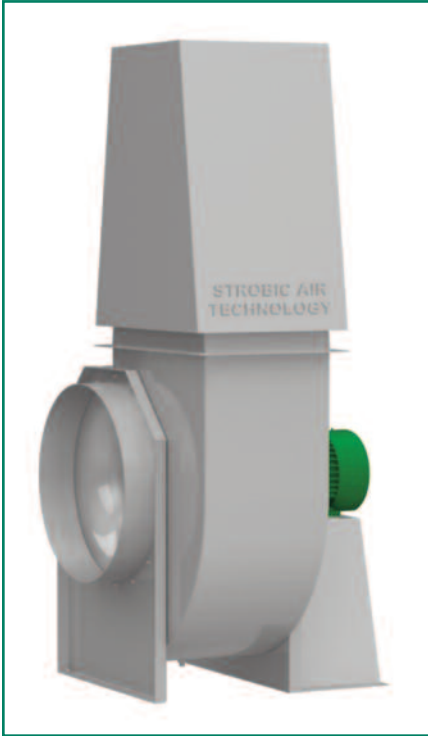
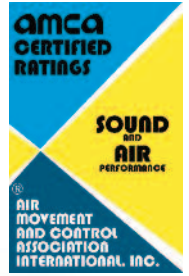


# ***Mono-Stack***

## **AMCA Certified Fans**



*The Power of Innovation™*

**STROBIC AIR**  
Fans, Silencers & Systems

A CECO Environmental Company



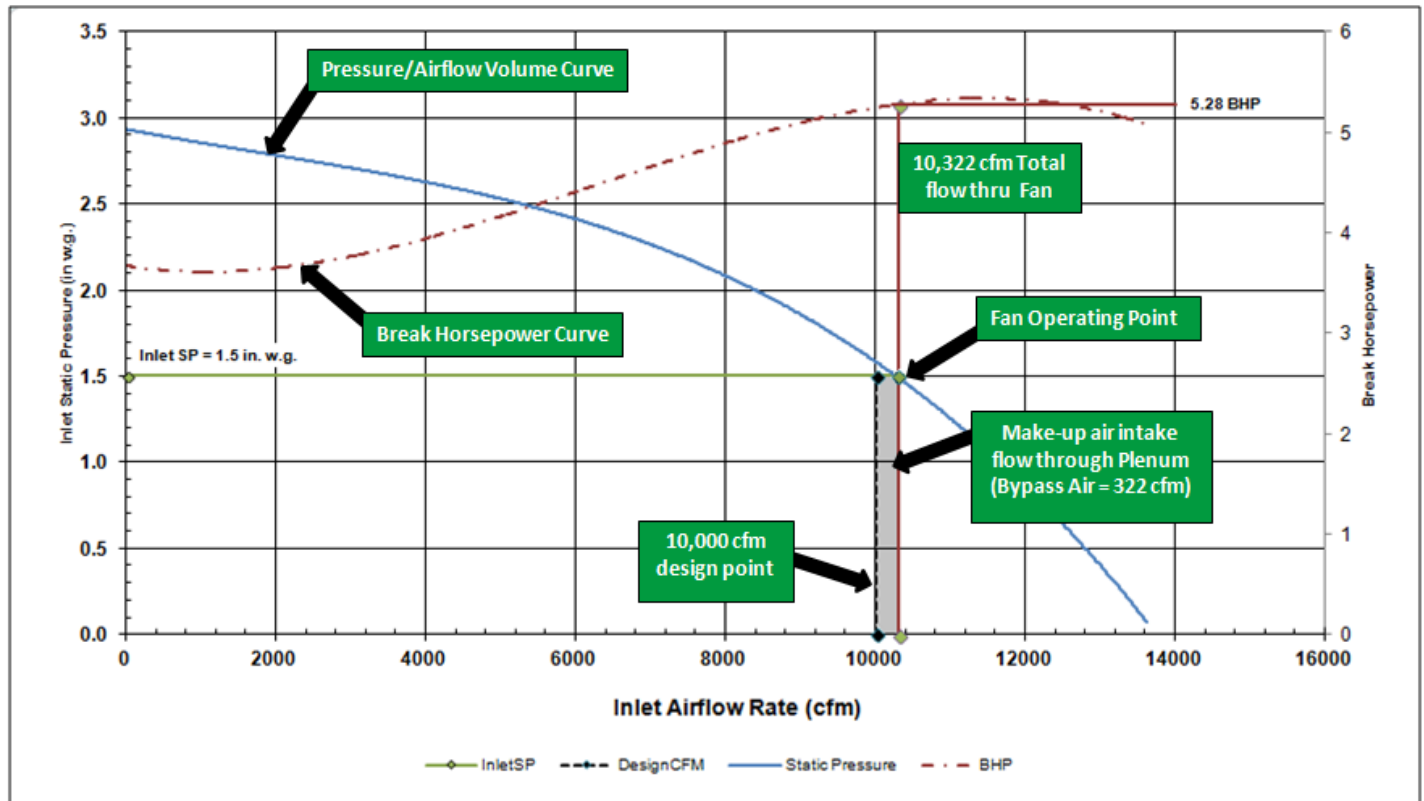


Strobic Air Corporation certifies that the models shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program. Silencer option is not yet certified by AMCA.

## Fan Curve Guideline

A fan curve is used to find the fan's inlet flow rate and brake horsepower at a certain static pressure. A line is drawn horizontally from the specified static pressure to the pressure/airflow volume curve. A line is drawn down from this point to the horizontal axis to determine the inlet flow rate. A line is then drawn up until intersecting with the brake horsepower curve. At the point of intersection a line is drawn to the right to find the break horsepower for the fan. The amount of bypass can be determined by subtracting the design flow rate from the fan inlet flow rate ( $10,322 - 10,000 = 322$  cfm bypass).

### Example Selection: 10,000 CFM Exhaust at 1.5" w.g. Inlet Static Pressure



A Mono-Stack fan can be identified via its part number. See below for an example.

C20	BI	16	N	050	I	4
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Please visit our website @ [www.choosetrystack.com](http://www.choosetrystack.com)

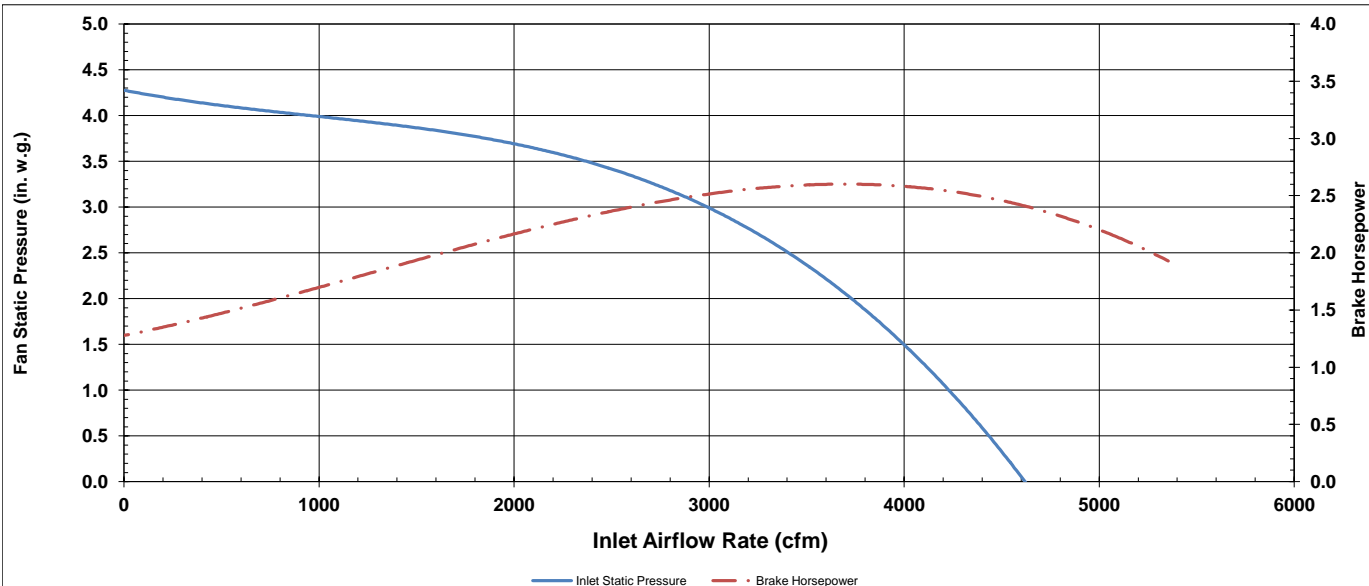
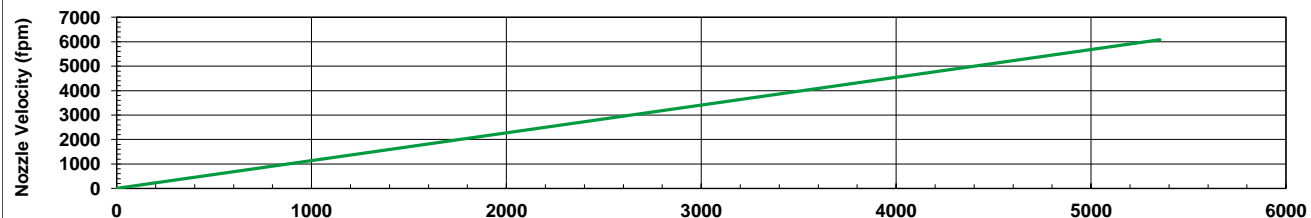
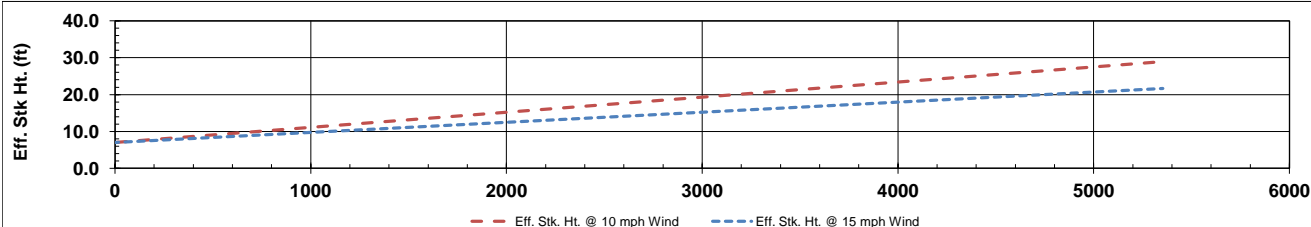
# Table of Contents

Mono-Stack .....	3
C18 .....	3
1800 RPM .....	3
C18BI08N030I4 .....	3
C18BI11N030I4 .....	4
C18BI14N030I4 .....	5
C20 .....	6
1800 RPM .....	6
C20BI10N050I4 .....	6
C20BI14N050I4 .....	7
C20BI16N050I4 .....	8
C22 .....	9
1800 RPM .....	9
C22BI13N100I4 .....	9
C22BI17N100I4 .....	10
C22BI20N100I4 .....	11
C24 .....	12
1200 RPM .....	12
C24BI15N050I6 .....	12
C24BI21N050I6 .....	13
C24BI25N050I6 .....	14
1800 RPM .....	12
C24BI15N150I4 .....	15
C24BI21N150I4 .....	16
C24BI25N150I4 .....	17
C27 .....	18
1200 RPM .....	18
C27BI19N075I6 .....	18
C27BI25N075I6 .....	19
C27BI30N075I6 .....	20
1800 RPM .....	21
C27BI19N250I4 .....	21
C27BI25N250I4 .....	22
C27BI30N250I4 .....	23
C30 .....	24
1200 RPM .....	24
C30BI23N150I6 .....	24
C30BI31N150I6 .....	25
C30BI37N150I6 .....	26
1800 RPM .....	27

C30BI23N400I4 .....	27
C30BI31N400I4 .....	28
C30BI37N400I4 .....	29
C33 .....	30
1200 RPM .....	30
C33BI28N200I6 .....	30
C33BI37N200I6 .....	31
C33BI45N200I6 .....	32
1800 RPM .....	33
C33BI28N600I4 .....	33
C33BI37N600I4 .....	34
C33BI45N600I4 .....	35
C36 .....	36
1200 RPM .....	36
C36BI33N300I6 .....	36
C36BI45N300I6 .....	37
C36BI54N300I6 .....	38

Model #: C18B108N030I4  
Density: 0.075 lbs./cu. ft.

Speed: 1770 rpm  
Outlet Area: .88 ft<sup>2</sup>



Inlet Sound Power Lw(dB) by Octave Band

RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1770	0.00	102	94	96	87	80	80	72	65	104
1770	1.00	109	94	96	87	80	79	72	66	109
1770	2.00	111	94	95	87	80	79	72	65	111
1770	3.00	106	95	93	86	79	78	72	66	107

Outlet Sound Power Lw(dB) by Octave Band

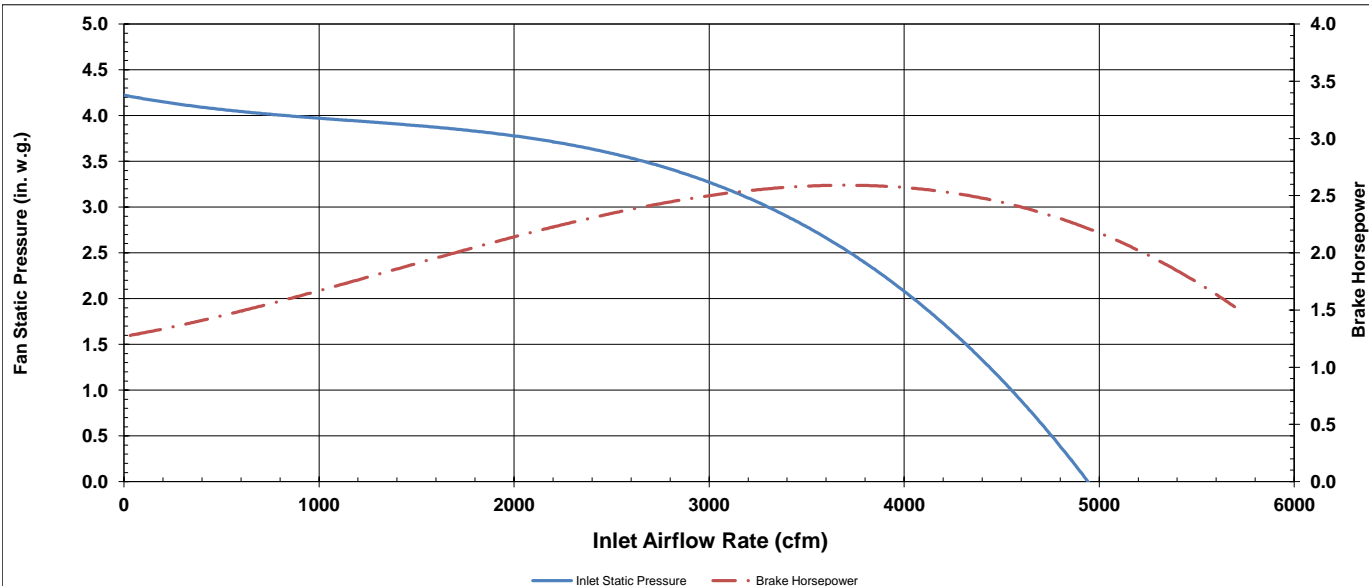
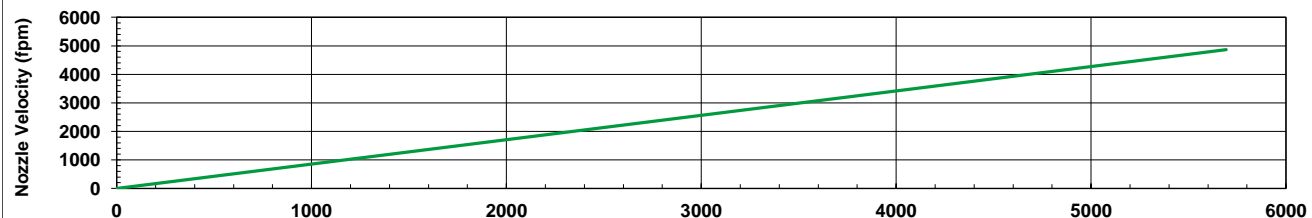
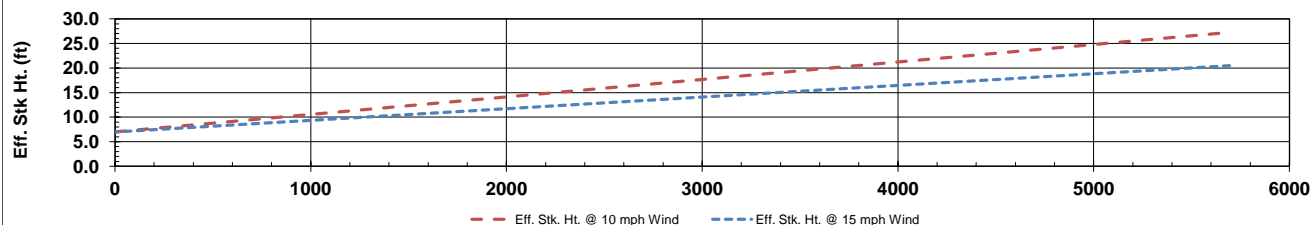
RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1770	0.00	87	83	95	86	84	81	74	65	97
1770	1.00	85	83	95	86	83	81	74	65	96
1770	2.00	84	83	95	86	83	80	74	66	96
1770	3.00	86	83	93	85	82	79	73	68	95

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of cross winds. Performance ratings do not include the effects of appurtenances (accessories). The AMCA Certified Ratings Seal does not apply to Effective Stack Height data. Values shown are for outlet Lwo sound power levels for Installation Type A: free inlet, free outlet. The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301.

**STROBIC AIR**  
Fans, Silencers & Systems  
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Model #: C18B11N030I4  
Density: 0.075 lbs./cu. ft.

Speed: 1770 rpm  
Outlet Area: 1.17 ft<sup>2</sup>



Inlet Sound Power Lw(dB) by Octave Band

RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1770	0.00	100	95	97	88	81	81	73	65	103
1770	1.00	98	94	96	87	80	80	71	64	101
1770	2.00	96	93	96	87	79	79	71	64	100
1770	3.00	96	94	93	86	79	78	71	65	99

Outlet Sound Power Lw(dB) by Octave Band

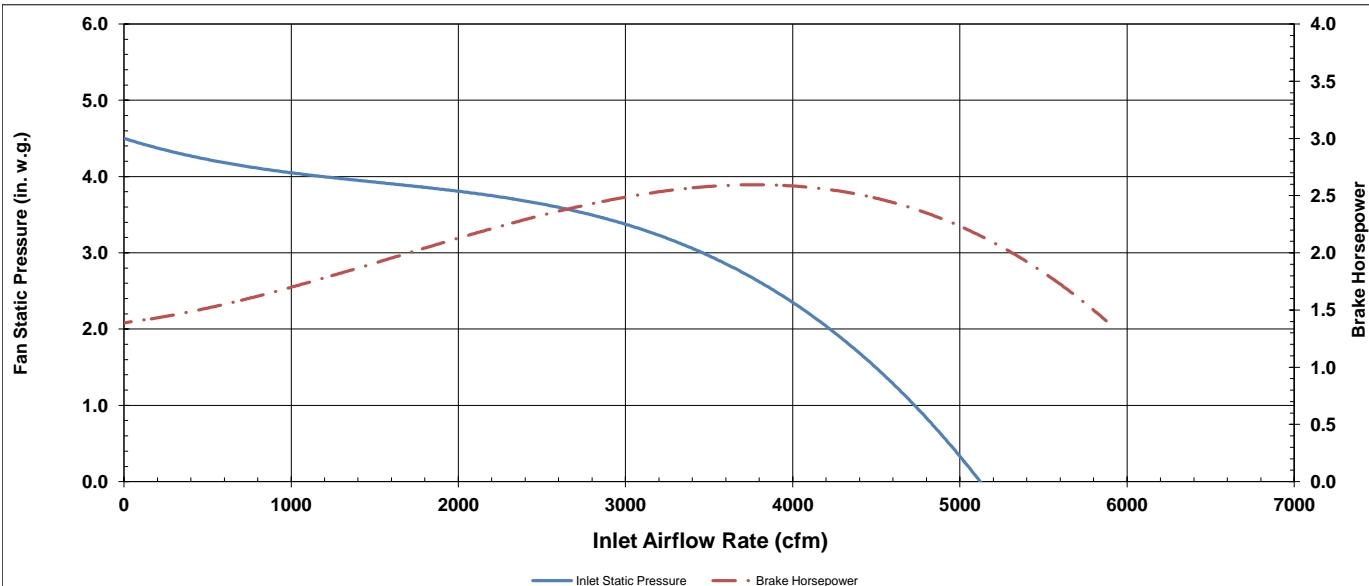
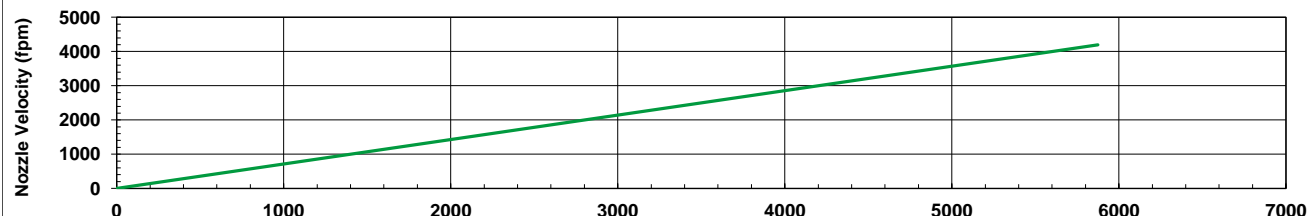
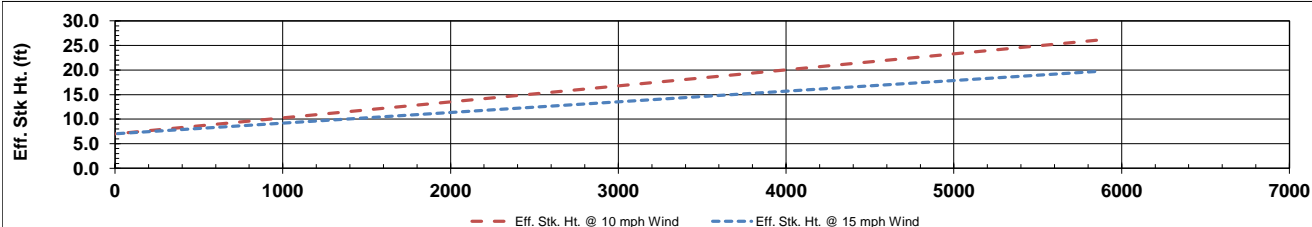
RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1770	0.00	92	85	98	87	85	83	77	67	100
1770	1.00	89	84	95	86	84	82	74	66	97
1770	2.00	88	83	95	86	84	81	74	66	97
1770	3.00	88	84	94	86	83	80	74	68	96

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of cross winds. Performance ratings do not include the effects of appurtenances (accessories). The AMCA Certified Ratings Seal does not apply to Effective Stack Height data. Values shown are for outlet Lwo sound power levels for Installation Type A: free inlet, free outlet. The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301.

**STROBIC AIR**  
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Model #: C18BI14N030I4  
Density: 0.075 lbs./cu. ft.

