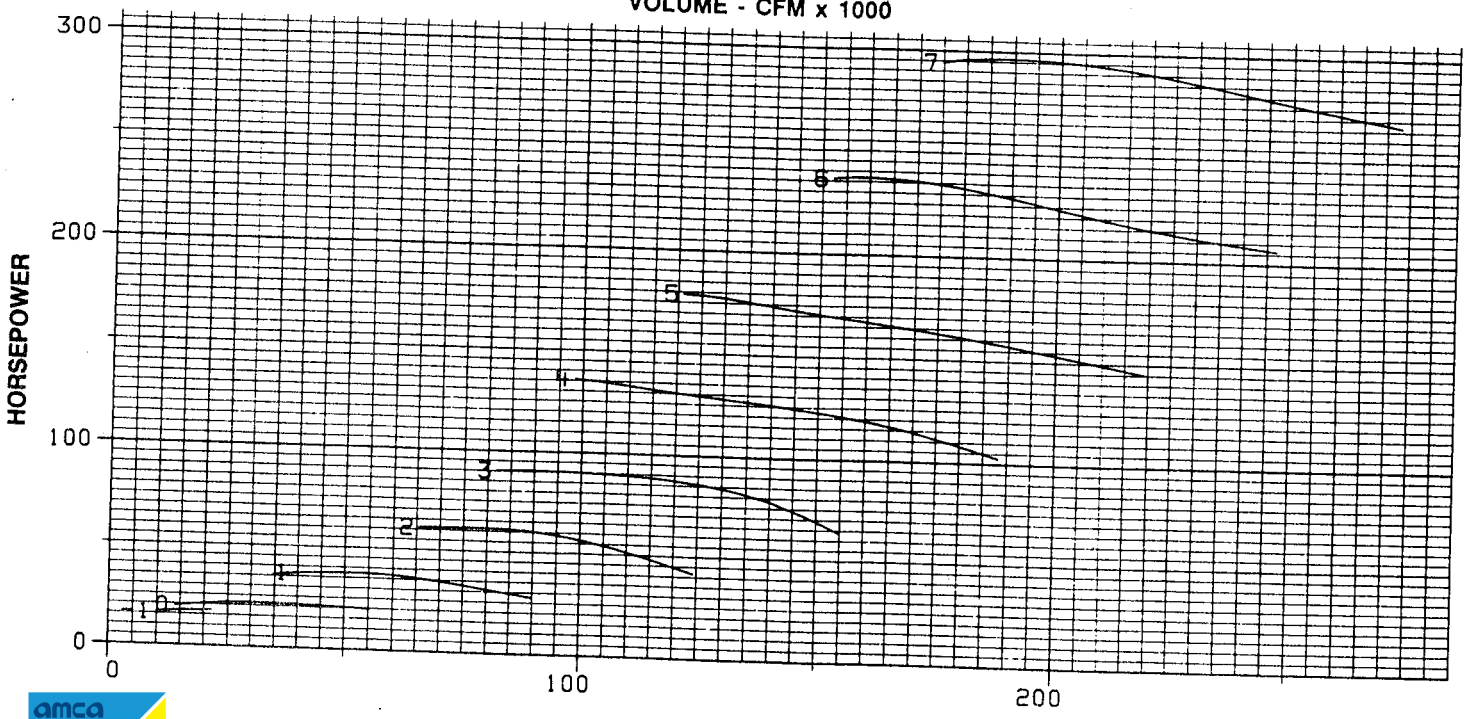
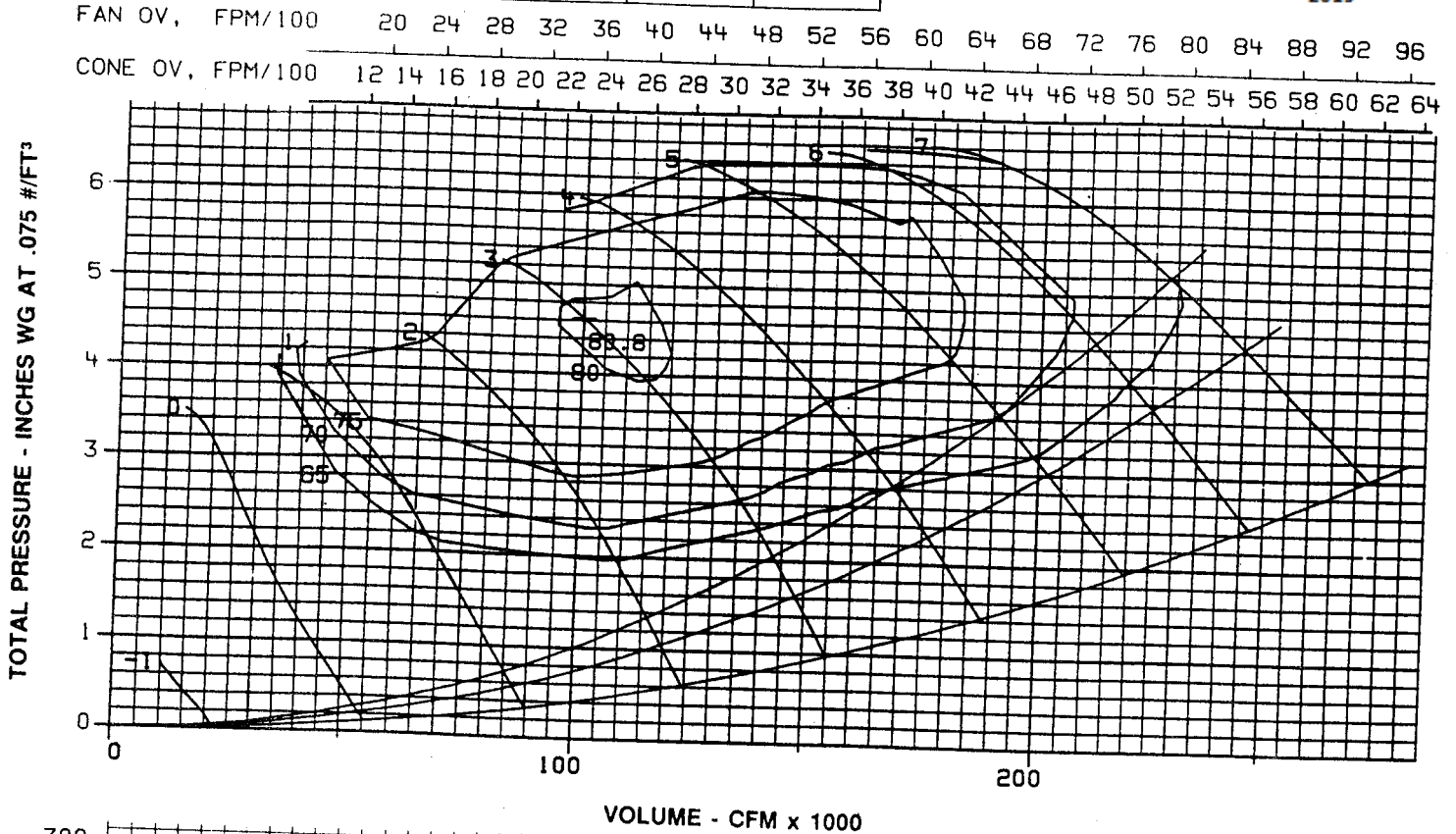
SIZE 7300-C 6-1160