Speed: 1770 rpm  
Outlet Area: 1.40 ft<sup>2</sup>



Inlet Sound Power Lw(dB) by Octave Band

RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1770	0.00	103	95	97	88	81	81	73	65	105
1770	1.00	103	94	97	87	79	79	71	64	104
1770	2.00	108	94	96	87	79	79	72	65	108
1770	3.00	105	94	94	86	78	78	71	65	106

Outlet Sound Power Lw(dB) by Octave Band

RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1770	0.00	92	87	99	88	86	84	78	68	100
1770	1.00	89	85	96	87	85	82	75	67	98
1770	2.00	87	84	96	87	84	82	75	67	97
1770	3.00	86	85	95	87	84	81	74	69	97

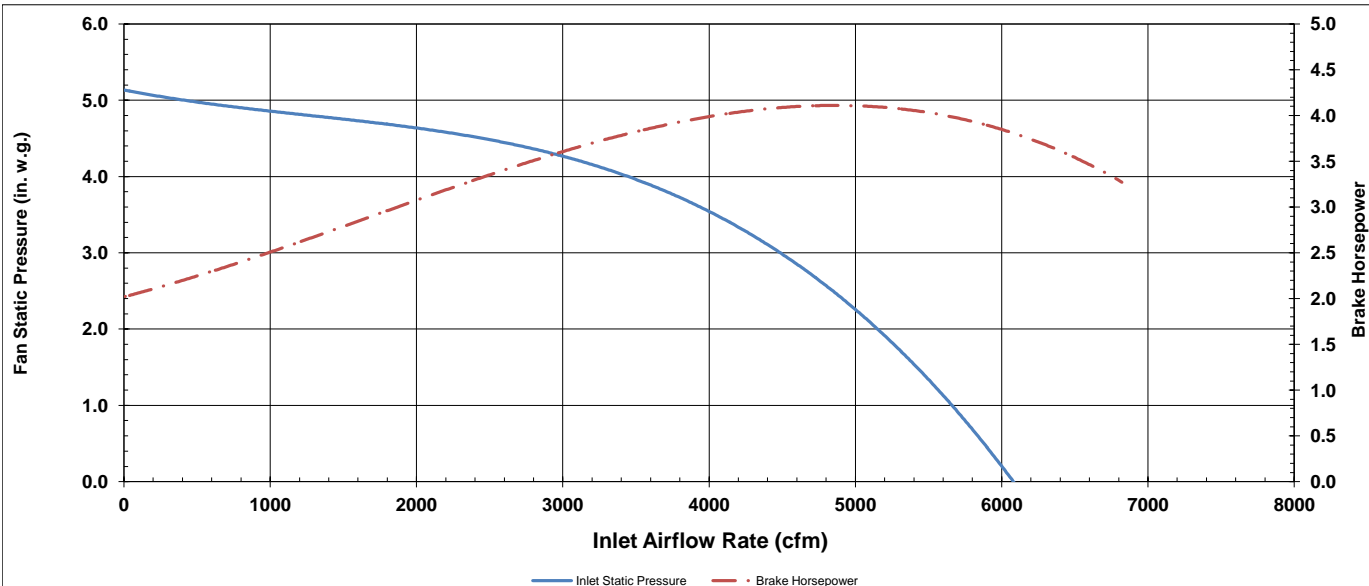
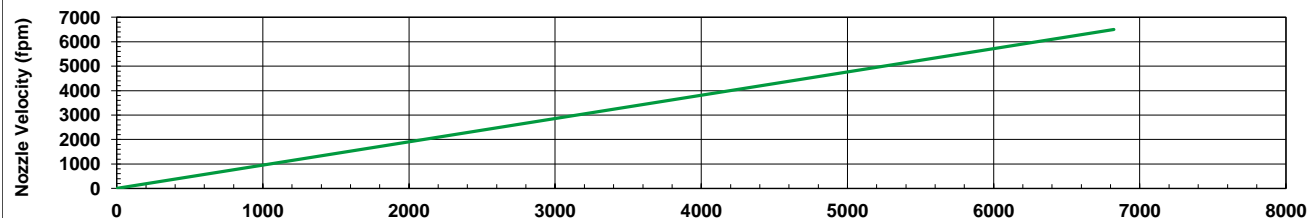
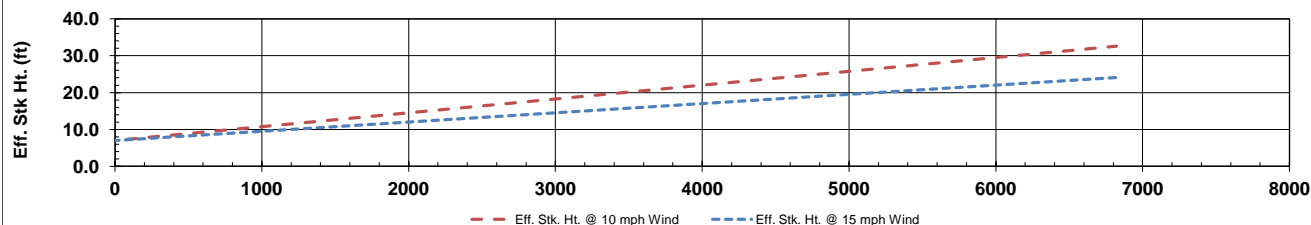
Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of cross winds. Performance ratings do not include the effects of appurtenances (accessories). The AMCA Certified Ratings Seal does not apply to Effective Stack Height data. Values shown are for outlet Lwo sound power levels for Installation Type A: free inlet, free outlet. The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301.

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Model #: C20BI10N050I4  
Density: 0.075 lbs./cu. ft.

Speed: 1770 rpm  
Outlet Area: 1.05 ft<sup>2</sup>



Inlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1770	0.00	104	96	98	89	82	82	74	67	106
1770	1.00	110	96	98	89	82	81	74	68	110
1770	2.00	113	96	98	89	82	81	74	68	113
1770	3.00	111	97	96	89	82	81	74	68	111

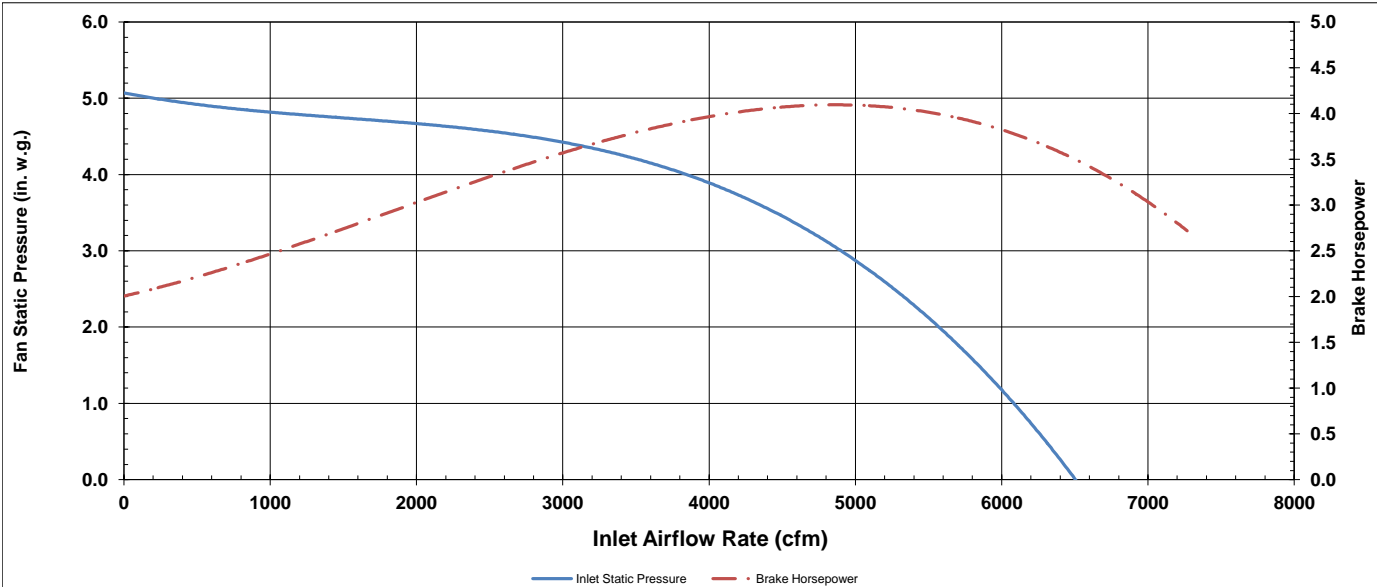
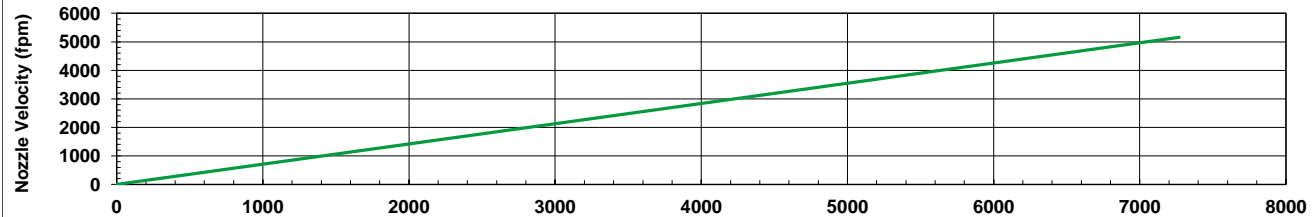
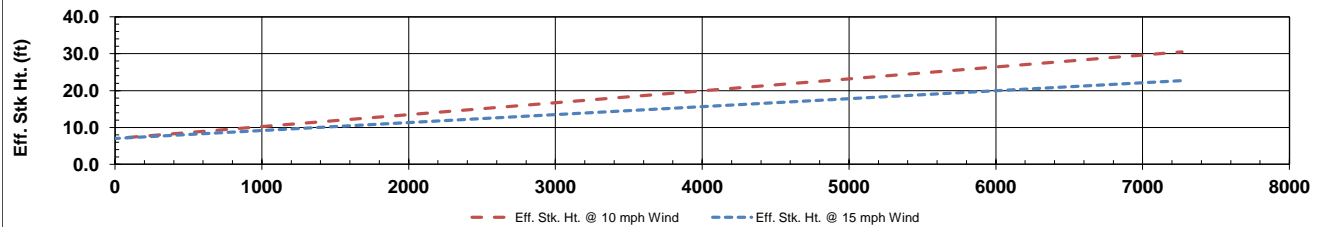
Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1770	0.00	90	86	98	88	86	83	76	67	99
1770	1.00	88	86	98	88	85	83	76	67	99
1770	2.00	87	86	98	88	85	83	76	68	99
1770	3.00	88	86	97	88	85	82	76	69	99

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of cross winds. Performance ratings do not include the effects of appurtenances (accessories). The AMCA Certified Ratings Seal does not apply to Effective Stack Height data. Values shown are for outlet Lwo sound power levels for Installation Type A: free inlet, free outlet. The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301.

**STROBIC AIR**  
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A CECO Environmental Company

Model #: C20BI14N050I4  
Density: 0.075 lbs./cu. ft.

Speed: 1770 rpm  
Outlet Area: 1.41 ft<sup>2</sup>



Inlet Sound Power Lw(dB) by Octave Band

RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1770	0.00	102	97	99	90	83	83	75	67	105
1770	1.00	101	96	98	89	82	82	74	66	104
1770	2.00	99	96	98	89	82	82	73	66	103
1770	3.00	98	96	97	89	81	81	73	67	102

Outlet Sound Power Lw(dB) by Octave Band

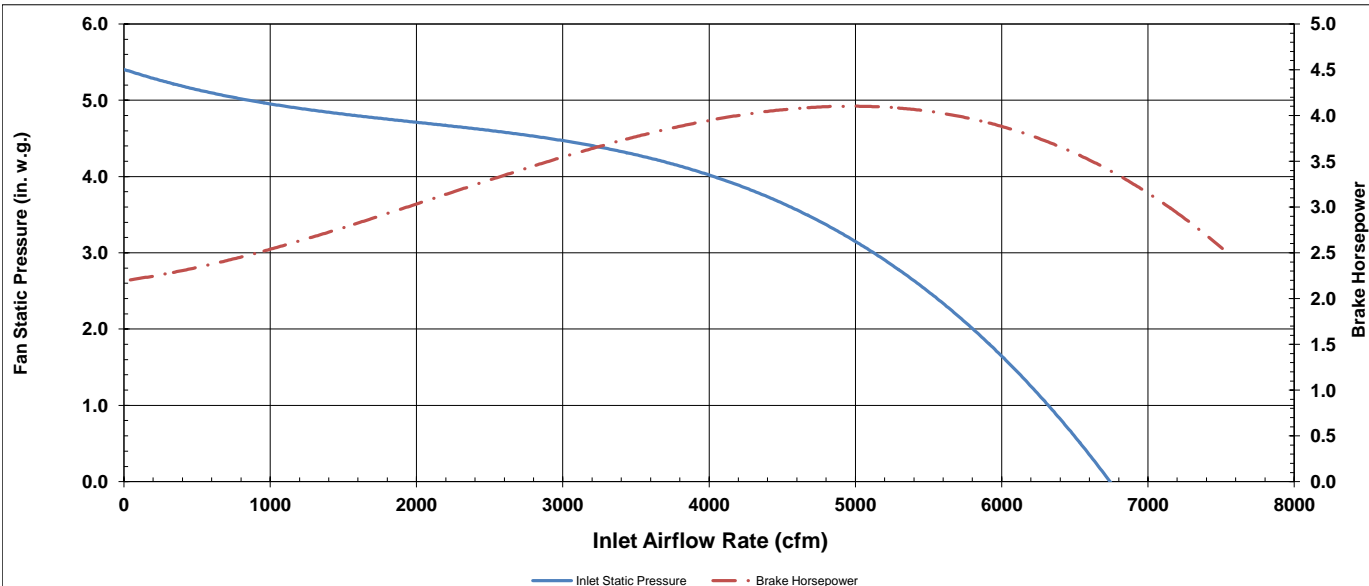
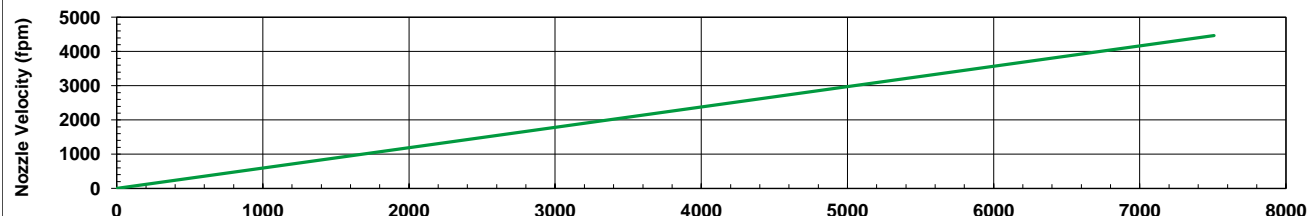
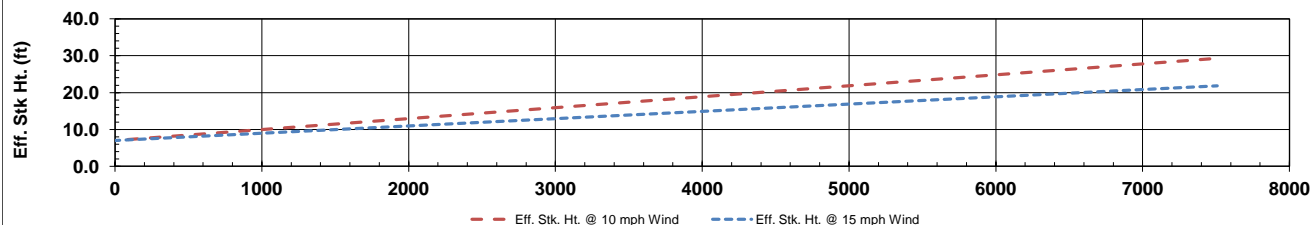
RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1770	0.00	95	88	101	89	87	85	79	69	103
1770	1.00	93	87	98	89	86	84	77	68	100
1770	2.00	91	86	98	88	86	84	76	68	100
1770	3.00	91	86	97	88	86	83	76	69	99

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of cross winds. Performance ratings do not include the effects of appurtenances (accessories). The AMCA Certified Ratings Seal does not apply to Effective Stack Height data. Values shown are for outlet Lwo sound power levels for Installation Type A: free inlet, free outlet. The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301.

**STROBIC AIR**  
Fans, Silencers & Systems  
A CECO Environmental Company

Model #: C20BI16N050I4  
Density: 0.075 lbs./cu. ft.

Speed: 1770 rpm  
Outlet Area: 1.68 ft<sup>2</sup>



Inlet Sound Power Lw(dB) by Octave Band

RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1770	0.00	105	97	99	90	83	83	75	67	107
1770	1.00	105	96	99	89	82	82	74	66	106
1770	2.00	109	96	99	89	81	81	74	67	110
1770	3.00	109	96	97	89	81	81	74	67	109

Outlet Sound Power Lw(dB) by Octave Band

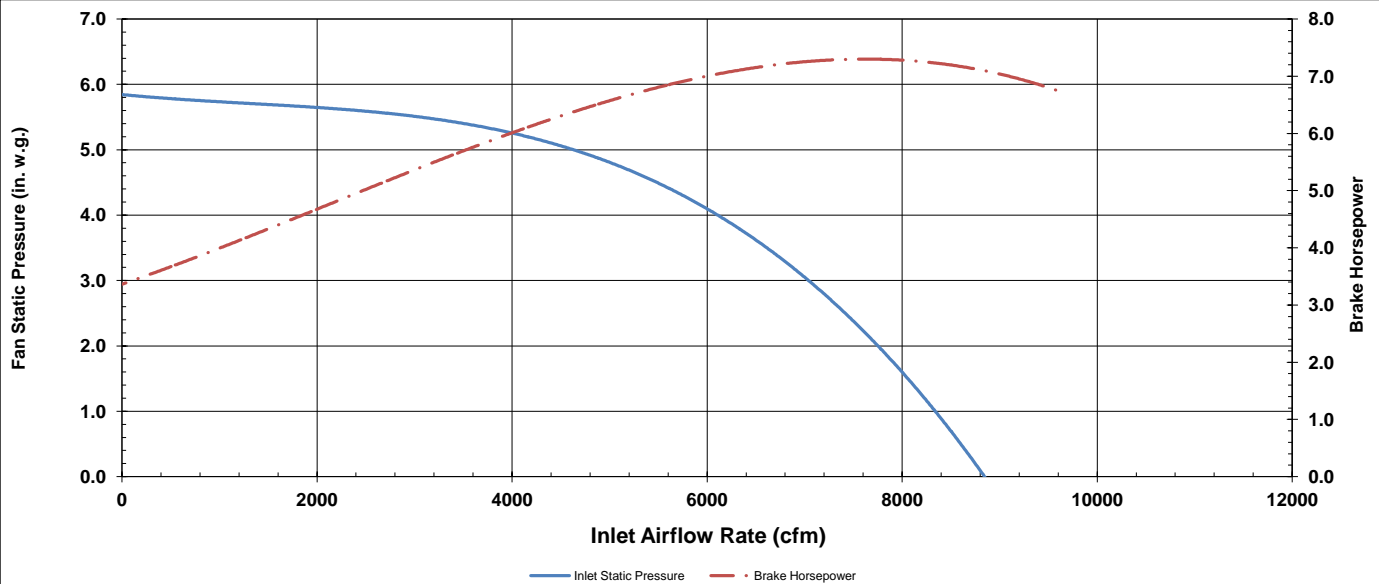
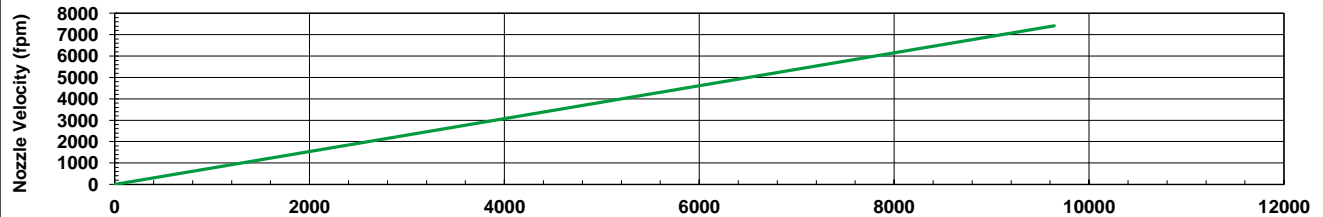
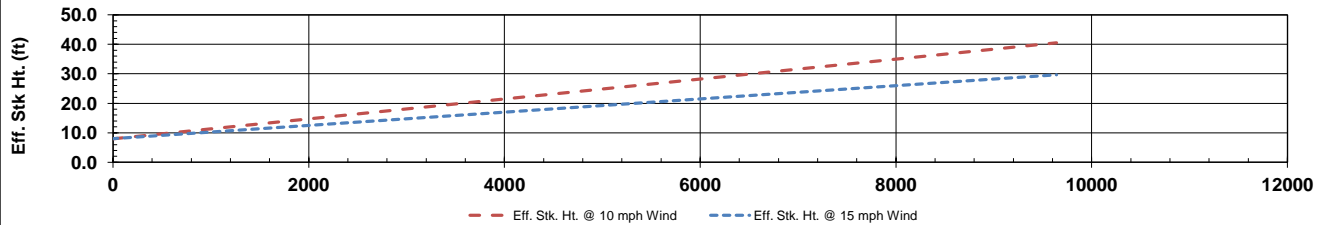
RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1770	0.00	95	90	102	90	88	86	80	70	103
1770	1.00	93	88	99	90	87	85	78	69	101
1770	2.00	91	87	99	89	87	84	77	69	100
1770	3.00	90	87	98	89	86	84	77	70	100

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of cross winds. Performance ratings do not include the effects of appurtenances (accessories). The AMCA Certified Ratings Seal does not apply to Effective Stack Height data. Values shown are for outlet Lwo sound power levels for Installation Type A: free inlet, free outlet. The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301.

**STROBIC AIR**  
Fans, Silencers & Systems  
A CECO Environmental Company

Model #: C22B113N100I4  
Density: 0.075 lbs./cu. ft.

Speed: 1770 rpm  
Outlet Area: 1.30 ft<sup>2</sup>



Inlet Sound Power Lw(dB) by Octave Band

RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1770	0.00	95	92	100	89	86	86	79	73	102
1770	1.50	96	92	101	89	86	85	79	73	103
1770	3.00	96	92	102	89	85	85	79	73	104
1770	4.50	94	91	100	88	85	84	78	73	102

Outlet Sound Power Lw(dB) by Octave Band

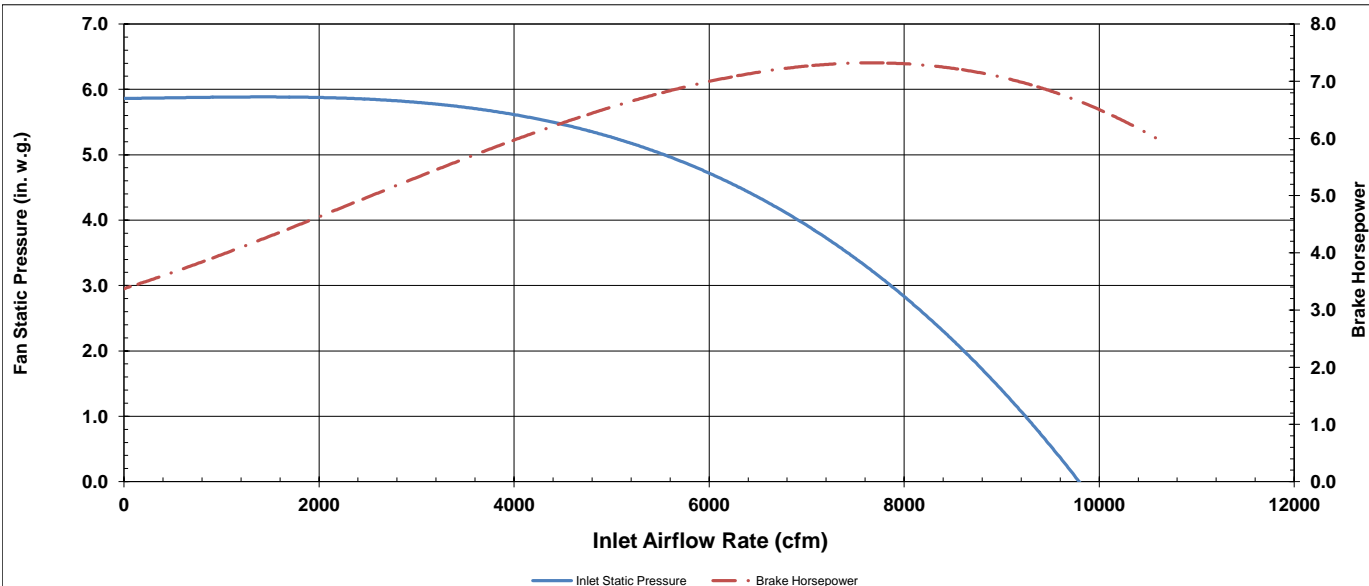
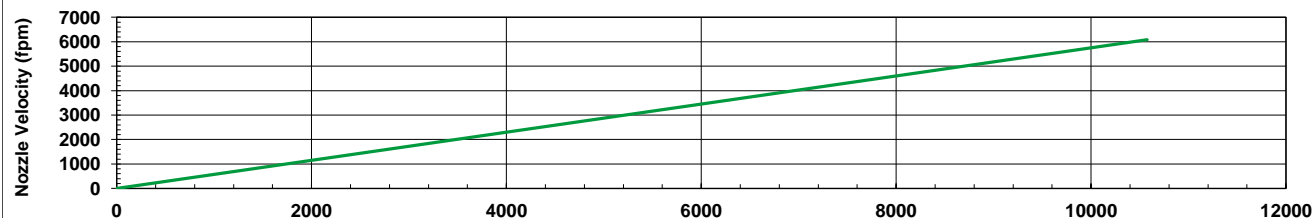
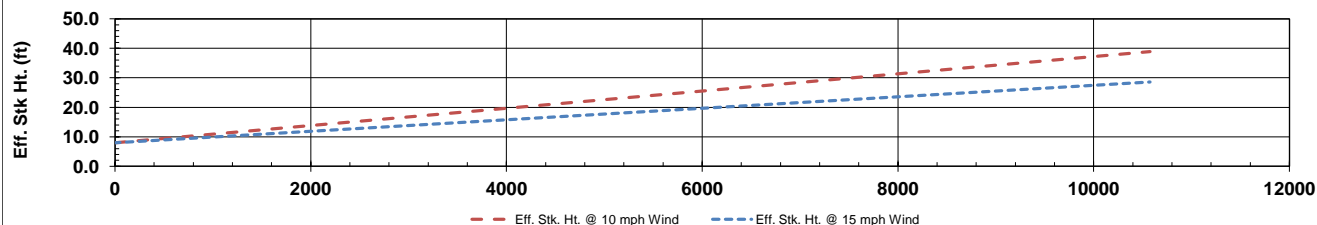
RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1770	0.00	94	98	103	89	89	87	80	73	105
1770	1.50	91	95	104	90	89	86	80	72	105
1770	3.00	92	98	101	89	88	86	79	72	103
1770	4.50	91	95	100	89	88	85	78	73	102

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of cross winds. Performance ratings do not include the effects of appurtenances (accessories). The AMCA Certified Ratings Seal does not apply to Effective Stack Height data. Values shown are for outlet Lwo sound power levels for Installation Type A: free inlet, free outlet. The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301.

**STROBIC AIR**  
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Model #: C22BI17N100I4  
Density: 0.075 lbs./cu. ft.

Speed: 1770 rpm  
Outlet Area: 1.74 ft<sup>2</sup>



Inlet Sound Power Lw(dB) by Octave Band

RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1770	0.00	94	92	101	90	86	87	80	73	103
1770	1.50	95	92	101	89	86	86	79	72	103
1770	3.00	98	92	101	89	86	85	78	72	103
1770	4.50	98	93	101	89	85	84	78	72	103

Outlet Sound Power Lw(dB) by Octave Band

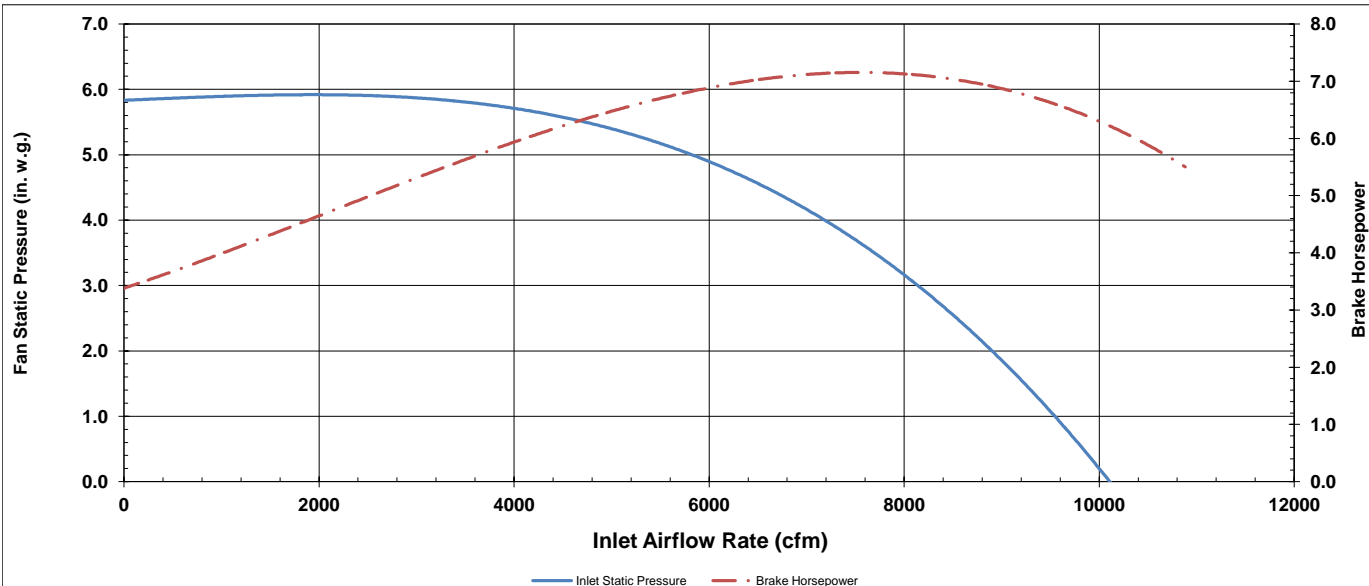
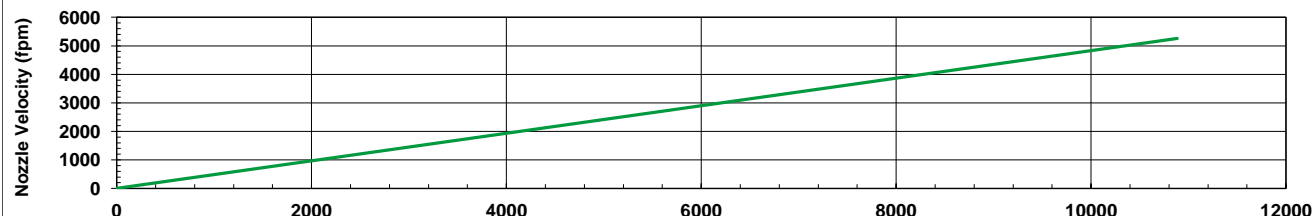
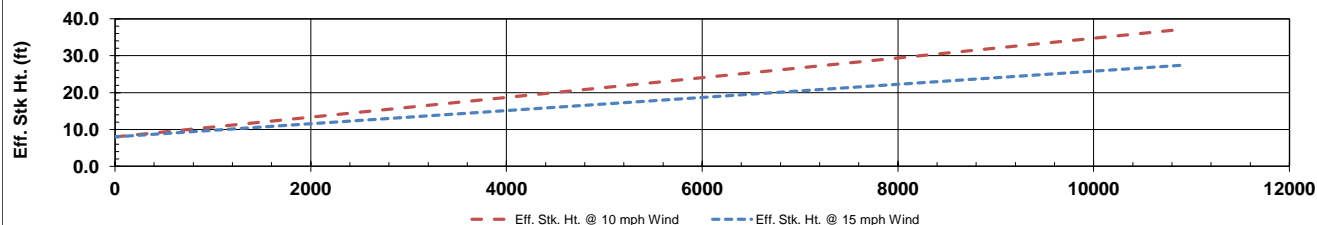
RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1770	0.00	95	99	103	91	90	89	83	74	105
1770	1.50	95	97	104	90	90	87	80	73	105
1770	3.00	94	96	104	90	89	87	80	73	105
1770	4.50	94	97	100	90	89	86	79	74	103

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of cross winds. Performance ratings do not include the effects of appurtenances (accessories). The AMCA Certified Ratings Seal does not apply to Effective Stack Height data. Values shown are for outlet Lwo sound power levels for Installation Type A: free inlet, free outlet. The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301.

**STROBIC AIR**  
Fans, Silencers & Systems  
A CECO Environmental Company

Model #: C22BI20N100I4  
Density: 0.075 lbs./cu. ft.

Speed: 1770 rpm  
Outlet Area: 2.07 ft<sup>2</sup>



Inlet Sound Power Lw(dB) by Octave Band

RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1770	0.00	95	92	101	90	87	88	81	73	103
1770	1.50	95	92	101	89	86	86	79	72	103
1770	3.00	97	92	99	89	86	85	78	72	102
1770	4.50	99	92	100	89	85	84	78	71	103

Outlet Sound Power Lw(dB) by Octave Band

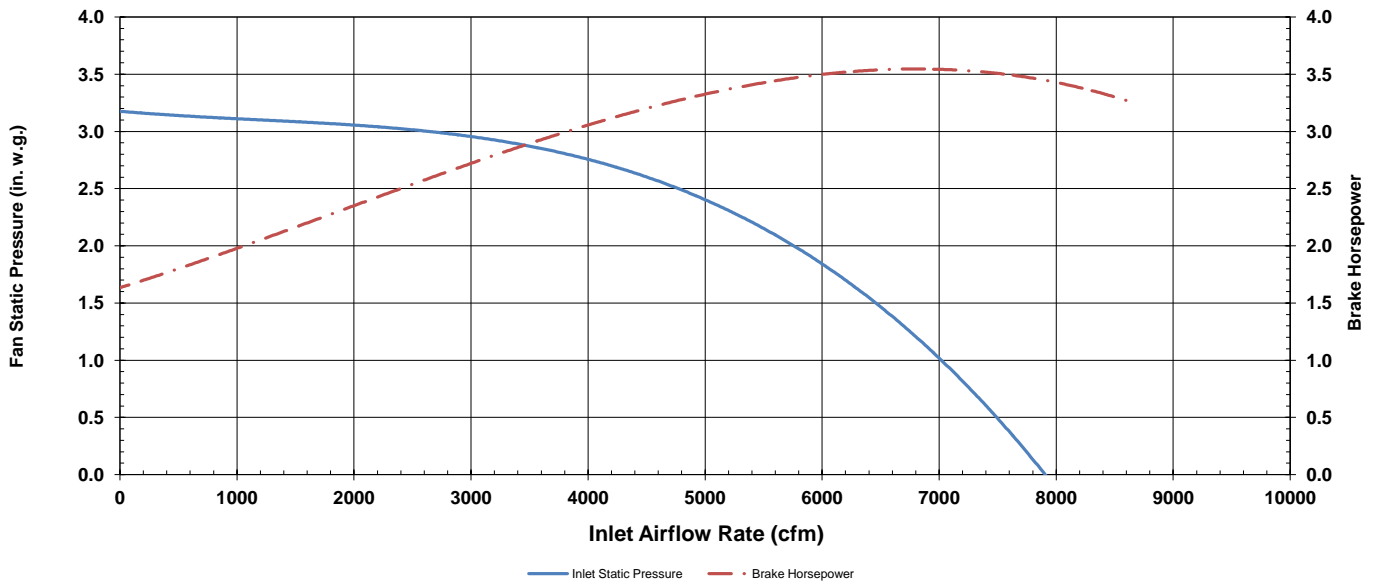
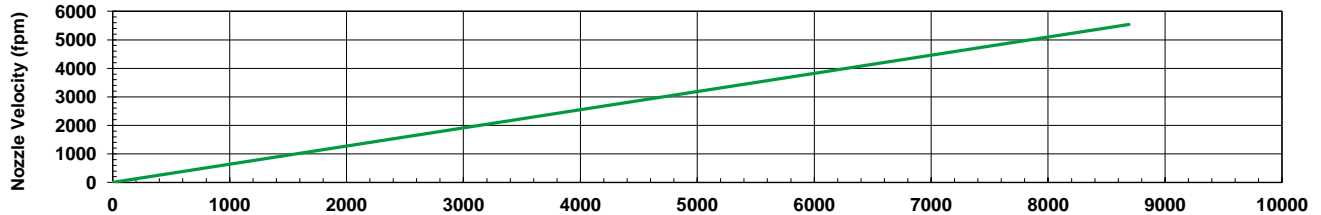
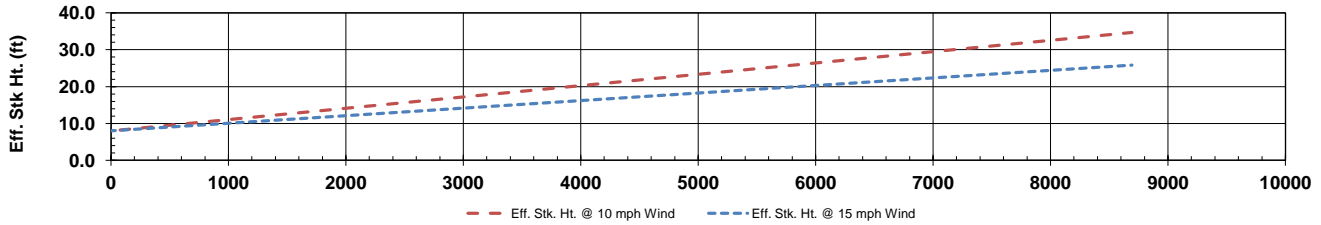
RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1770	0.00	95	99	103	92	91	90	84	75	105
1770	1.50	94	97	104	91	90	88	81	74	105
1770	3.00	91	97	102	90	90	87	80	73	104
1770	4.50	95	98	100	90	89	86	79	74	103

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of cross winds. Performance ratings do not include the effects of appurtenances (accessories). The AMCA Certified Ratings Seal does not apply to Effective Stack Height data. Values shown are for outlet Lwo sound power levels for Installation Type A: free inlet, free outlet. The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301.

**STROBIC AIR**  
Fans, Silencers & Systems  
A CECO Environmental Company

Model #: C24BI15N050I6  
Density: 0.075 lbs./cu. ft.

Speed: 1185 rpm  
Outlet Area: 1.57 ft<sup>2</sup>



Inlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1185	0.00	87	90	88	81	80	76	69	63	94
1185	1.50	87	91	89	81	79	75	69	63	94
1185	3.00	85	89	86	80	78	74	69	64	92
1185	4.50	82	86	84	79	77	72	68	65	90

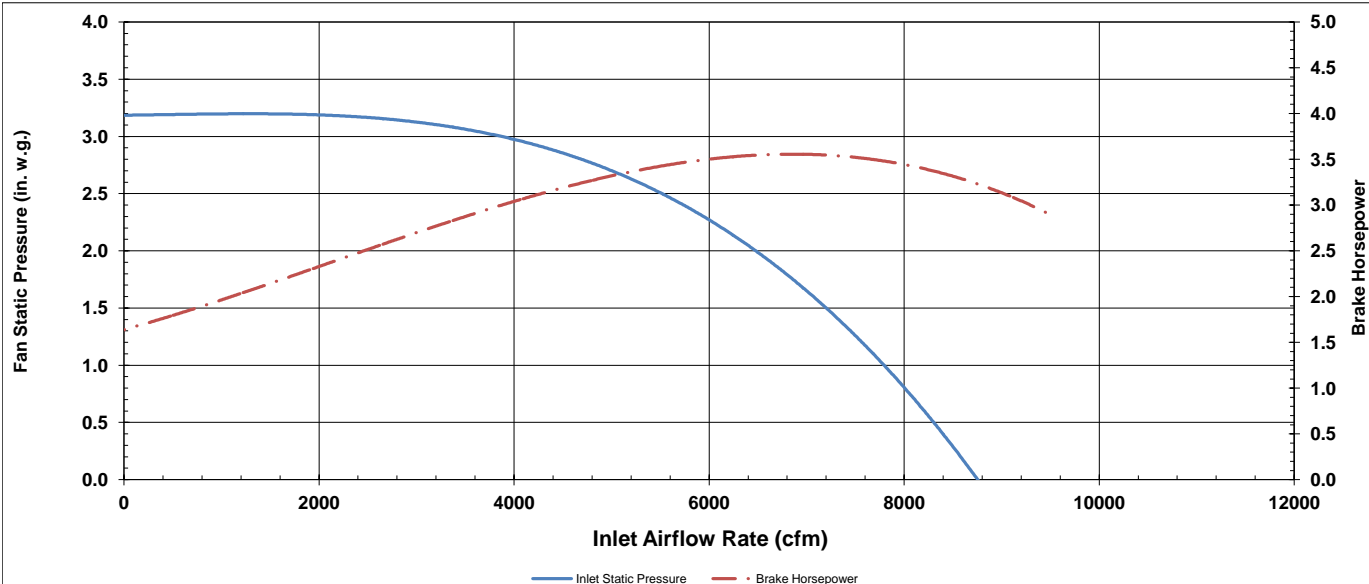
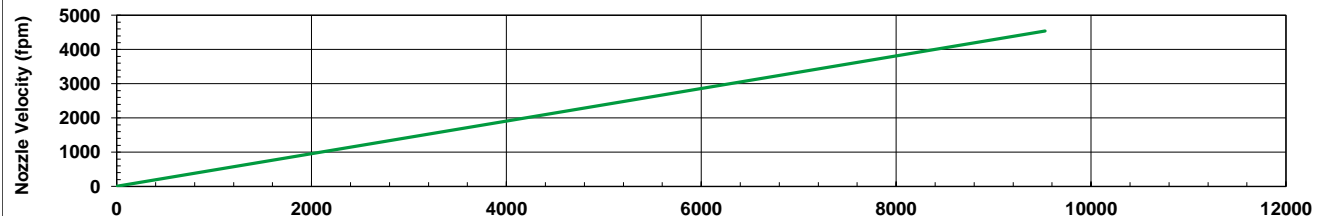
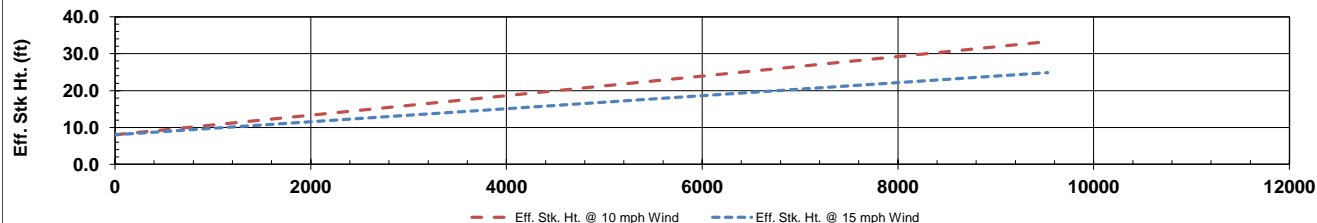
Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1185	0.00	88	93	89	83	82	77	70	63	96
1185	1.50	87	92	88	82	81	76	69	62	95
1185	3.00	84	89	87	82	80	74	69	65	93
1185	4.50	80	86	86	82	78	72	69	69	91

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of cross winds. Performance ratings do not include the effects of appurtenances (accessories). The AMCA Certified Ratings Seal does not apply to Effective Stack Height data. Values shown are for outlet Lwo sound power levels for Installation Type A: free inlet, free outlet. The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301.

**STROBIC AIR**  
Fans, Silencers & Systems  
A CECO Environmental Company

Model #: C24BI21N050I6  
Density: 0.075 lbs./cu. ft.

Speed: 1185 rpm  
Outlet Area: 2.10 ft<sup>2</sup>



Inlet Sound Power Lw(dB) by Octave Band

RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1185	0.00	87	91	89	81	80	77	70	63	94
1185	1.50	88	91	88	81	79	75	68	62	94
1185	3.00	89	92	88	80	77	74	68	62	95
1185	4.50	90	92	88	79	76	73	68	62	95

Outlet Sound Power Lw(dB) by Octave Band

RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1185	0.00	89	94	90	84	83	79	72	63	97
1185	1.50	87	93	90	83	82	77	70	63	96
1185	3.00	88	90	87	83	81	75	70	66	94
1185	4.50	89	86	83	83	79	73	70	70	92

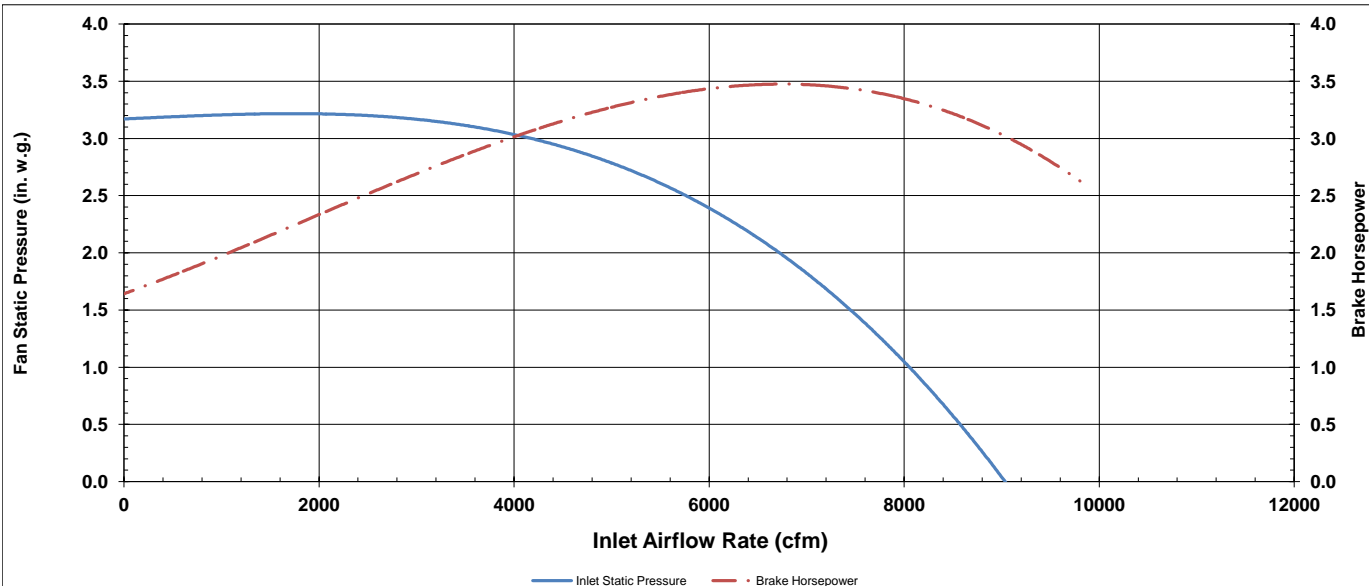
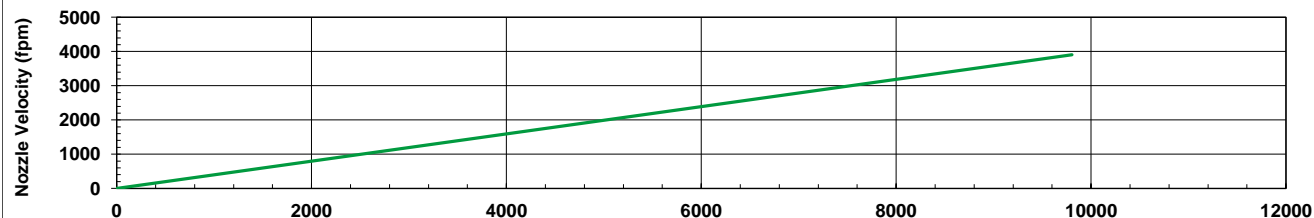
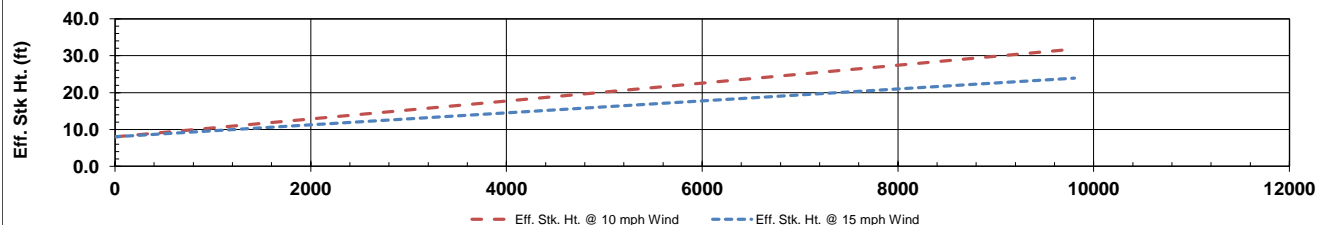
Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of cross winds. Performance ratings do not include the effects of appurtenances (accessories). The AMCA Certified Ratings Seal does not apply to Effective Stack Height data. Values shown are for outlet Lwo sound power levels for Installation Type A: free inlet, free outlet. The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301.

**STROBIC AIR**  
Fans, Silencers & Systems  
A CECO Environmental Company



Model #: C24BI25N050I6  
Density: 0.075 lbs./cu. ft.

Speed: 1185 rpm  
Outlet Area: 2.51 ft<sup>2</sup>



Inlet Sound Power Lw(dB) by Octave Band

RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1185	0.00	87	91	89	82	81	78	70	62	95
1185	1.50	88	90	88	81	79	75	68	62	94
1185	3.00	89	91	88	80	77	74	67	60	95
1185	4.50	91	92	89	79	76	73	66	57	96

Outlet Sound Power Lw(dB) by Octave Band

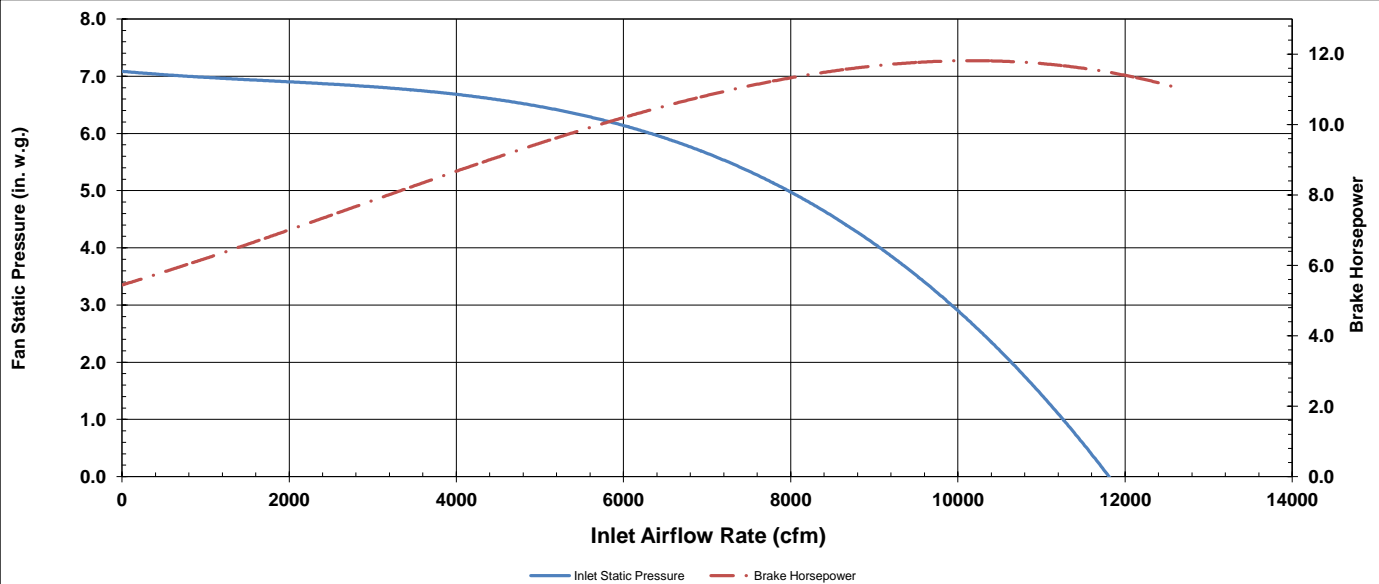
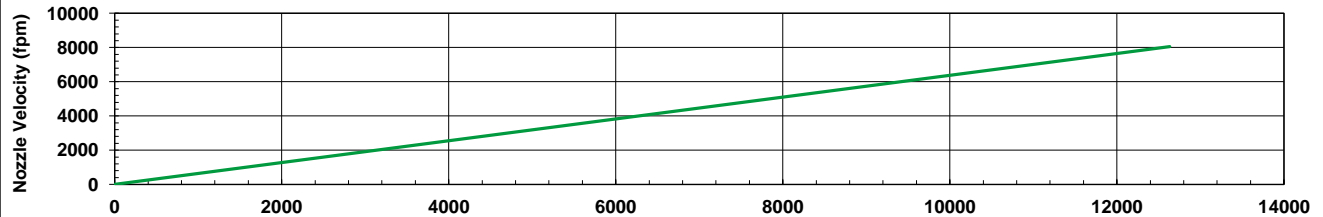
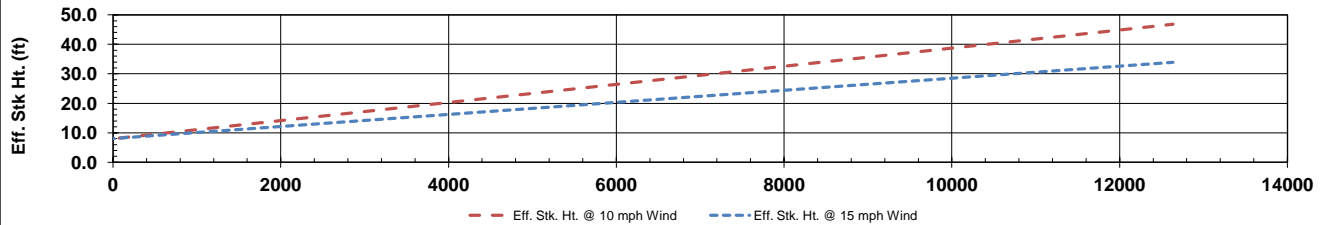
RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1185	0.00	89	94	90	85	84	80	73	64	97
1185	1.50	86	92	89	84	82	77	70	63	95
1185	3.00	90	91	87	83	80	75	70	66	95
1185	4.50	94	90	86	82	78	73	70	70	96

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of cross winds. Performance ratings do not include the effects of appurtenances (accessories). The AMCA Certified Ratings Seal does not apply to Effective Stack Height data. Values shown are for outlet Lwo sound power levels for Installation Type A: free inlet, free outlet. The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301.