RPM 1160

MOTOR HP	MIN.	A/4 MAX.
	40	250

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EFFECTIVE: SEPTEMBER 2019



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.



1675 GLEN ELLYN ROAD
 GLENDALE HEIGHTS, ILLINOIS 60139
 Phone 708-858-2600

EFFECTIVE: SEPTEMBER 2019

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FAN MODEL: 7300-C6-1160

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	104	118	115	114	112	107	101	92	-1	105
	103	111	112	112	109	105	100	92	0	102
	108	109	112	113	112	106	100	93	1	104
	112	107	112	114	114	107	100	93	2	105
	112	108	113	115	114	108	101	96	3	106
	113	110	115	116	114	109	102	98	4	107
	120	116	119	117	114	108	102	98	5	107
	127	122	122	118	114	107	101	98	6	108
	129	124	125	122	117	111	104	100	7	112
								8		
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	103	116	115	114	112	107	101	92	-1	105
	109	108	109	111	112	106	102	101	0	103
	110	107	109	111	112	106	101	97	1	104
	111	106	110	112	113	106	99	92	2	104
	112	108	112	114	113	107	100	95	3	105
	112	109	114	115	113	108	101	98	4	105
	119	116	119	118	115	109	102	99	5	108
	127	122	124	121	116	110	104	100	6	111
	128	123	126	123	119	112	105	102	7	113
								8		
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	103	113	115	113	111	107	101	92	-1	104
	102	108	115	112	110	107	101	90	0	103
	105	107	111	109	108	106	101	92	1	101
	109	107	108	106	106	105	101	93	2	100
	111	108	110	109	108	105	100	94	3	101
	113	110	112	112	109	105	99	95	4	102
	115	112	116	116	112	107	101	96	5	106
	116	115	120	120	116	110	103	100	6	109
	122	120	124	123	119	112	105	102	7	112
								8		

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

THE SOUND PRESSURE RATINGS shown are decibel levels (referred to .0002 Microbars) calculated to the "A" Weighting Network. They are estimates only and are not guaranteed and the AMCA Seal does not apply, as they are based on assumed room dimensions, room construction, fan location and type installation (Type B per AMCA Publication 303). These Levels were obtained from calculations assuming free field at 5 feet.



VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 8112-C 6- 690

RPM 690

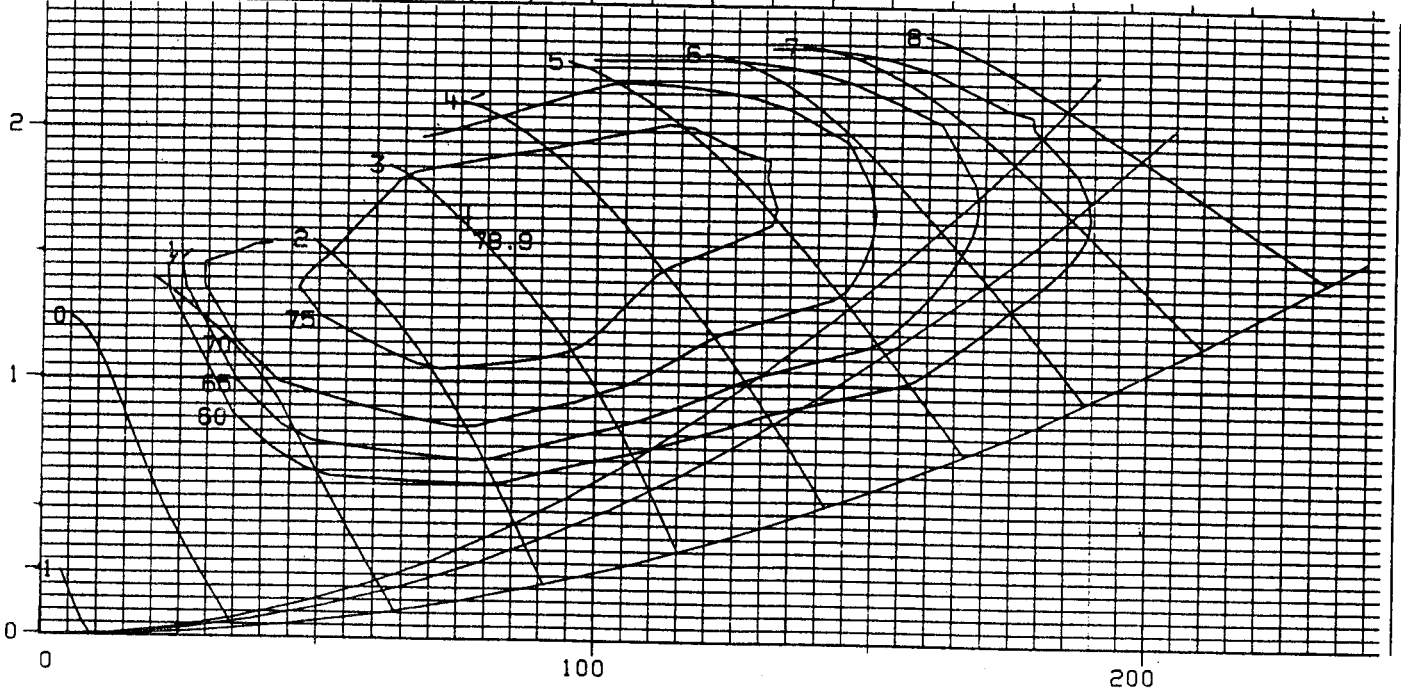
MOTOR HP	MIN.	A/4 MAX.
	15	150

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EFFECTIVE: SEPTEMBER 2019

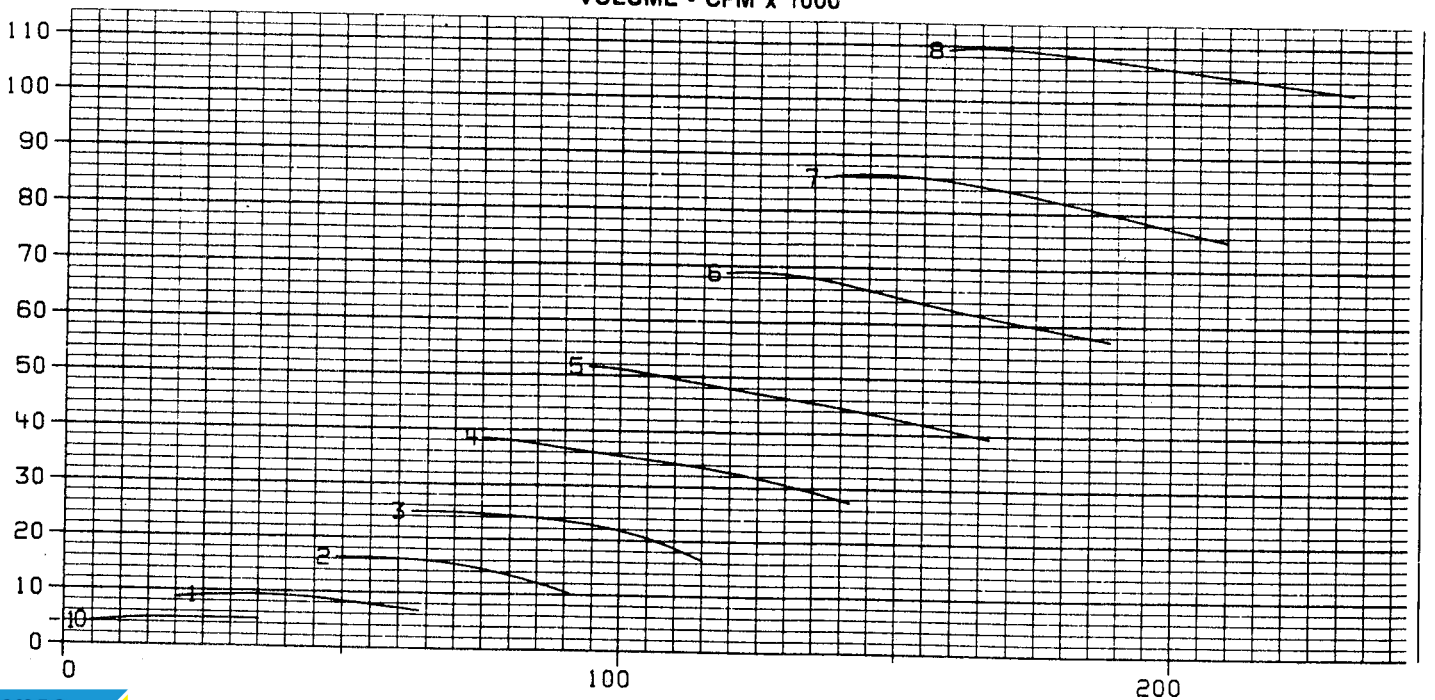
FAN OV, FPM/100 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66
 CONE OV, FPM/100 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



VOLUME - CFM x 1000

HORSEPOWER



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 8112-C6-690

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	105	108	107	105	100	96	87	77	-1	95
	100	104	102	101	97	94	87	79	0	91
	98	102	103	103	98	93	86	79	1	92
	96	99	103	106	99	93	86	79	2	94
	99	102	106	107	101	94	88	83	3	95
	99	105	109	108	103	95	90	86	4	97
	106	109	109	107	101	94	90	86	5	96
	113	113	110	106	99	93	89	87	6	96
	116	116	114	110	103	96	92	89	7	100
									8	110
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	103	108	106	104	100	95	87	77	-1	94
	99	100	101	103	99	96	97	99	0	94
	97	99	102	104	99	94	91	89	1	93
	96	99	103	105	106	93	86	79	2	93
	97	101	105	105	106	93	88	82	3	94
	98	103	107	106	101	94	89	85	4	95
	107	110	110	108	102	95	91	87	5	97
	116	116	114	110	103	97	92	89	6	100
	117	118	116	112	106	99	94	91	7	102
									8	110
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	102	107	106	104	100	95	87	77	-1	94
	97	107	105	102	99	94	84	73	0	93
	96	102	101	100	98	94	86	76	1	91
	95	97	97	97	97	95	88	79	2	90
	97	99	100	99	97	93	87	80	3	90
	98	102	103	101	96	91	86	82	4	91
	102	107	108	105	100	94	89	86	5	94
	105	111	112	109	103	96	92	89	6	98
	112	115	115	112	106	99	95	91	7	101
									8	110

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include the effects of duct end correction.