**STROBIC AIR**  
Fans, Silencers & Systems  
A CECO Environmental Company

Model #: C24BI15N150I4  
Density: 0.075 lbs./cu. ft.

Speed: 1770 rpm  
Outlet Area: 1.57 ft<sup>2</sup>



Inlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1770	0.00	97	94	102	91	88	88	81	75	104
1770	1.50	98	94	103	91	88	88	81	75	105
1770	3.00	98	94	104	91	88	87	81	75	106
1770	4.50	97	94	103	91	87	87	81	75	105

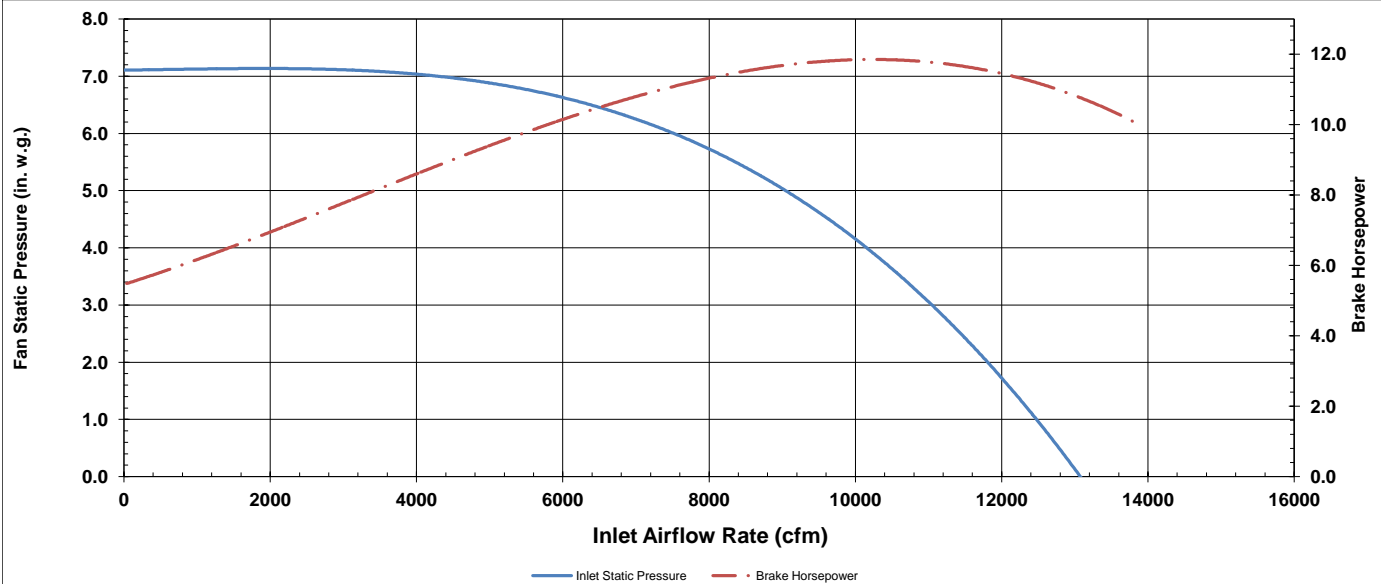
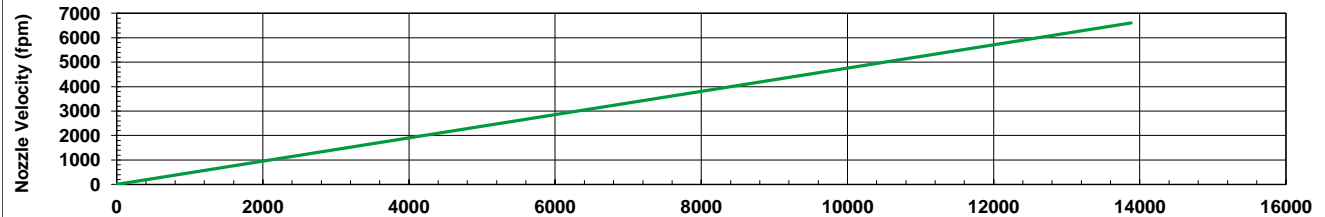
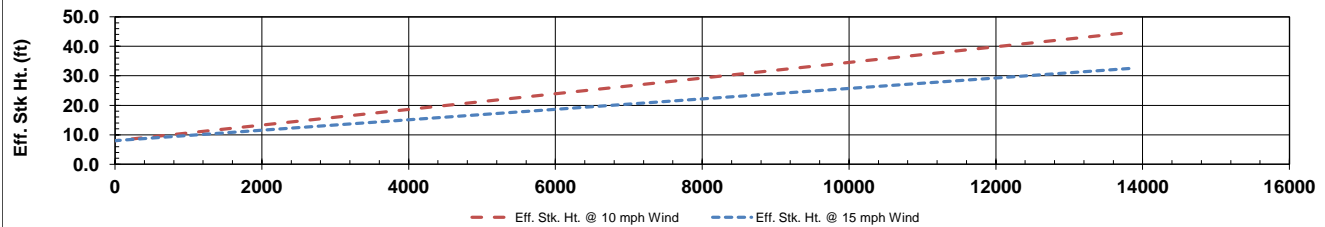
Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1770	0.00	97	101	106	91	91	89	82	75	108
1770	1.50	95	98	107	92	91	89	82	75	108
1770	3.00	95	100	105	92	91	88	82	74	107
1770	4.50	95	100	103	91	90	88	81	75	106

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of cross winds. Performance ratings do not include the effects of appurtenances (accessories). The AMCA Certified Ratings Seal does not apply to Effective Stack Height data. Values shown are for outlet Lwo sound power levels for Installation Type A: free inlet, free outlet. The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301.

**STROBIC AIR**  
Fans, Silencers & Systems  
A CECO Environmental Company

Model #: C24BI21N150I4  
Density: 0.075 lbs./cu. ft.

Speed: 1770 rpm  
Outlet Area: 2.10 ft<sup>2</sup>



Inlet Sound Power Lw(dB) by Octave Band

RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1770	0.00	96	94	103	92	88	89	82	75	105
1770	1.50	97	94	103	92	88	89	82	75	105
1770	3.00	99	94	103	91	88	88	81	74	105
1770	4.50	100	95	103	91	88	87	80	74	105

Outlet Sound Power Lw(dB) by Octave Band

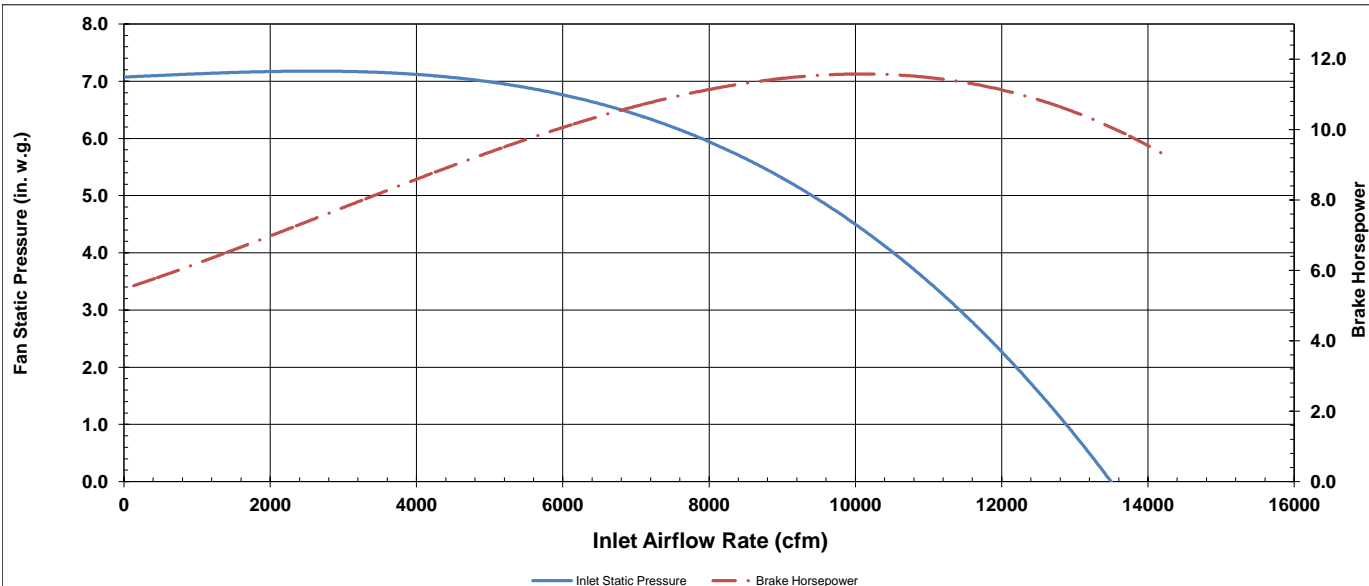
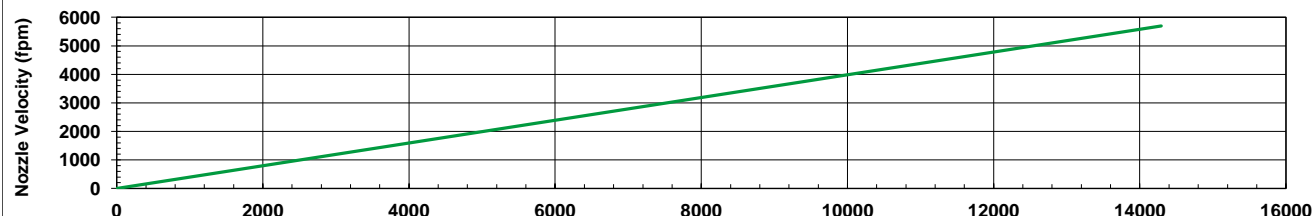
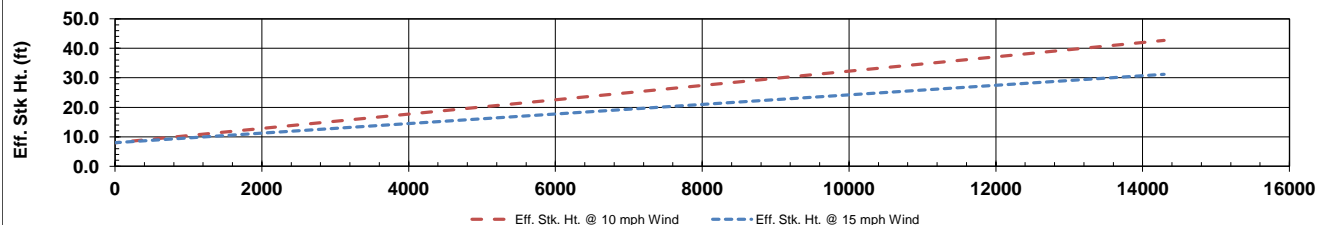
RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1770	0.00	98	102	106	93	92	91	85	76	108
1770	1.50	98	100	107	93	92	90	83	76	108
1770	3.00	97	99	107	92	92	89	82	75	108
1770	4.50	97	99	105	92	91	89	82	76	107

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of cross winds. Performance ratings do not include the effects of appurtenances (accessories). The AMCA Certified Ratings Seal does not apply to Effective Stack Height data. Values shown are for outlet Lwo sound power levels for Installation Type A: free inlet, free outlet. The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301.

**STROBIC AIR**  
Fans, Silencers & Systems  
A CECO Environmental Company

Model #: C24BI25N150I4  
Density: 0.075 lbs./cu. ft.

Speed: 1770 rpm  
Outlet Area: 2.51 ft<sup>2</sup>



Inlet Sound Power Lw(dB) by Octave Band

RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1770	0.00	97	94	103	92	89	90	83	75	105
1770	1.50	97	94	103	92	89	89	82	75	105
1770	3.00	99	94	102	91	88	88	81	74	105
1770	4.50	100	94	102	91	88	87	80	74	105

Outlet Sound Power Lw(dB) by Octave Band

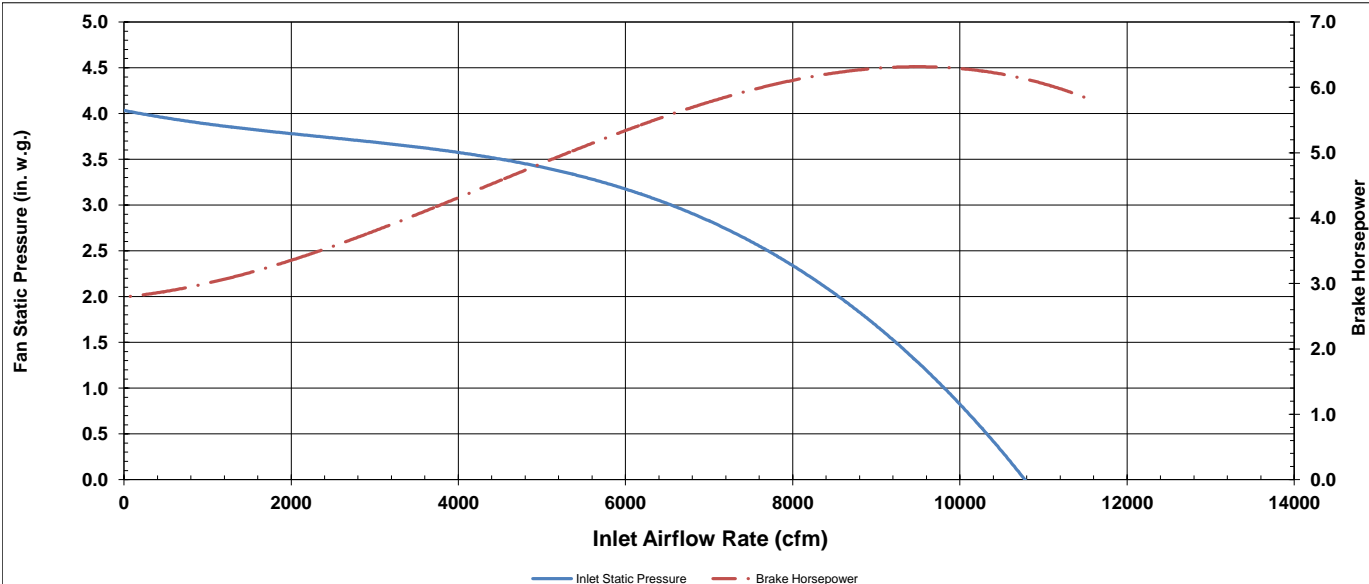
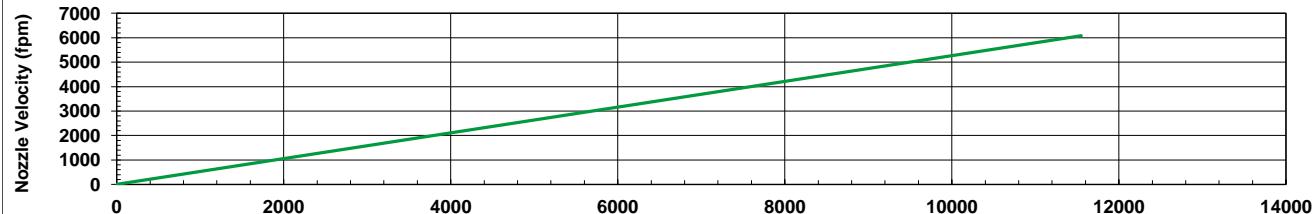
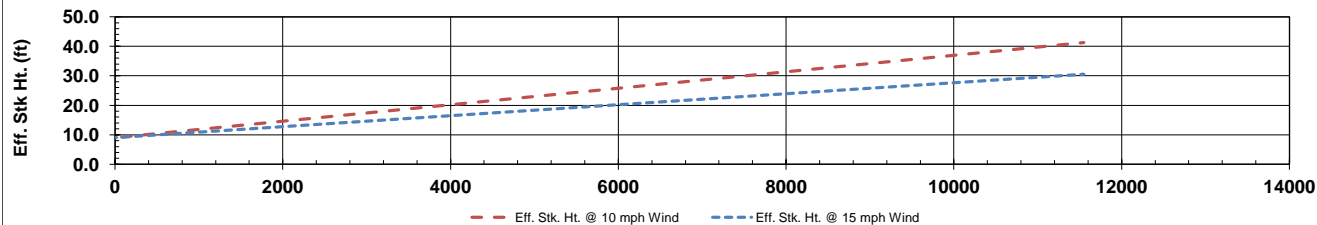
RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1770	0.00	98	102	106	94	93	92	86	77	108
1770	1.50	97	100	107	94	93	91	84	77	108
1770	3.00	95	100	105	93	92	90	83	76	107
1770	4.50	96	100	104	92	92	89	82	76	106

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of cross winds. Performance ratings do not include the effects of appurtenances (accessories). The AMCA Certified Ratings Seal does not apply to Effective Stack Height data. Values shown are for outlet Lwo sound power levels for Installation Type A: free inlet, free outlet. The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301.

**STROBIC AIR**  
Fans, Silencers & Systems  
A CECO Environmental Company

Model #: C27B119N075I6  
Density: 0.075 lbs./cu. ft.

Speed: 1185 rpm  
Outlet Area: 1.90 ft<sup>2</sup>



Inlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1185	0.00	92	92	93	86	84	80	72	66	98
1185	1.00	91	93	94	85	84	80	72	66	98
1185	2.00	90	91	93	85	84	80	73	67	97
1185	3.00	92	90	91	83	83	79	72	66	96

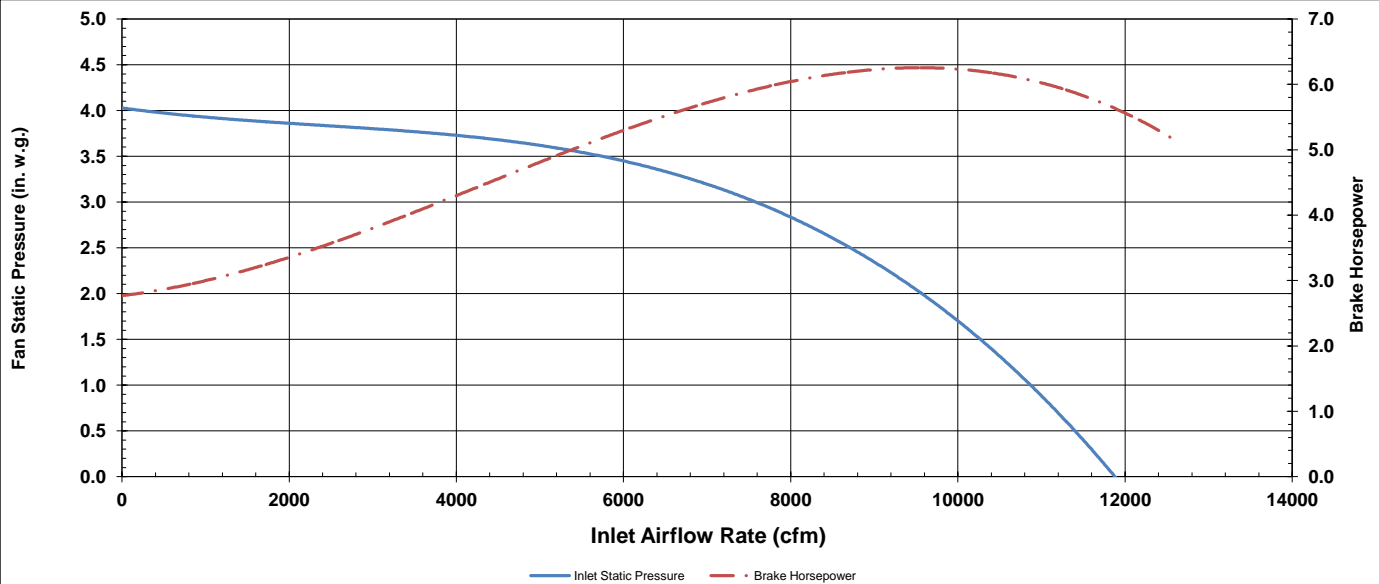
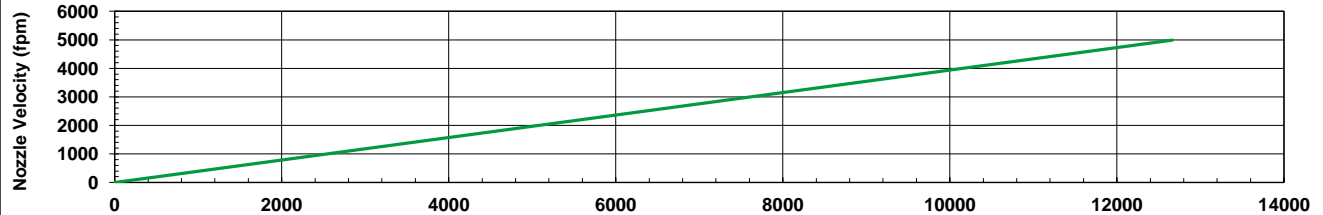
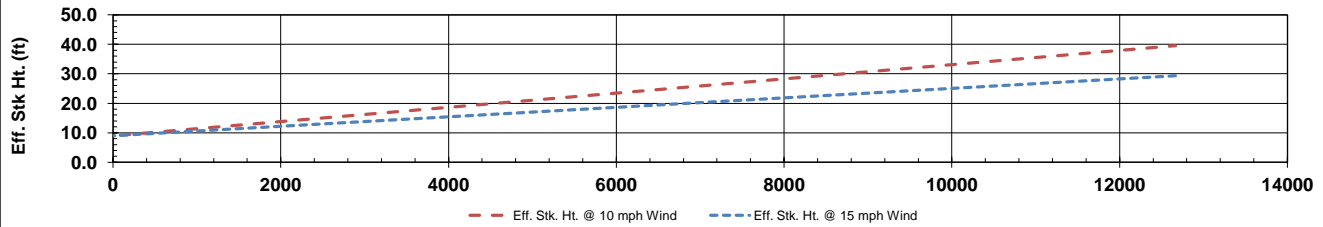
Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1185	0.00	91	94	93	87	85	81	72	67	98
1185	1.00	90	95	95	89	86	81	73	67	99
1185	2.00	88	93	93	87	85	80	73	66	97
1185	3.00	87	92	90	85	83	79	72	66	96

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of cross winds. Performance ratings do not include the effects of appurtenances (accessories). The AMCA Certified Ratings Seal does not apply to Effective Stack Height data. Values shown are for outlet Lwo sound power levels for Installation Type A: free inlet, free outlet. The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301.

**STROBIC AIR**  
Fans, Silencers & Systems  
A CECO Environmental Company

Model #: C27B125N075I6  
Density: 0.075 lbs./cu. ft.

Speed: 1185 rpm  
Outlet Area: 2.54 ft<sup>2</sup>



Inlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1185	0.00	97	95	95	87	85	82	74	68	101
1185	1.00	95	91	92	86	83	80	72	66	98
1185	2.00	94	93	94	85	83	80	72	66	99
1185	3.00	93	91	93	84	83	79	73	66	98

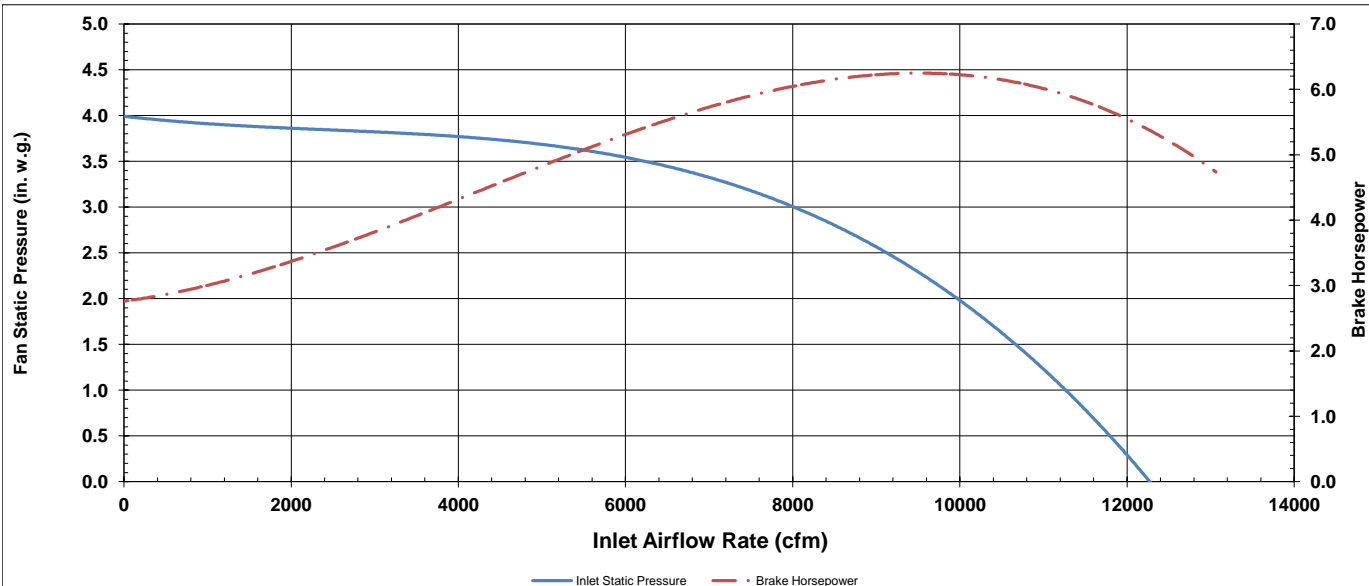
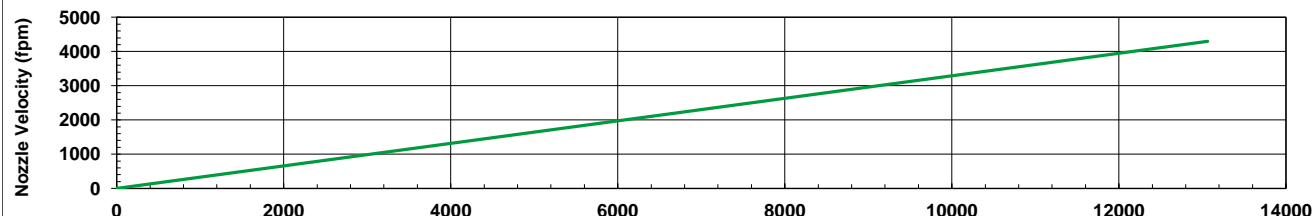
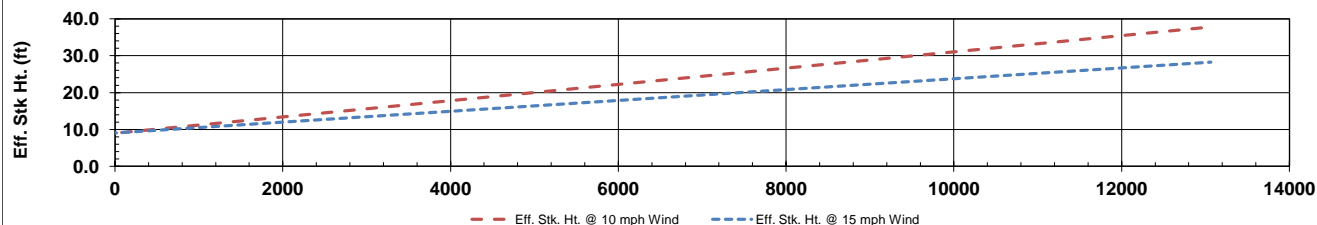
Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1185	0.00	94	96	95	89	87	83	75	68	100
1185	1.00	93	97	97	89	87	82	74	67	101
1185	2.00	91	94	93	88	86	81	73	67	98
1185	3.00	89	92	91	86	85	80	73	67	96

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of cross winds. Performance ratings do not include the effects of appurtenances (accessories). The AMCA Certified Ratings Seal does not apply to Effective Stack Height data. Values shown are for outlet Lwo sound power levels for Installation Type A: free inlet, free outlet. The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301.

**STROBIC AIR**  
Fans, Silencers & Systems  
A CECO Environmental Company

Model #: C27BI30N075I6  
Density: 0.075 lbs./cu. ft.

Speed: 1185 rpm  
Outlet Area: 3.04 ft<sup>2</sup>



Inlet Sound Power Lw(dB) by Octave Band

RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1185	0.00	97	93	94	87	85	83	74	68	100
1185	1.00	97	91	93	86	84	80	72	66	99
1185	2.00	97	93	94	85	83	79	72	66	100
1185	3.00	94	91	93	84	83	79	72	66	98

Outlet Sound Power Lw(dB) by Octave Band

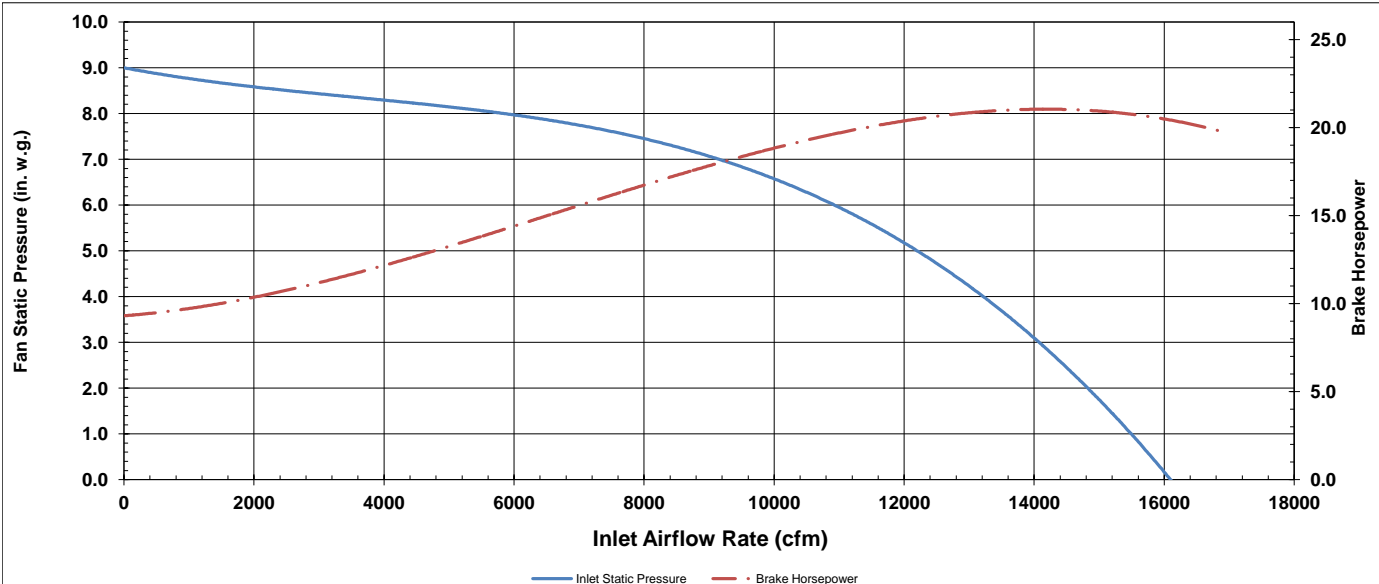
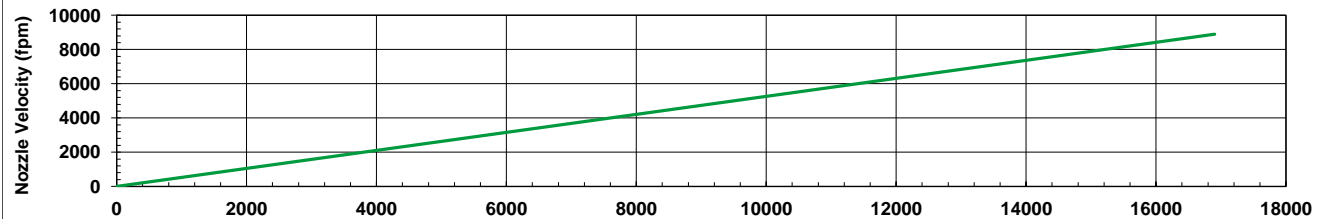
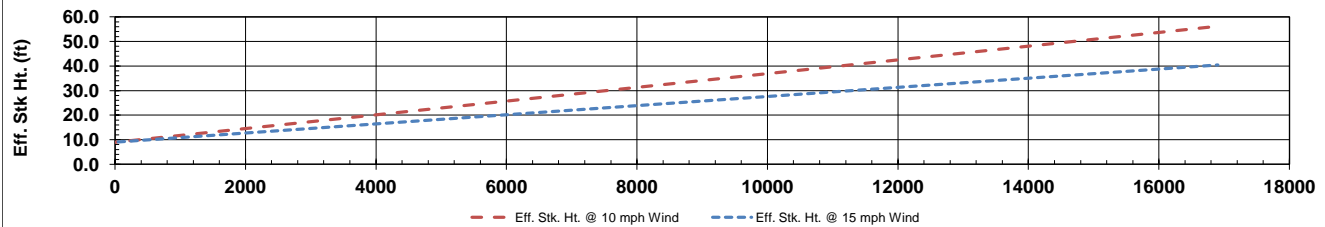
RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1185	0.00	94	96	96	90	88	85	76	69	101
1185	1.00	93	97	97	90	88	83	74	68	101
1185	2.00	92	95	94	89	87	82	73	67	99
1185	3.00	90	93	93	88	86	81	74	68	98

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of cross winds. Performance ratings do not include the effects of appurtenances (accessories). The AMCA Certified Ratings Seal does not apply to Effective Stack Height data. Values shown are for outlet Lwo sound power levels for Installation Type A: free inlet, free outlet. The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301.

**STROBIC AIR**  
Fans, Silencers & Systems  
A CECO Environmental Company

Model #: C27B119N250I4  
Density: 0.075 lbs./cu. ft.

Speed: 1770 rpm  
Outlet Area: 1.90 ft<sup>2</sup>



Inlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1770	0.00	98	100	101	98	93	91	85	78	106
1770	1.00	98	100	102	98	93	91	85	78	106
1770	2.00	98	100	102	98	93	91	85	78	106
1770	3.00	97	100	102	98	93	91	85	78	106

Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1770	0.00	97	103	106	99	94	92	85	78	109
1770	1.00	97	103	107	100	95	92	86	78	109
1770	2.00	97	103	107	101	96	92	86	79	110
1770	3.00	96	102	107	100	95	92	86	79	109

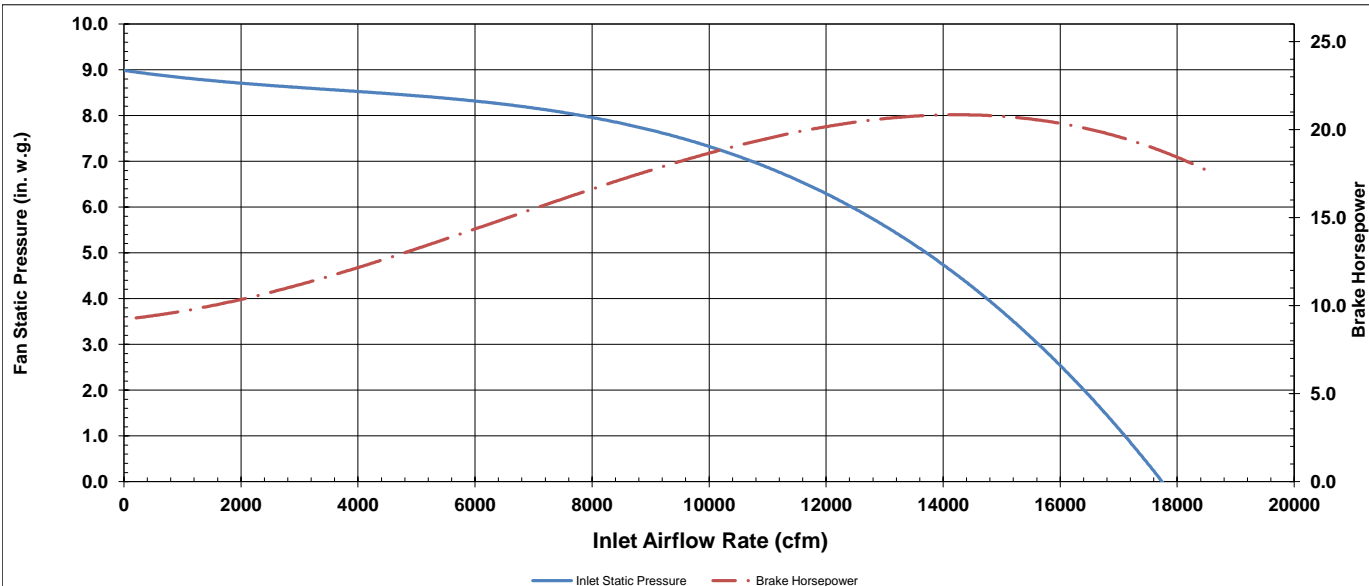
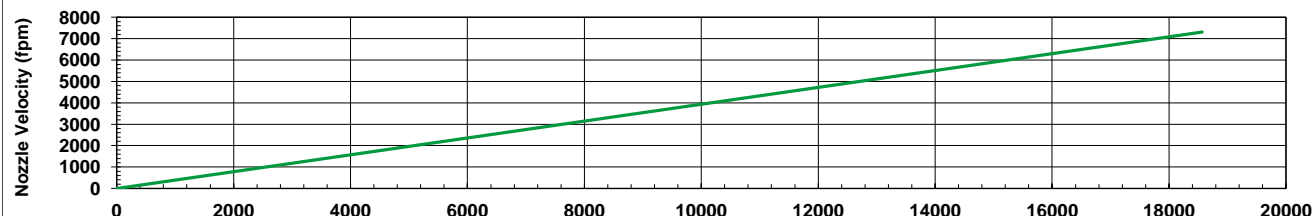
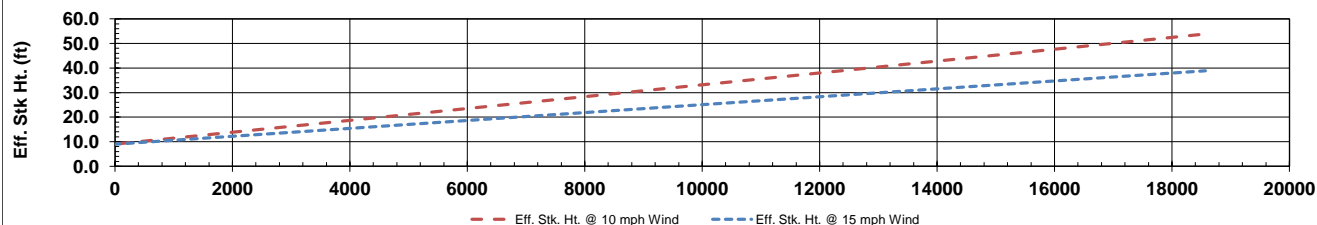
Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of cross winds. Performance ratings do not include the effects of appurtenances (accessories). The AMCA Certified Ratings Seal does not apply to Effective Stack Height data. Values shown are for outlet Lwo sound power levels for Installation Type A: free inlet, free outlet. The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301.

**STROBIC AIR**  
Fans, Silencers & Systems  
A CECO Environmental Company



Model #: C27B125N250I4  
Density: 0.075 lbs./cu. ft.

Speed: 1770 rpm  
Outlet Area: 2.54 ft<sup>2</sup>



Inlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1770	0.00	103	104	104	100	94	92	87	80	109
1770	1.00	103	103	103	99	94	91	86	79	109
1770	2.00	102	102	101	98	93	90	85	78	107
1770	3.00	101	102	101	98	93	90	85	78	107

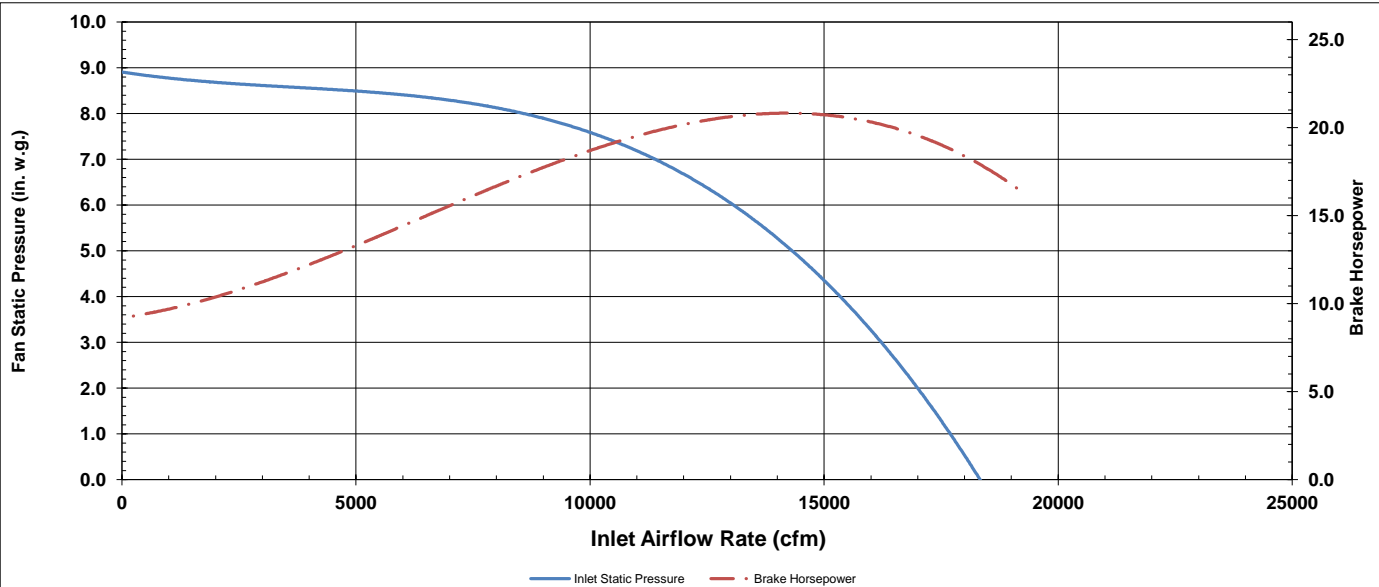
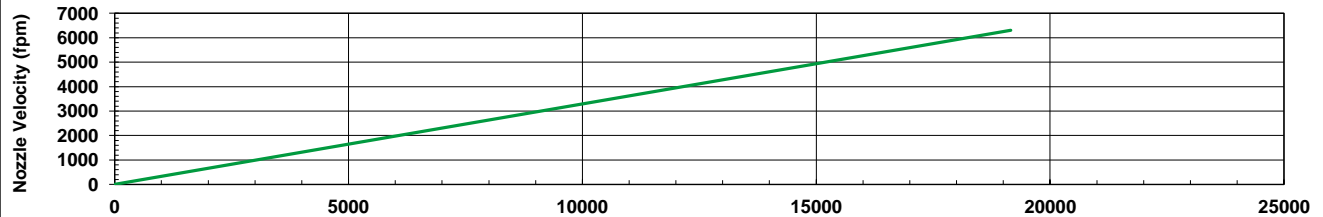
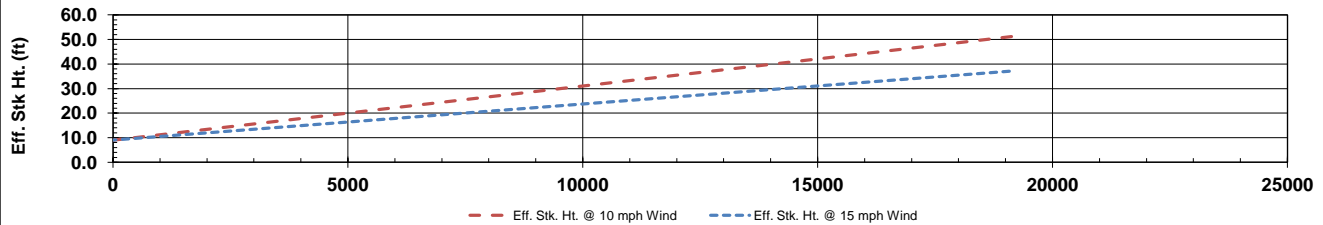
Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1770	0.00	100	106	108	101	96	94	88	80	111
1770	1.00	100	106	109	102	96	93	87	80	112
1770	2.00	100	105	109	102	96	93	87	79	111
1770	3.00	99	105	108	101	96	93	86	79	111

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of cross winds. Performance ratings do not include the effects of appurtenances (accessories). The AMCA Certified Ratings Seal does not apply to Effective Stack Height data. Values shown are for outlet Lwo sound power levels for Installation Type A: free inlet, free outlet. The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301.

**STROBIC AIR**  
Fans, Silencers & Systems  
A CECO Environmental Company

Model #: C27BI30N250I4  
Density: 0.075 lbs./cu. ft.

Speed: 1770 rpm  
Outlet Area: 3.04 ft<sup>2</sup>



Inlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1770	0.00	103	104	102	99	94	92	87	80	109
1770	1.00	103	103	101	99	94	92	86	79	108
1770	2.00	103	103	101	98	93	91	85	78	108
1770	3.00	103	103	101	98	93	90	85	78	108

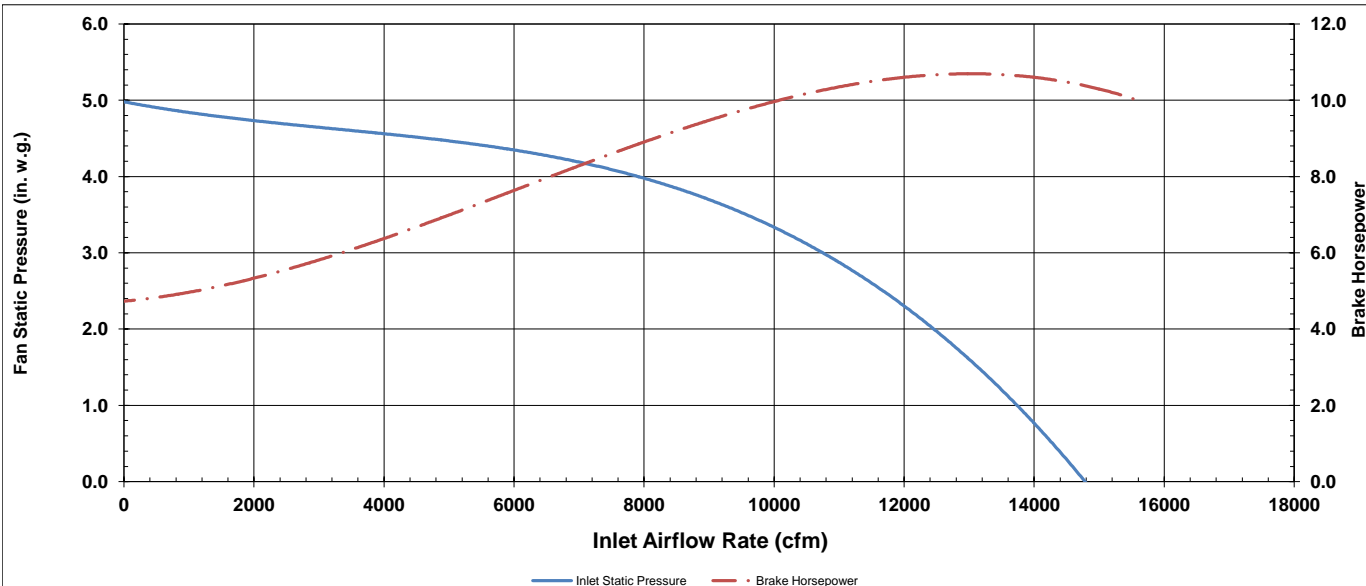
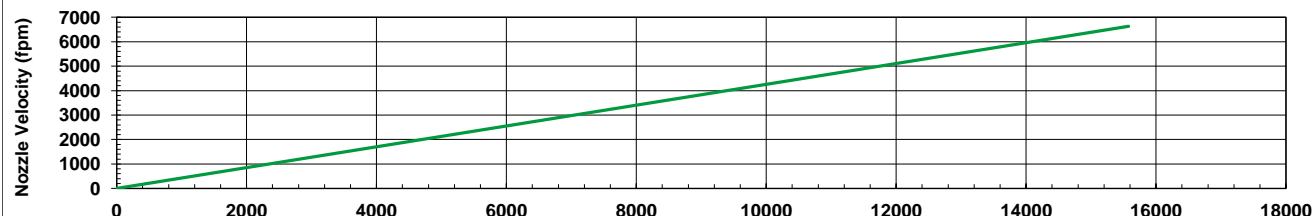
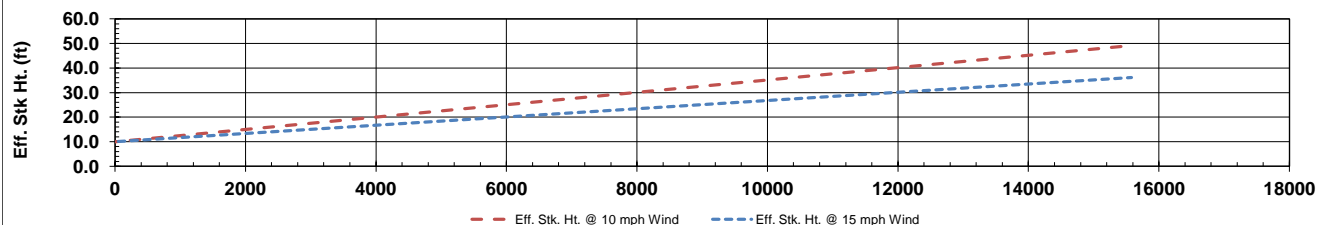
Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1770	0.00	100	106	108	102	97	95	89	81	111
1770	1.00	100	106	109	102	97	95	89	81	112
1770	2.00	100	105	109	103	97	94	88	80	112
1770	3.00	99	105	109	102	97	94	87	79	111

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of cross winds. Performance ratings do not include the effects of appurtenances (accessories). The AMCA Certified Ratings Seal does not apply to Effective Stack Height data.  
Values shown are for outlet Lwo sound power levels for Installation Type A: free inlet, free outlet. The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301.

**STROBIC AIR**  
Fans, Silencers & Systems  
A CECO Environmental Company

Model #: C30BI23N150I6  
Density: 0.075 lbs./cu. ft.