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VAV VANEAXIAL FAN ADJUSTABLE PITCH CONTROLLABLE PITCH

ARRANGEMENT
4



1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

SIZE 8112-C 6- 890

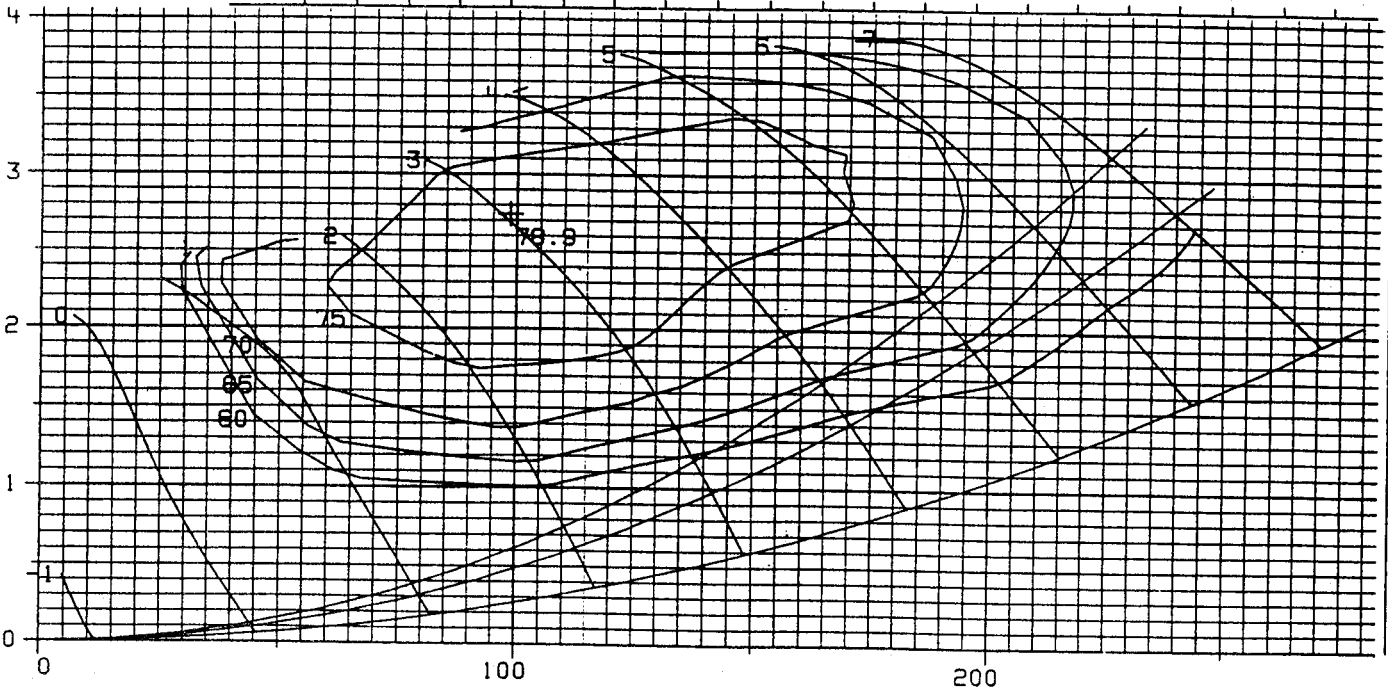
RPM 890

MOTOR HP	MIN.	A/4 MAX.
	20	200

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EFFECTIVE: SEPTEMBER 2019

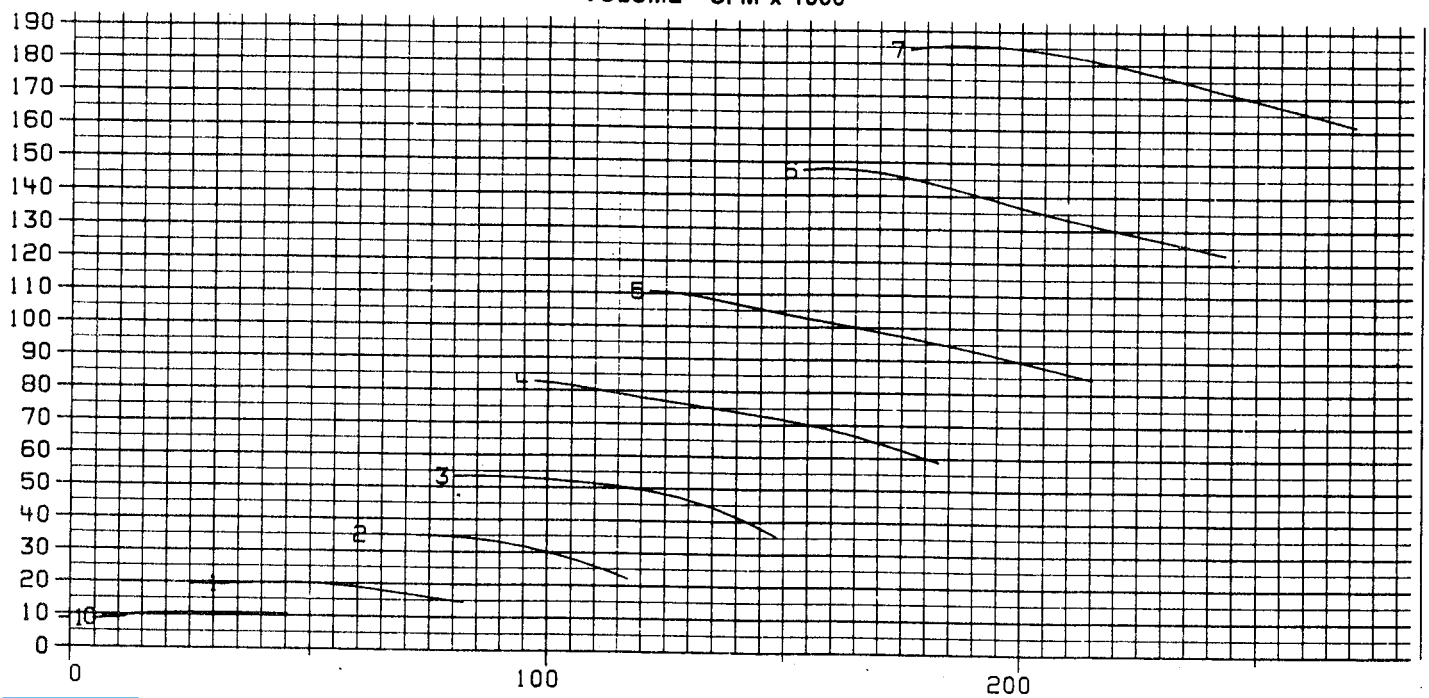
FAN OV, FPM/100 16 20 24 28 32 36 40 44 48 52 56 60 64 68 72 76
 CONE OV, FPM/100 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



VOLUME - CFM x 1000

HORSEPOWER



Chicago Blower Corporation certifies that the vaneaxial fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 8112-C6-890

LW - Sound Power Level										Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8			
Center Frequency:	63	125	250	500	1000	2000	4000	8000			
TP/VP											
HIGH High point is read at peak of curve at maximum total pressure										-2	
	105	114	113	111	108	103	96	86		-1	101
	102	109	108	106	104	100	95	88		0	98
	103	106	108	108	106	100	95	87		1	99
	104	103	108	110	108	100	94	87		2	100
	105	105	110	112	109	102	96	90		3	102
	107	108	113	114	111	103	97	93		4	104
	114	111	115	114	109	102	97	93		5	103