Speed: 1185 rpm  
Outlet Area: 2.35 ft<sup>2</sup>



Inlet Sound Power Lw(dB) by Octave Band

RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1185	0.00	95	95	96	89	87	83	75	69	101
1185	1.00	94	96	97	88	87	83	75	69	101
1185	2.00	93	94	96	88	87	83	75	69	100
1185	3.00	94	93	95	87	86	82	75	69	99

Outlet Sound Power Lw(dB) by Octave Band

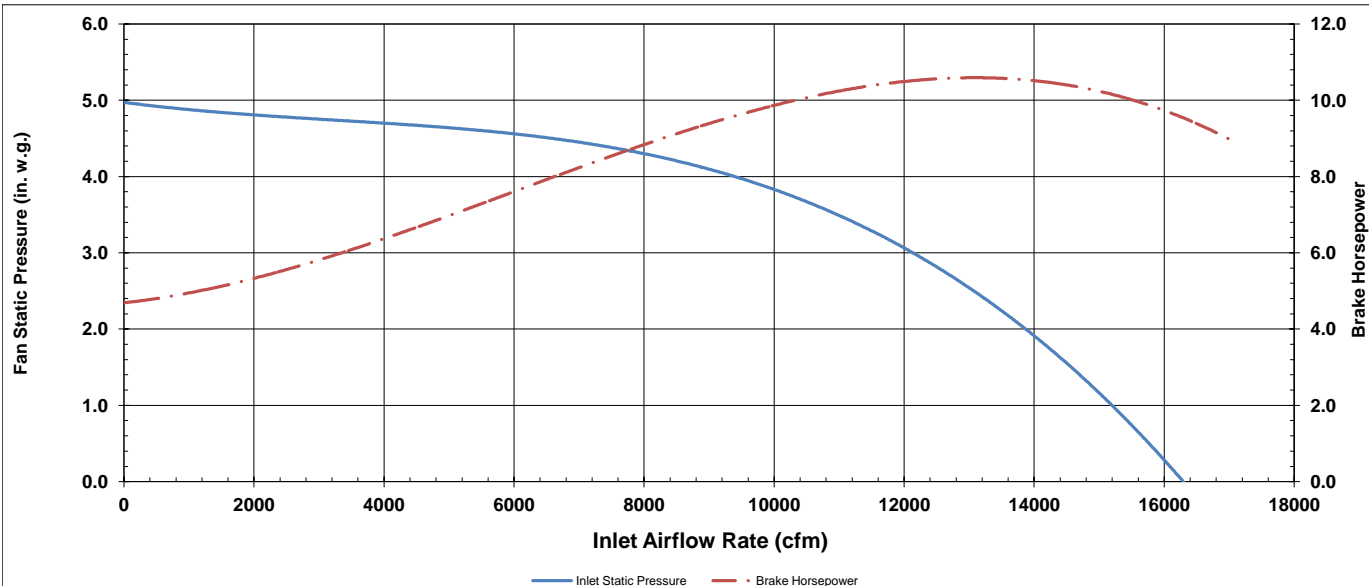
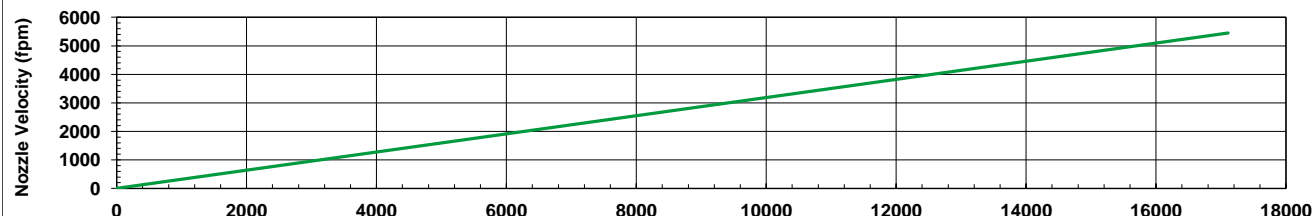
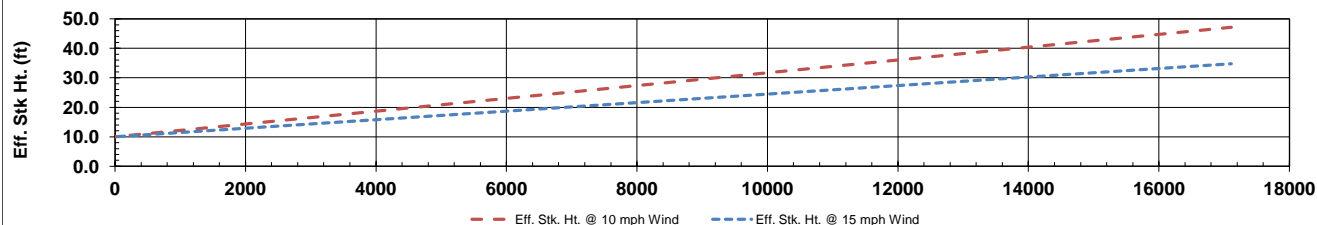
RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1185	0.00	94	97	96	90	88	84	75	70	101
1185	1.00	94	98	98	91	89	84	76	70	102
1185	2.00	92	97	97	91	88	83	76	69	101
1185	3.00	91	96	95	89	87	82	75	69	100

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of cross winds. Performance ratings do not include the effects of appurtenances (accessories). The AMCA Certified Ratings Seal does not apply to Effective Stack Height data. Values shown are for outlet Lwo sound power levels for Installation Type A: free inlet, free outlet. The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301.

**STROBIC AIR**  
Fans, Silencers & Systems  
A CECO Environmental Company

Model #: C30BI31N150I6  
Density: 0.075 lbs./cu. ft.

Speed: 1185 rpm  
Outlet Area: 3.14 ft<sup>2</sup>



Inlet Sound Power Lw(dB) by Octave Band

RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1185	0.00	100	98	98	90	88	85	77	71	104
1185	1.00	98	94	95	89	86	83	75	69	101
1185	2.00	97	95	96	88	86	83	75	69	101
1185	3.00	96	95	96	87	86	82	75	69	101

Outlet Sound Power Lw(dB) by Octave Band

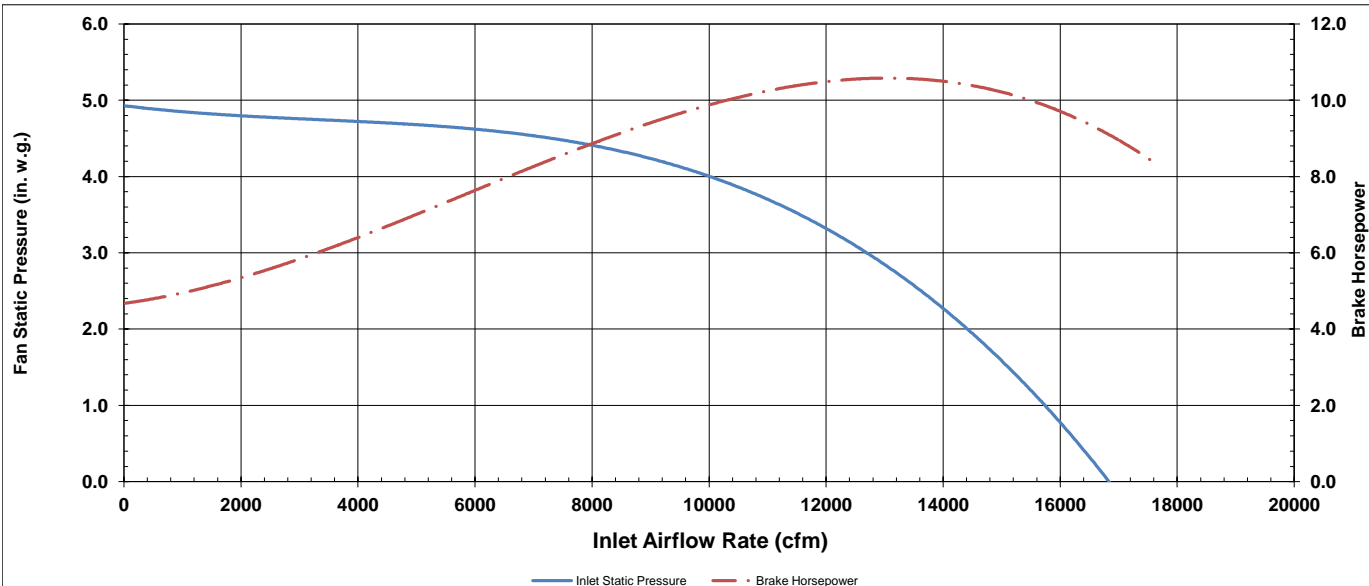
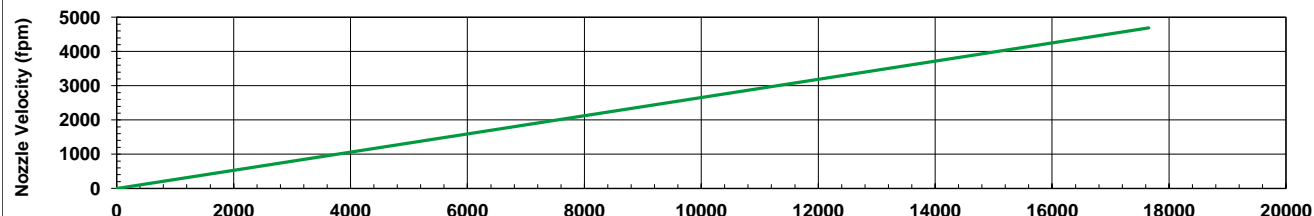
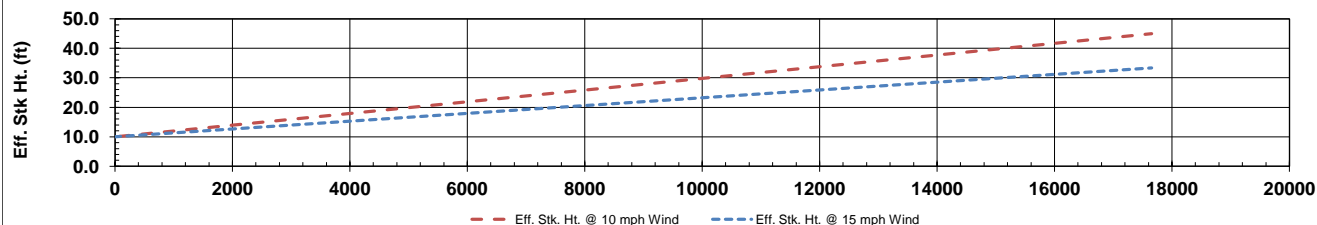
RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1185	0.00	97	99	98	92	90	86	78	71	103
1185	1.00	97	100	100	92	90	85	77	70	104
1185	2.00	95	98	97	91	89	84	76	70	102
1185	3.00	94	96	95	90	88	83	76	70	101

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of cross winds. Performance ratings do not include the effects of appurtenances (accessories). The AMCA Certified Ratings Seal does not apply to Effective Stack Height data. Values shown are for outlet Lwo sound power levels for Installation Type A: free inlet, free outlet. The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301.

**STROBIC AIR**  
Fans, Silencers & Systems  
A CECO Environmental Company

Model #: C30BI37N150I6  
Density: 0.075 lbs./cu. ft.

Speed: 1185 rpm  
Outlet Area: 3.76 ft<sup>2</sup>



Inlet Sound Power Lw(dB) by Octave Band

RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1185	0.00	100	96	97	90	88	86	77	71	103
1185	1.00	100	94	96	89	87	83	75	69	102
1185	2.00	100	95	96	88	86	82	75	69	103
1185	3.00	98	95	96	87	86	82	75	69	102

Outlet Sound Power Lw(dB) by Octave Band

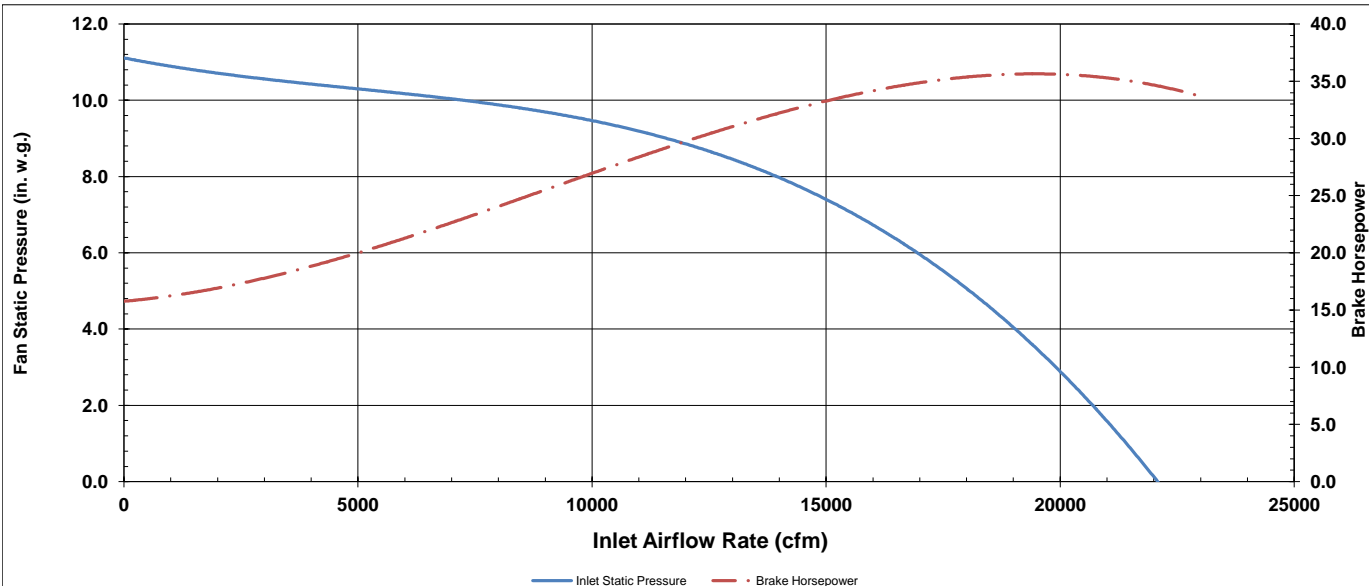
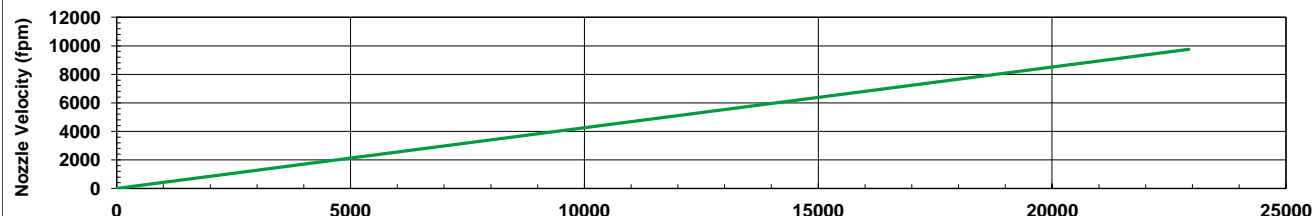
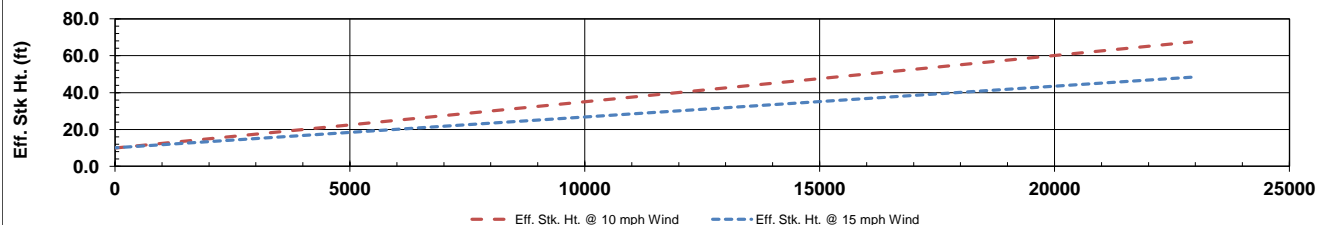
RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1185	0.00	97	99	99	93	91	88	79	72	104
1185	1.00	97	100	100	93	91	86	77	71	105
1185	2.00	96	99	98	92	90	85	76	70	103
1185	3.00	95	97	97	91	89	84	76	70	102

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of cross winds. Performance ratings do not include the effects of appurtenances (accessories). The AMCA Certified Ratings Seal does not apply to Effective Stack Height data.  
Values shown are for outlet Lwo sound power levels for Installation Type A: free inlet, free outlet. The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301.

**STROBIC AIR**  
Fans, Silencers & Systems  
A CECO Environmental Company

Model #: C30BI23N400I4  
Density: 0.075 lbs./cu. ft.

Speed: 1770 rpm  
Outlet Area: 2.35 ft<sup>2</sup>



Inlet Sound Power Lw(dB) by Octave Band

RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1770	0.00	102	103	105	102	97	94	88	81	110
1770	1.00	101	103	105	102	96	94	88	81	109
1770	2.00	101	103	105	102	96	94	88	81	109
1770	3.00	101	103	105	102	96	94	88	81	109

Outlet Sound Power Lw(dB) by Octave Band

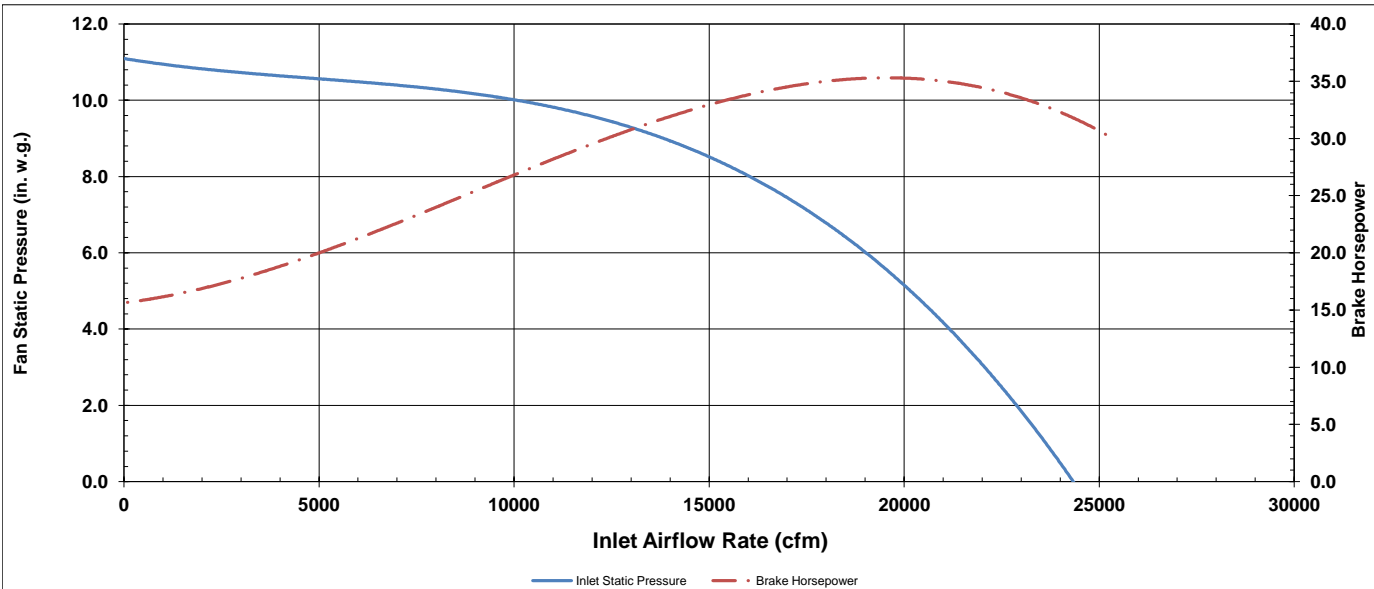
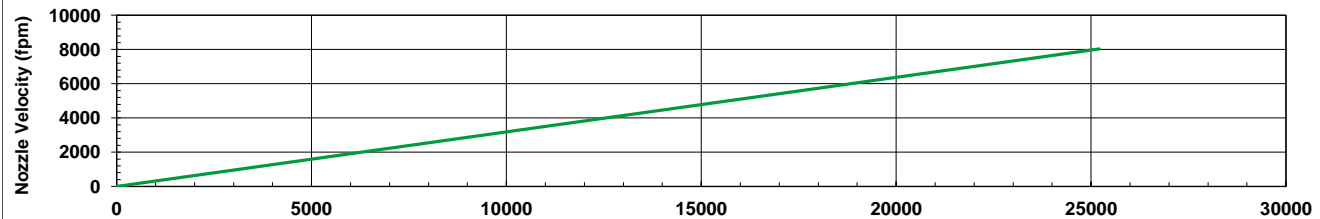
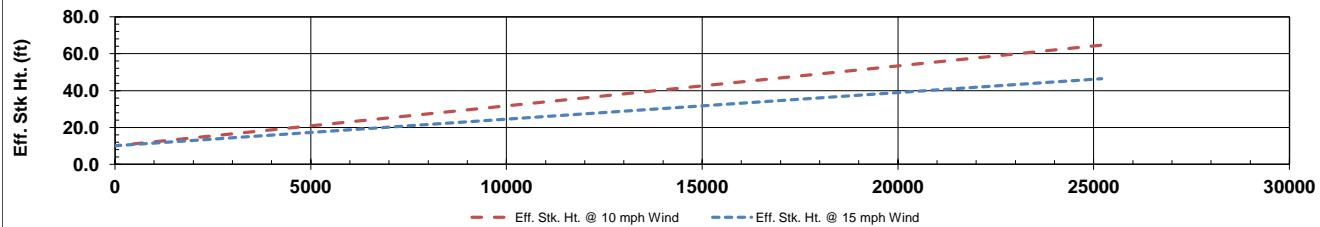
RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1770	0.00	101	107	110	102	98	95	89	81	113
1770	1.00	101	107	110	103	98	95	89	82	113
1770	2.00	101	107	110	104	99	95	89	82	113
1770	3.00	100	106	110	104	99	95	89	82	113

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of cross winds. Performance ratings do not include the effects of appurtenances (accessories). The AMCA Certified Ratings Seal does not apply to Effective Stack Height data.  
Values shown are for outlet Lwo sound power levels for Installation Type A: free inlet, free outlet. The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301.

**STROBIC AIR**  
Fans, Silencers & Systems  
A CECO Environmental Company

Model #: C30BI31N400I4  
Density: 0.075 lbs./cu. ft.

Speed: 1770 rpm  
Outlet Area: 3.14 ft<sup>2</sup>



Inlet Sound Power Lw(dB) by Octave Band

RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1770	0.00	107	108	108	103	98	95	90	83	113
1770	1.00	106	107	106	102	97	94	89	82	112
1770	2.00	105	106	105	102	96	94	89	81	111
1770	3.00	105	105	104	101	96	93	88	81	110

Outlet Sound Power Lw(dB) by Octave Band

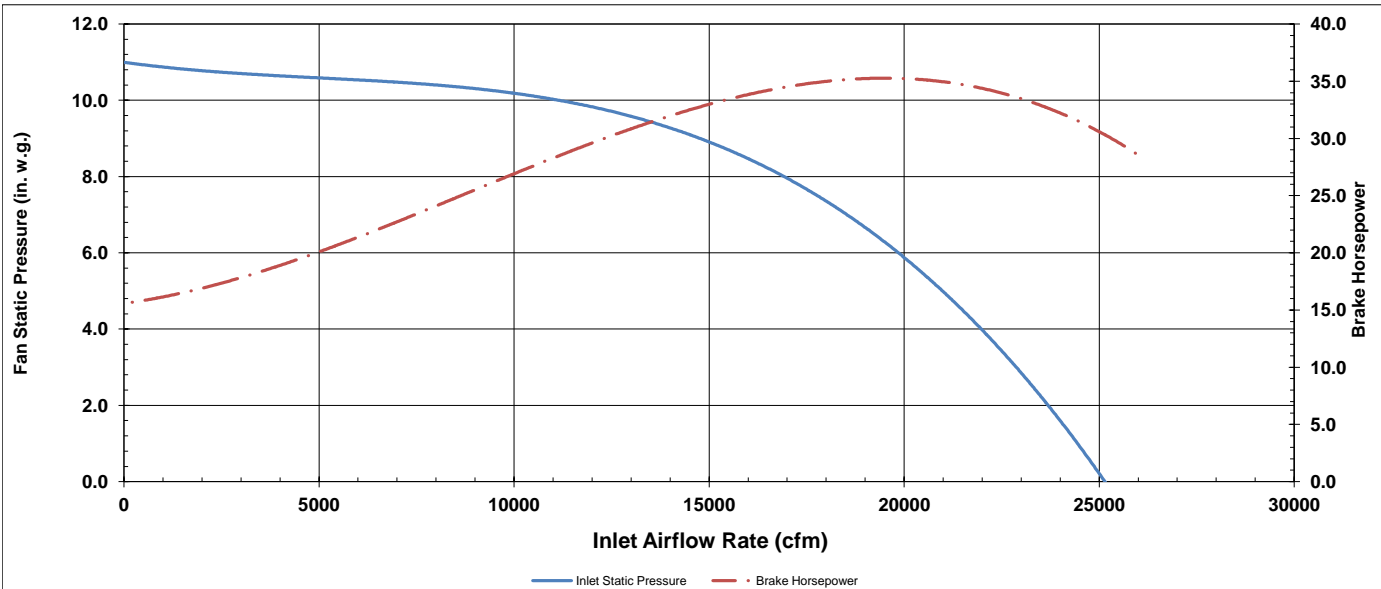
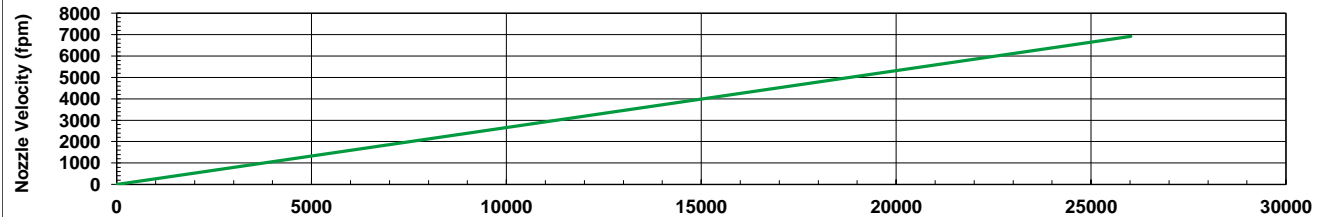
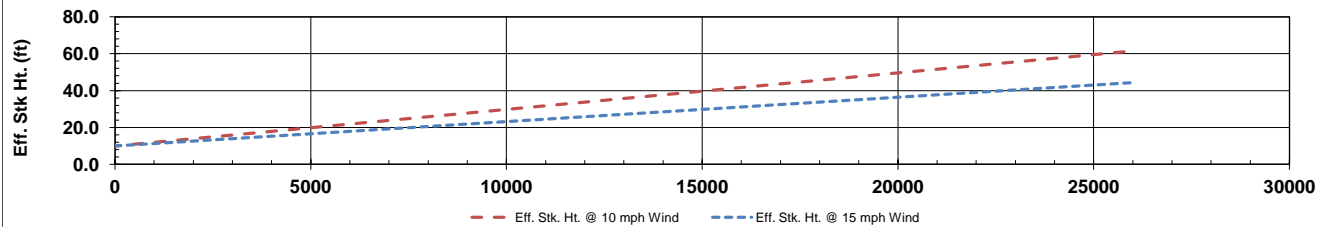
RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1770	0.00	104	109	112	104	100	97	91	83	115
1770	1.00	104	109	112	105	100	97	91	83	115
1770	2.00	104	109	112	105	100	96	90	83	115
1770	3.00	103	109	112	105	99	96	90	82	115

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of cross winds. Performance ratings do not include the effects of appurtenances (accessories). The AMCA Certified Ratings Seal does not apply to Effective Stack Height data. Values shown are for outlet Lwo sound power levels for Installation Type A: free inlet, free outlet. The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301.