	122	118	117	113	107	101	96	93		6	103
	125	121	121	117	112	104	99	96		7	107
									8		
MEDIUM Medium point is read at average TP/VP of low and high points										-2	
	104	113	113	111	108	103	96	86		-1	101
	105	105	106	108	107	102	102	104		0	100
	104	104	106	109	107	101	98	95		1	100
	104	102	107	110	108	101	94	87		2	100
	105	104	109	111	108	101	95	89		3	101
	106	106	111	112	108	102	96	92		4	101
	115	114	116	114	110	103	98	94		5	104
	124	121	121	117	112	105	99	96		6	107
	125	123	123	119	114	107	101	98		7	109
									8		
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area										-2	
	103	112	112	110	107	102	96	86		-1	101
	100	109	113	109	106	101	94	82		0	100
	101	106	108	106	104	101	95	85		1	97
	102	102	103	102	103	101	96	87		2	96
	104	104	106	105	103	100	95	88		3	96
	106	105	109	108	104	98	93	89		4	97
	109	110	113	112	107	101	96	93		5	101
	112	114	118	116	111	104	99	96		6	105
	119	119	122	119	114	107	101	98		7	108
									8		

THE SOUND POWER LEVEL RATINGS shown are in decibels, referred to 10-12 watts calculated by AMCA Standard 301. Values shown are for inlet Lwi sound power levels for: Installation Type B free inlet, ducted outlet. Ratings do not include effects of duct end correction.