**STROBIC AIR**  
Fans, Silencers & Systems  
A CECO Environmental Company

Model #: C30BI37N400I4  
Density: 0.075 lbs./cu. ft.

Speed: 1770 rpm  
Outlet Area: 3.76 ft<sup>2</sup>



Inlet Sound Power Lw(dB) by Octave Band

RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1770	0.00	107	107	106	103	98	96	91	83	112
1770	1.00	107	106	105	102	97	95	90	82	112
1770	2.00	107	106	104	102	97	94	89	81	111
1770	3.00	107	106	104	102	96	94	88	81	111

Outlet Sound Power Lw(dB) by Octave Band

RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1770	0.00	104	109	112	105	101	98	93	84	115
1770	1.00	104	109	112	106	101	98	92	84	115
1770	2.00	104	109	112	106	101	98	91	83	115
1770	3.00	103	109	112	106	100	97	91	83	115

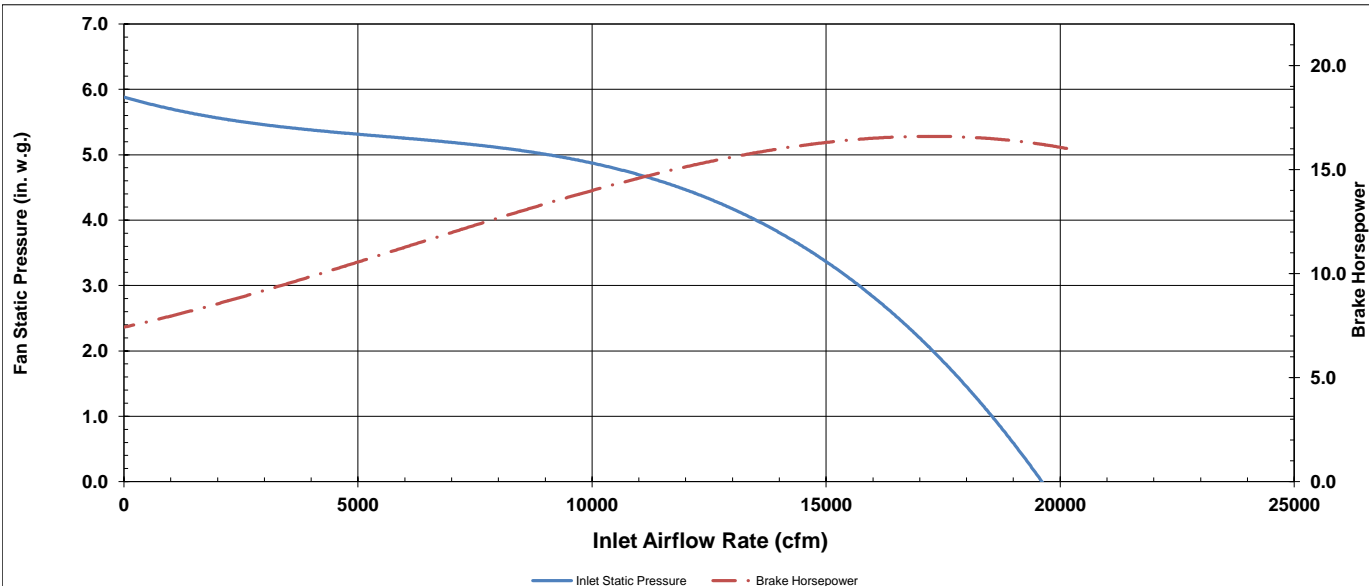
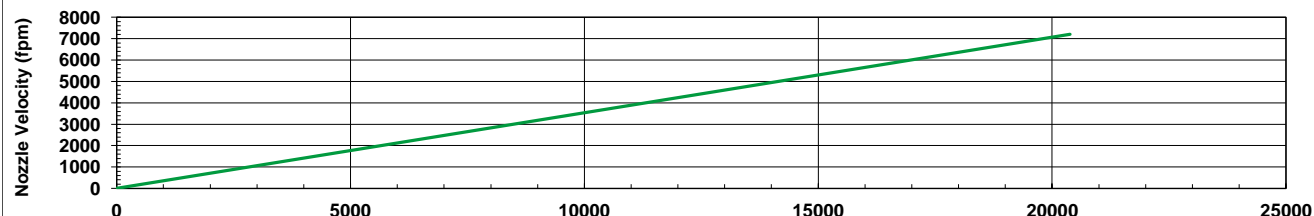
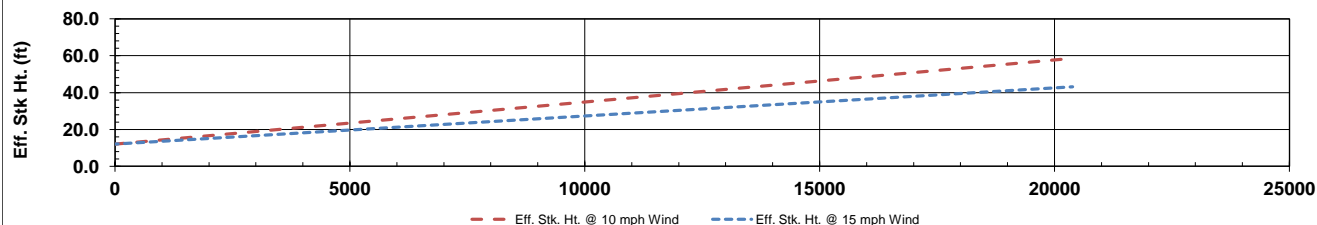
Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of cross winds. Performance ratings do not include the effects of appurtenances (accessories). The AMCA Certified Ratings Seal does not apply to Effective Stack Height data. Values shown are for outlet Lwo sound power levels for Installation Type A: free inlet, free outlet. The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301.

**STROBIC AIR**  
Fans, Silencers & Systems  
A CECO Environmental Company



Model #: C33BI28N200I6  
Density: 0.075 lbs./cu. ft.

Speed: 1185 rpm  
Outlet Area: 2.83 ft<sup>2</sup>



Inlet Sound Power Lw(dB) by Octave Band

RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1185	0.00	101	102	109	101	99	95	91	84	111
1185	3.00	102	100	107	99	98	95	91	84	110
1185	6.00	106	100	105	98	98	95	90	84	110
1185	9.00	100	99	105	97	97	94	89	83	108

Outlet Sound Power Lw(dB) by Octave Band

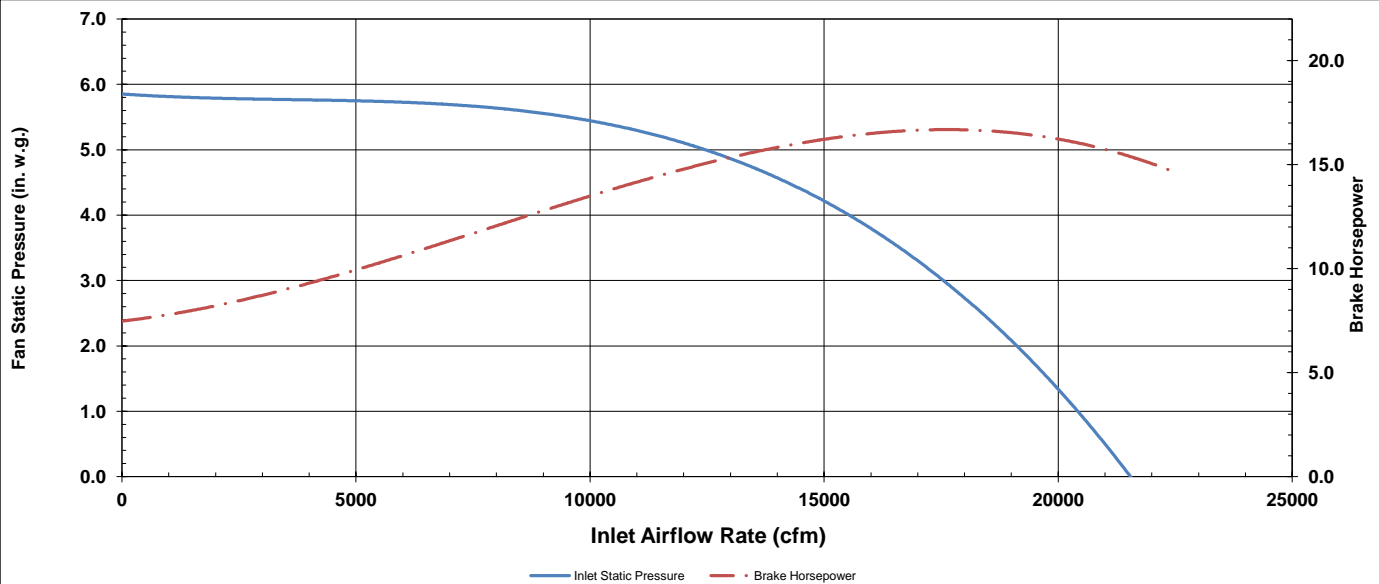
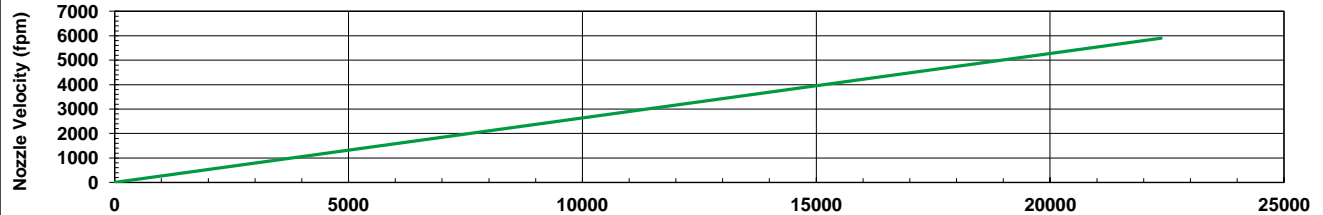
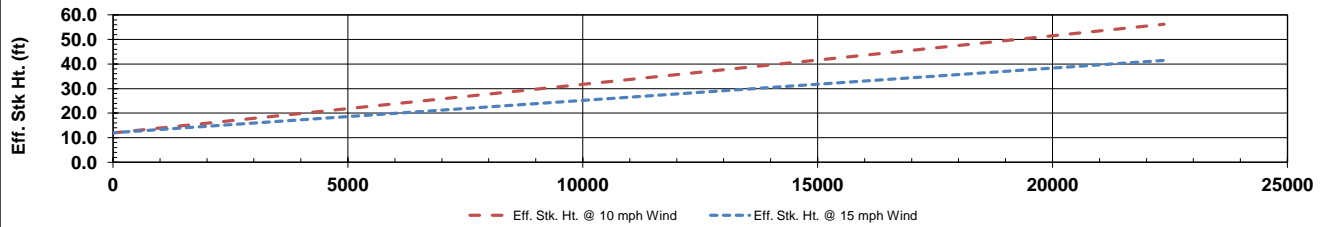
RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1185	0.25	109	104	112	104	103	97	93	86	115
1185	3.00	108	103	112	104	103	98	93	86	115
1185	6.00	106	101	112	103	102	97	92	86	114
1185	9.00	105	101	111	101	100	96	91	84	113

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of cross winds. Performance ratings do not include the effects of appurtenances (accessories). The AMCA Certified Ratings Seal does not apply to Effective Stack Height data.  
Values shown are for outlet Lwo sound power levels for Installation Type A: free inlet, free outlet. The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301.

**STROBIC AIR**  
Fans, Silencers & Systems  
A CECO Environmental Company

Model #: C33BI37N200I6  
Density: 0.075 lbs./cu. ft.

Speed: 1185 rpm  
Outlet Area: 3.79 ft<sup>2</sup>



Inlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1185	0.00	103	102	110	102	100	96	92	85	112
1185	3.00	101	101	109	101	98	95	90	84	111
1185	6.00	102	100	107	99	98	94	89	84	110
1185	9.00	101	99	105	98	98	95	90	84	108

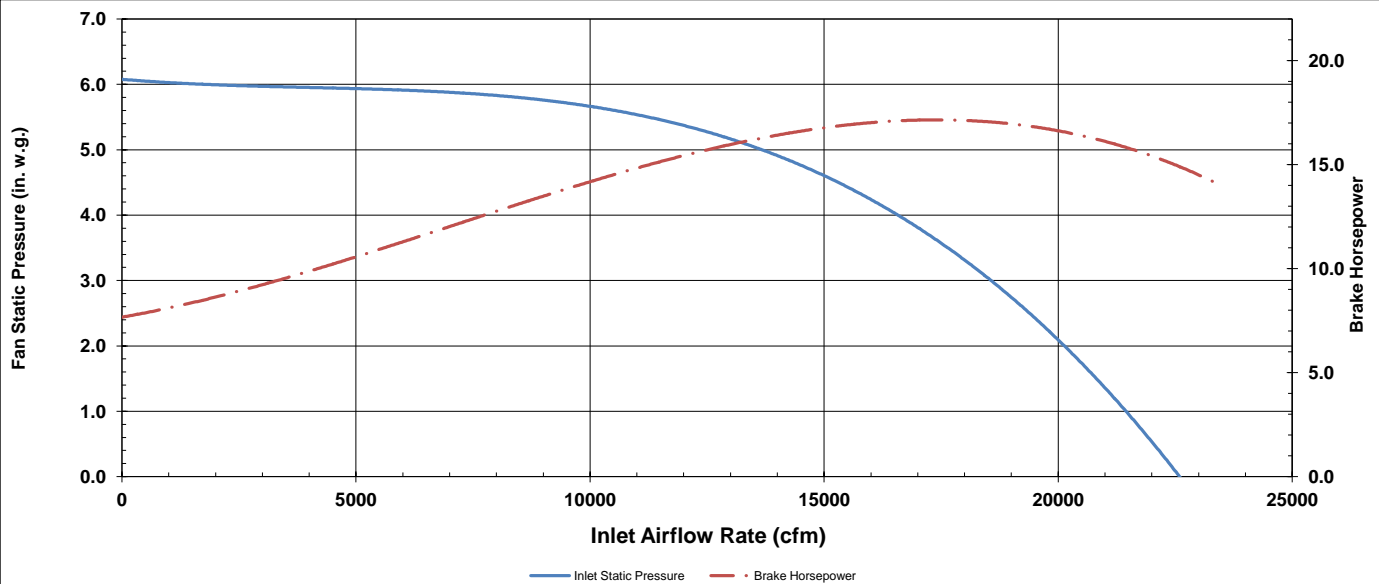
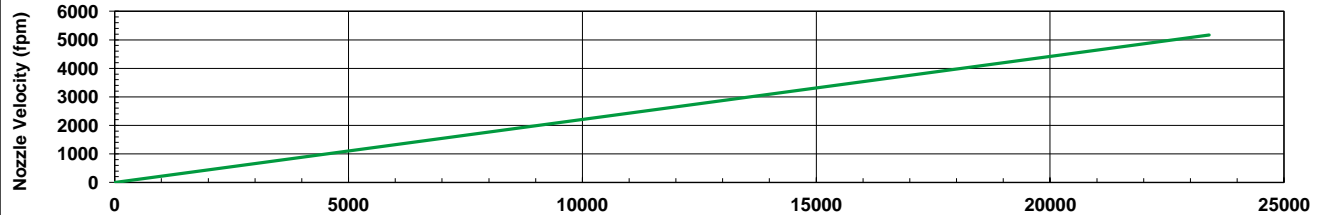
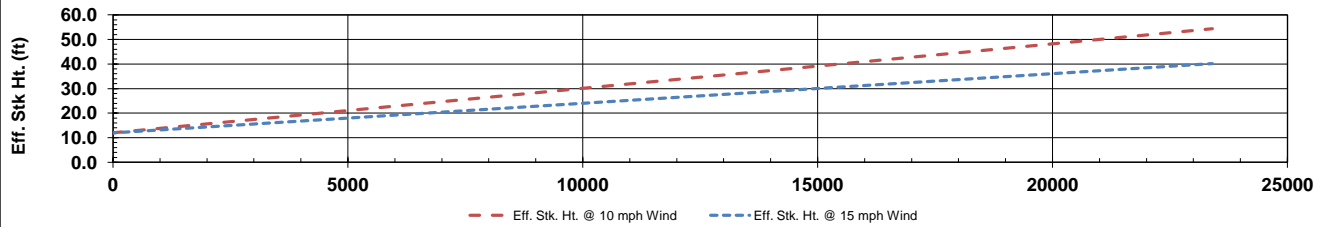
Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1185	0.25	109	106	112	106	105	99	96	88	116
1185	3.00	108	103	112	105	104	99	95	87	115
1185	6.00	108	104	113	105	104	99	94	87	115
1185	9.00	105	101	109	102	101	97	92	86	112

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of cross winds. Performance ratings do not include the effects of appurtenances (accessories). The AMCA Certified Ratings Seal does not apply to Effective Stack Height data.  
Values shown are for outlet Lwo sound power levels for Installation Type A: free inlet, free outlet. The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301.

**STROBIC AIR**  
Fans, Silencers & Systems  
A CECO Environmental Company

Model #: C33B145N200I6  
Density: 0.075 lbs./cu. ft.

Speed: 1185 rpm  
Outlet Area: 4.53 ft<sup>2</sup>



Inlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1185	0.00	104	103	109	103	100	97	94	86	112
1185	3.00	101	102	109	101	99	95	91	85	111
1185	6.00	101	101	107	100	98	94	90	84	110
1185	9.00	101	99	104	98	98	95	90	85	108

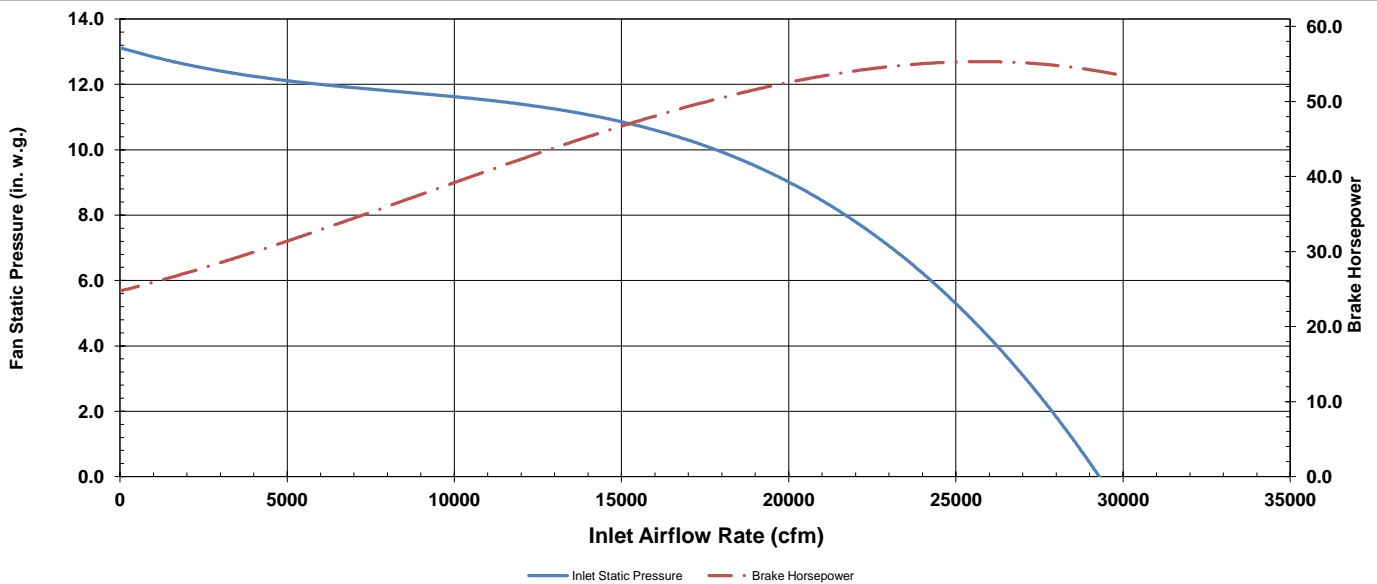
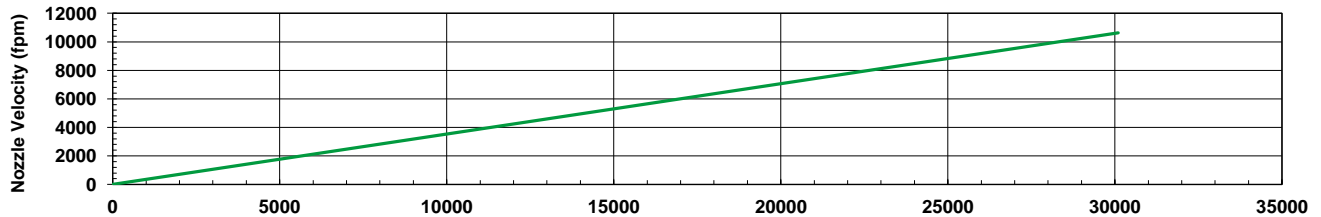
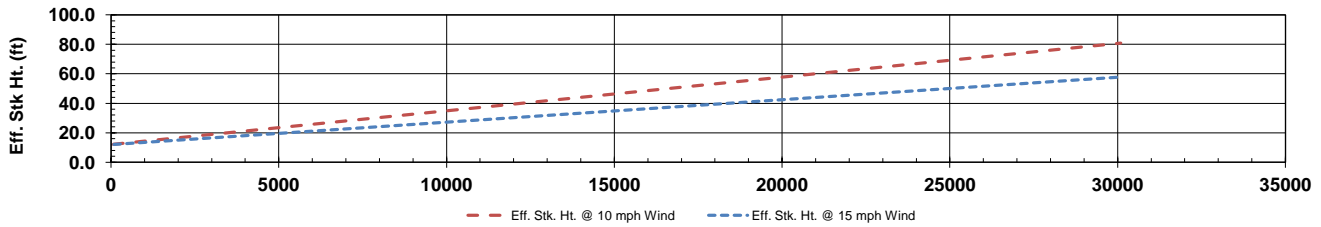
Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1185	0.25	110	105	114	107	106	100	97	90	117
1185	3.00	110	106	114	107	106	101	96	90	117
1185	6.00	109	105	114	106	104	99	94	88	116
1185	9.00	108	103	112	104	103	98	93	86	115

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of cross winds. Performance ratings do not include the effects of appurtenances (accessories). The AMCA Certified Ratings Seal does not apply to Effective Stack Height data.  
Values shown are for outlet Lwo sound power levels for Installation Type A: free inlet, free outlet. The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301.

**STROBIC AIR**  
Fans, Silencers & Systems  
A CECO Environmental Company

Model #: C33BI28N600I4  
Density: 0.075 lbs./cu. ft.