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VAV

VANEAXIAL FAN
ADJUSTABLE PITCH
CONTROLLABLE PITCH

ARRANGEMENT
4



SIZE 8112-C 6-1160

RPM 1160

1675 GLEN ELLYN ROAD
GLENDALE HEIGHTS, ILLINOIS 60139
Phone 708-858-2600

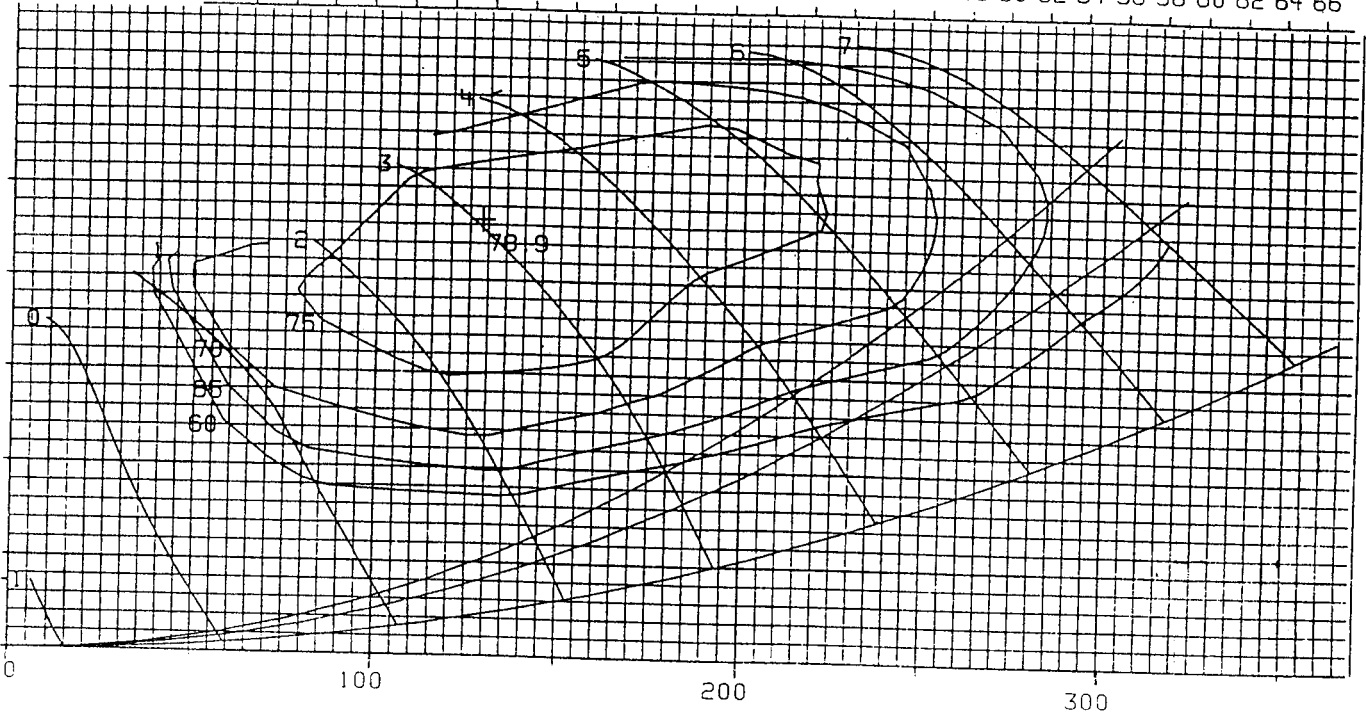
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EFFECTIVE: SEPTEMBER 2019

MOTOR HP	MIN.	A/4 MAX.
	40	250

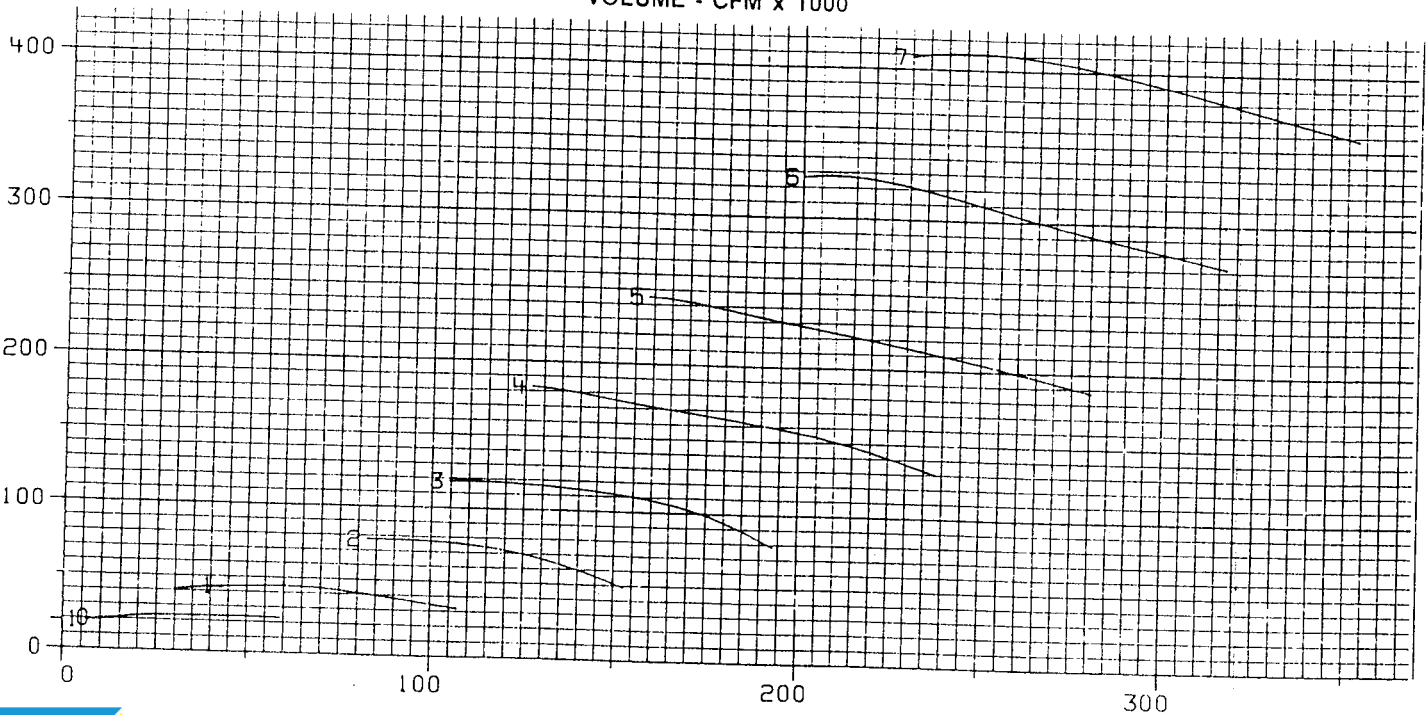
FAN OV, FPM/100 20 24 28 32 36 40 44 48 52 56 60 64 68 72 76 80 84 88 92 96 100
 CONE OV, FPM/100 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66

TOTAL PRESSURE - INCHES WG AT .075 #/FT³



VOLUME - CFM x 1000

HORSEPOWER



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Performance shown is for vaneaxial fans with inlet bell and outlet duct.

FAN MODEL: 8112-C6-1160

LW - Sound Power Level									Blade Position	Theoretical Sound Pressure Level, dBA
Octave Band:	1	2	3	4	5	6	7	8		
Center Frequency:	63	125	250	500	1000	2000	4000	8000		
TP/VP										
HIGH High point is read at peak of curve at maximum total pressure									-2	
	105	121	119	117	116	110	106	96	-1	109
	104	115	115	112	112	107	104	96	0	104
	108	111	114	114	114	108	103	96	1	106
	113	106	112	116	117	108	102	95	2	108
	113	109	114	118	118	110	103	98	3	109
	114	111	118	121	119	112	104	100	4	111
	123	117	121	120	117	110	104	100	5	110
	132	123	125	120	116	109	103	100	6	111
	135	126	128	125	120	113	106	103	7	115
								8		
MEDIUM Medium point is read at average TP/VP of low and high points									-2	
	104	118	119	117	115	110	105	96	-1	108
	112	111	111	112	115	109	107	109	0	107
	112	108	111	114	116	109	105	102	1	107
	112	106	111	115	117	109	103	95	2	107
	113	108	114	117	117	110	103	97	3	108
	113	109	116	118	116	110	103	99	4	109
	122	118	122	121	118	112	105	101	5	111
	132	127	128	124	120	113	106	103	6	114
	133	128	130	126	123	116	108	105	7	117
								8		
LOW Low point is read at point on curve where TP=VP with VP based on fan casing area									-2	
	104	117	119	117	115	110	105	95	-1	108
	103	112	121	115	113	109	104	92	0	107
	106	109	115	112	111	109	104	94	1	104
	110	107	109	108	109	108	105	97	2	102
	112	108	112	111	110	107	103	96	3	103
	114	109	114	115	111	106	101	96	4	105
	116	113	119	119	115	109	103	100	5	108
	118	117	124	123	119	113	106	103	6	113
	127	123	128	126	122	116	108	105	7	116
								8		

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