Speed: 1770 rpm  
Outlet Area: 2.83 ft<sup>2</sup>



Inlet Sound Power Lw(dB) by Octave Band

RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1770	0.00	102	103	110	102	100	96	92	85	112
1770	3.00	103	101	108	100	99	96	92	85	111
1770	6.00	107	101	106	99	99	96	91	85	111
1770	9.00	101	100	106	98	98	95	90	84	109

Outlet Sound Power Lw(dB) by Octave Band

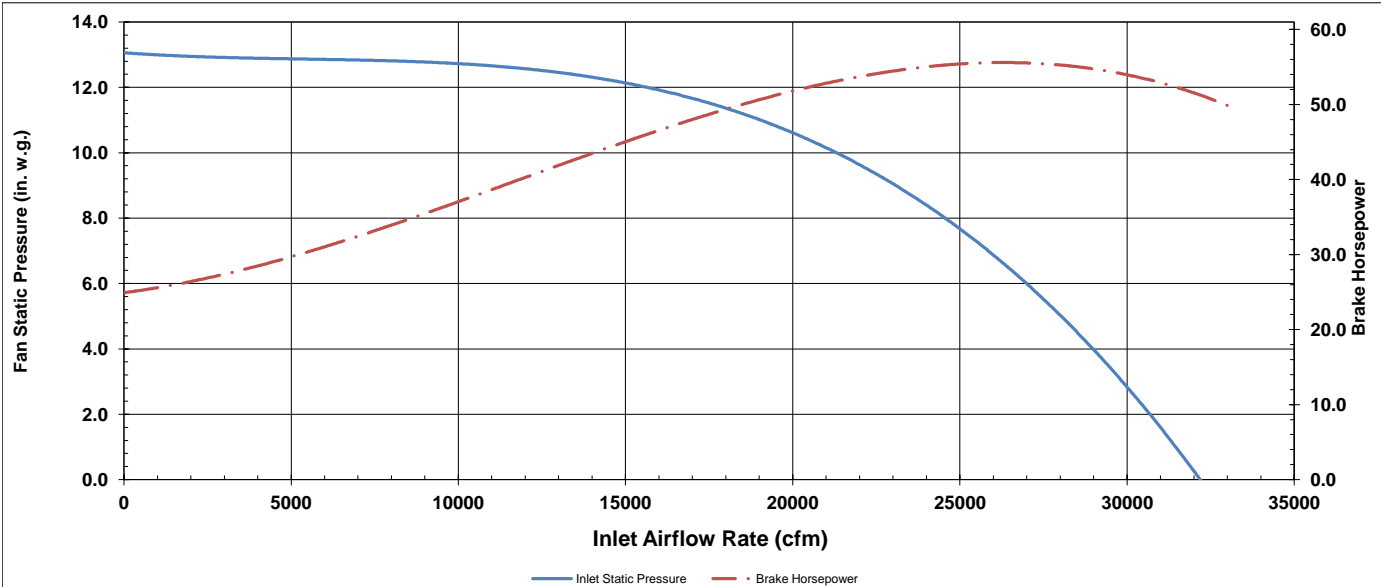
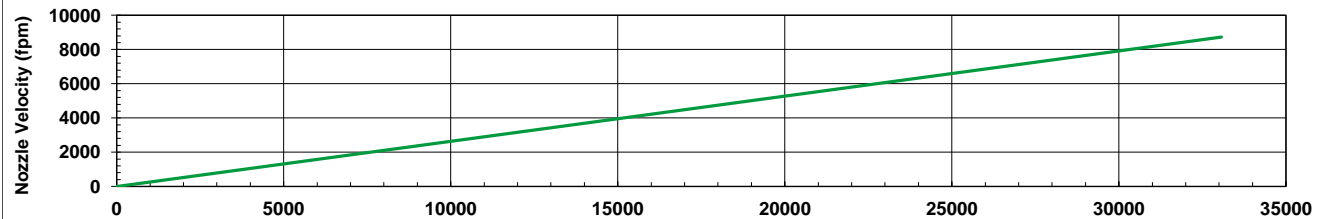
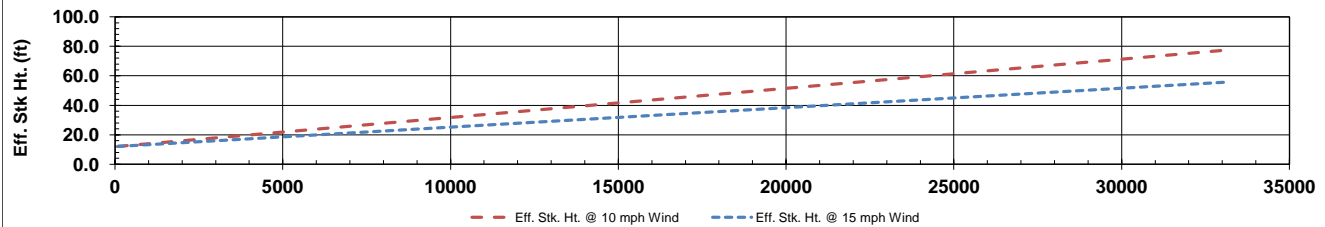
RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1770	0.25	110	105	113	105	104	98	94	87	116
1770	3.00	109	104	113	105	104	99	94	87	116
1770	6.00	107	102	113	104	103	98	93	87	115
1770	9.00	106	102	112	102	101	97	92	85	114

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of cross winds. Performance ratings do not include the effects of appurtenances (accessories). The AMCA Certified Ratings Seal does not apply to Effective Stack Height data. Values shown are for outlet Lwo sound power levels for Installation Type A: free inlet, free outlet. The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301.

**STROBIC AIR**  
Fans, Silencers & Systems  
A CECO Environmental Company

Model #: C33BI37N600I4  
Density: 0.075 lbs./cu. ft.

Speed: 1770 rpm  
Outlet Area: 3.79 ft<sup>2</sup>



Inlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1770	0.00	104	103	111	103	101	97	93	86	113
1770	3.00	102	102	110	102	99	96	91	85	112
1770	6.00	103	101	108	100	99	95	90	85	111
1770	9.00	102	100	106	99	99	96	91	85	109

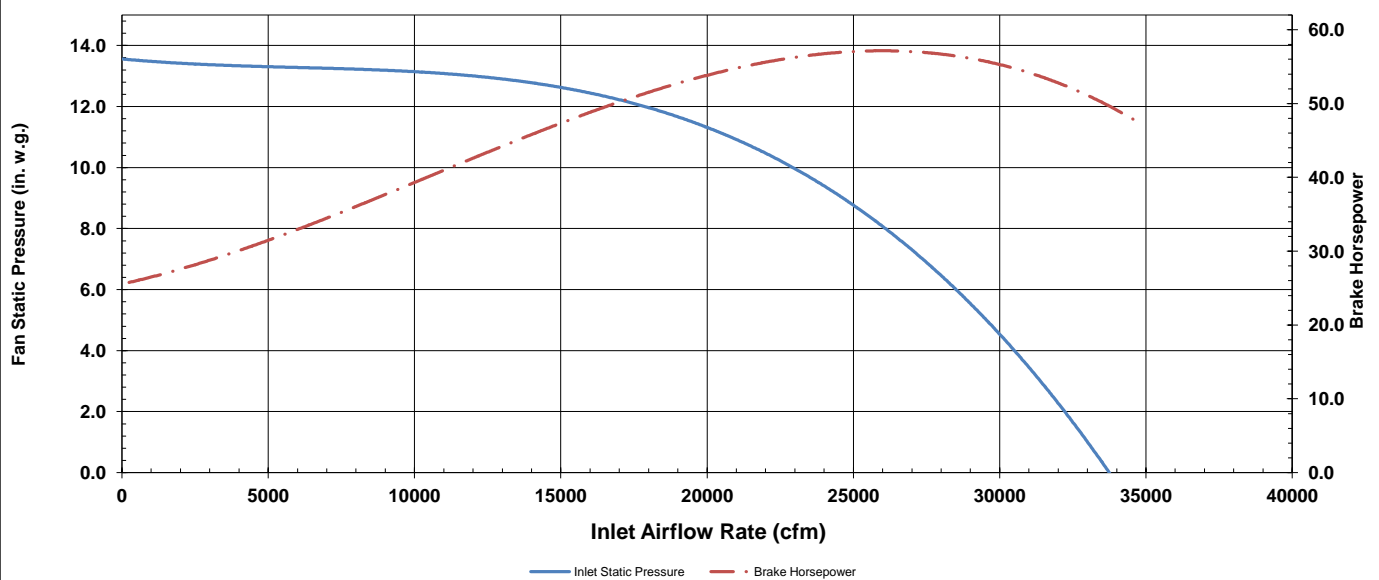
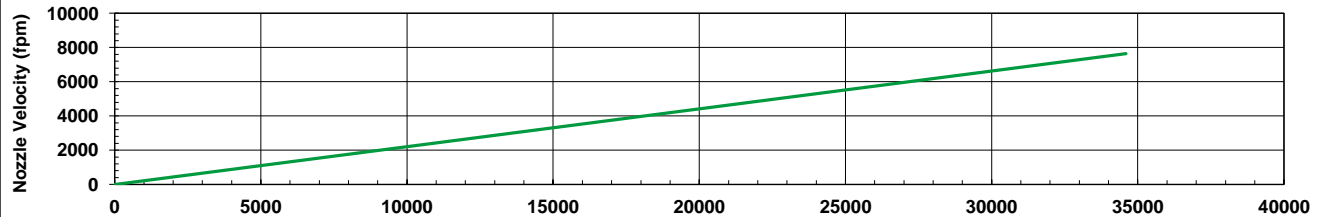
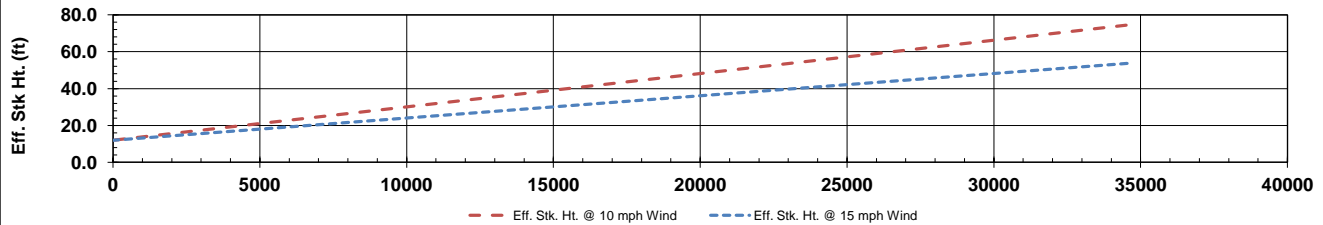
Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1770	0.25	110	107	113	107	106	100	97	89	117
1770	3.00	109	104	113	106	105	100	96	88	116
1770	6.00	109	105	114	106	105	100	95	88	116
1770	9.00	106	102	110	103	102	98	93	87	113

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of cross winds. Performance ratings do not include the effects of appurtenances (accessories). The AMCA Certified Ratings Seal does not apply to Effective Stack Height data. Values shown are for outlet Lwo sound power levels for Installation Type A: free inlet, free outlet. The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301.

**STROBIC AIR**  
Fans, Silencers & Systems  
A CECO Environmental Company

Model #: C33B145N600I4  
Density: 0.075 lbs./cu. ft.

Speed: 1770 rpm  
Outlet Area: 4.53 ft<sup>2</sup>



Inlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1770	0.00	105	104	110	104	101	98	95	87	113
1770	3.00	102	103	110	102	100	96	92	86	112
1770	6.00	102	102	108	101	99	95	91	85	111
1770	9.00	102	100	105	99	99	96	91	86	109

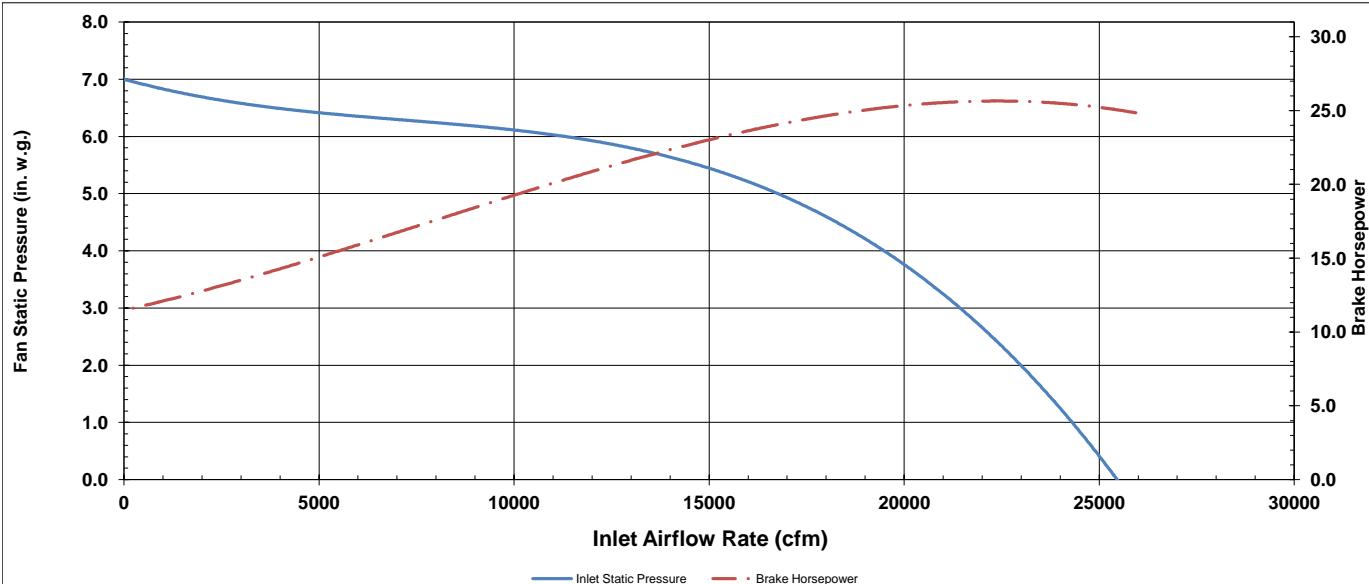
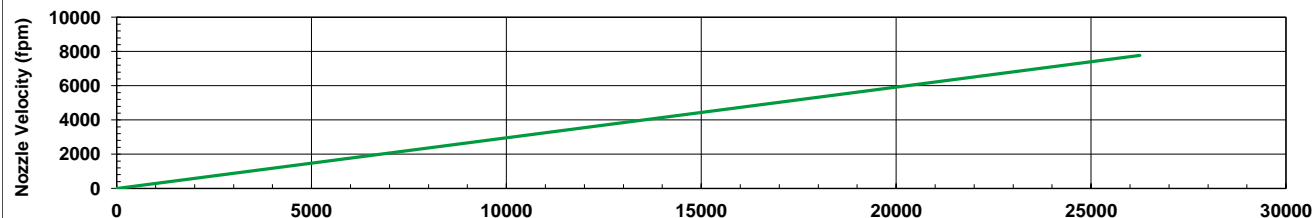
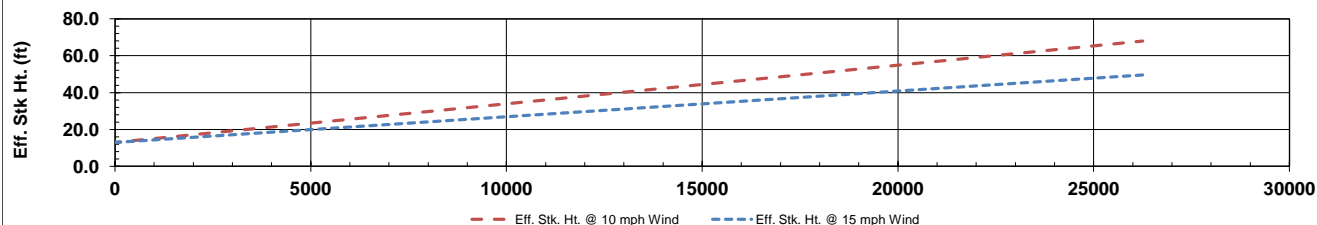
Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1770	0.25	111	106	115	108	107	101	98	91	118
1770	3.00	111	107	115	108	107	102	97	91	118
1770	6.00	110	106	115	107	105	100	95	89	117
1770	9.00	109	104	113	105	104	99	94	87	116

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of cross winds. Performance ratings do not include the effects of appurtenances (accessories). The AMCA Certified Ratings Seal does not apply to Effective Stack Height data. Values shown are for outlet Lwo sound power levels for Installation Type A: free inlet, free outlet. The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301.

**STROBIC AIR**  
Fans, Silencers & Systems  
A CECO Environmental Company

Model #: C36BI33N300I6  
Density: 0.075 lbs./cu. ft.

Speed: 1185 rpm  
Outlet Area: 3.38 ft<sup>2</sup>



Inlet Sound Power Lw(dB) by Octave Band

RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1185	0.00	104	105	112	104	102	98	94	87	114
1185	3.00	105	103	110	102	101	98	94	87	113
1185	6.00	108	103	109	101	101	98	93	87	113
1185	9.00	106	103	108	101	101	98	93	87	112

Outlet Sound Power Lw(dB) by Octave Band

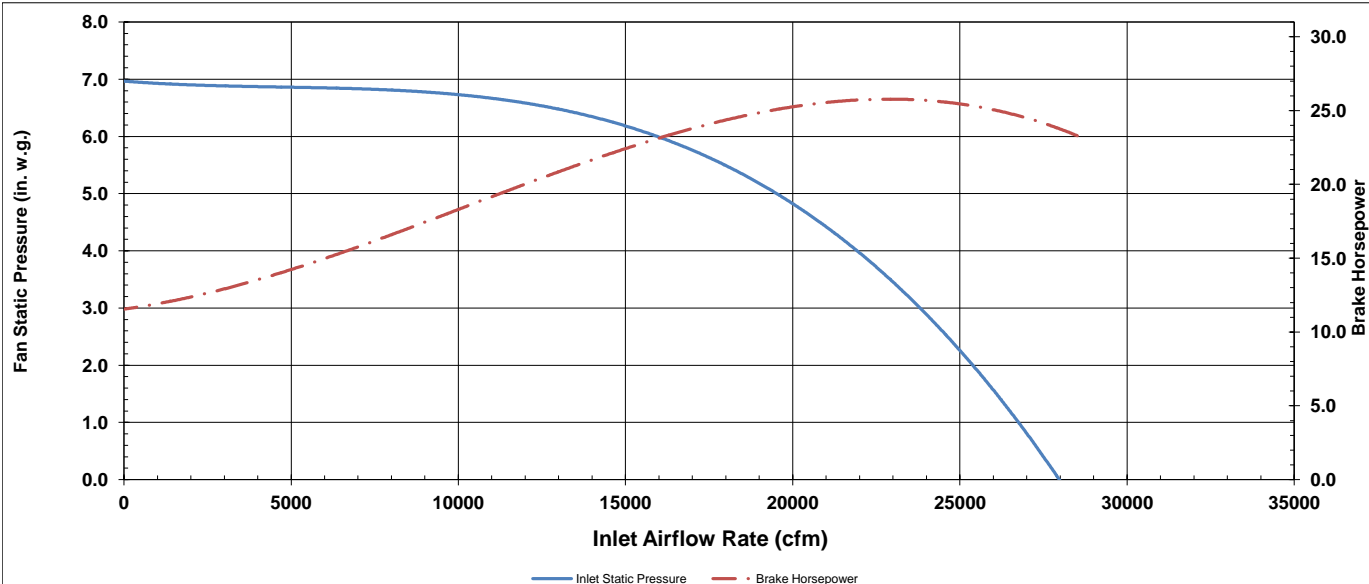
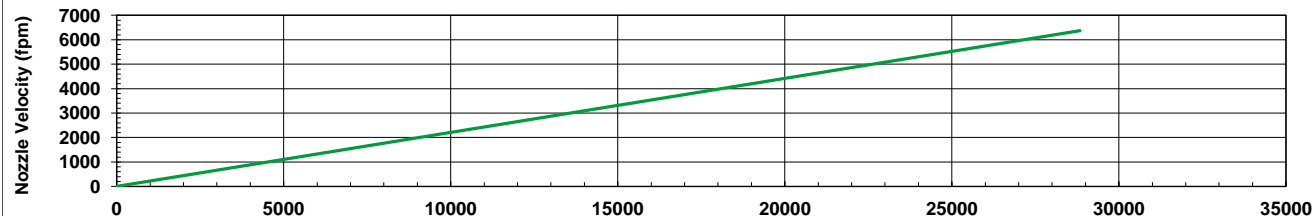
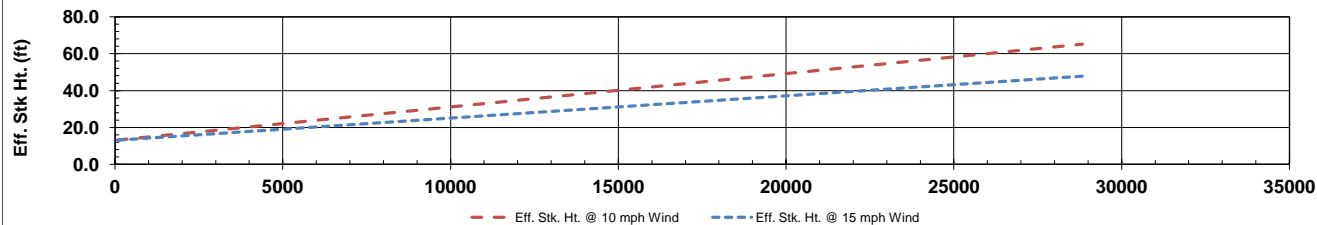
RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1185	0.25	113	108	115	107	106	100	96	89	118
1185	3.00	112	107	115	107	106	101	96	89	118
1185	6.00	110	105	115	106	105	100	95	89	117
1185	9.00	109	105	115	105	104	100	95	88	117

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of cross winds. Performance ratings do not include the effects of appurtenances (accessories). The AMCA Certified Ratings Seal does not apply to Effective Stack Height data. Values shown are for outlet Lwo sound power levels for Installation Type A: free inlet, free outlet. The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301.

**STROBIC AIR**  
Fans, Silencers & Systems  
A CECO Environmental Company

Model #: C36B145N300I6  
Density: 0.075 lbs./cu. ft.

Speed: 1185 rpm  
Outlet Area: 4.53 ft<sup>2</sup>



Inlet Sound Power Lw(dB) by Octave Band

RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1185	0.00	106	105	113	105	103	99	95	88	115
1185	3.00	104	104	112	104	101	98	93	87	114
1185	6.00	105	103	111	103	101	97	92	87	113
1185	9.00	105	103	109	102	101	98	93	87	112

Outlet Sound Power Lw(dB) by Octave Band

RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1185	0.25	113	110	115	109	108	102	99	91	119
1185	3.00	112	107	115	108	107	102	98	90	118
1185	6.00	112	107	116	108	107	102	97	90	119
1185	9.00	110	106	114	107	106	101	96	90	117

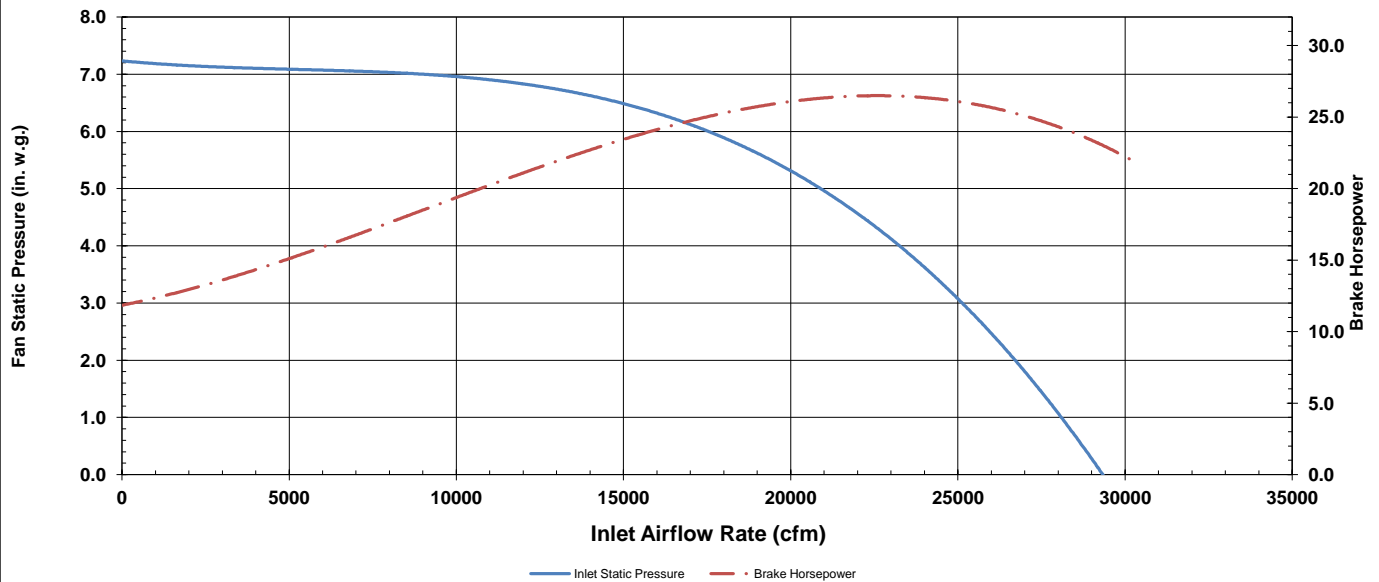
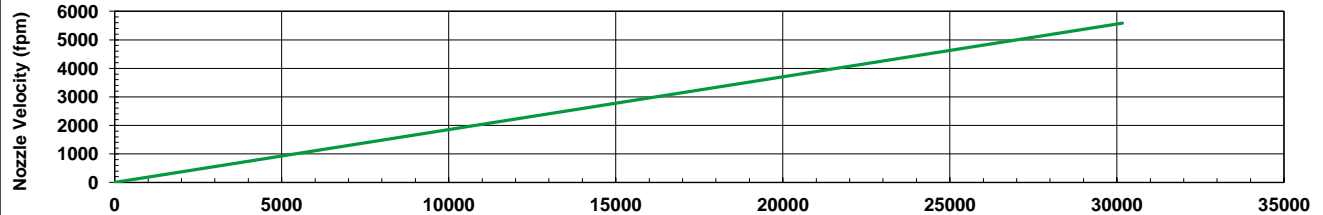
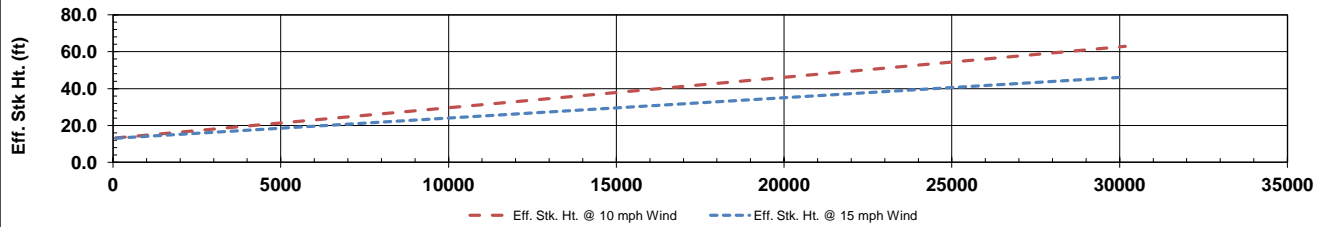
Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of cross winds. Performance ratings do not include the effects of appurtenances (accessories). The AMCA Certified Ratings Seal does not apply to Effective Stack Height data. Values shown are for outlet Lwo sound power levels for Installation Type A: free inlet, free outlet. The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301.

**STROBIC AIR**  
Fans, Silencers & Systems  
A CECO Environmental Company



Model #: C36B154N300I6  
Density: 0.075 lbs./cu. ft.

Speed: 1185 rpm  
Outlet Area: 5.40 ft<sup>2</sup>



Inlet Sound Power Lw(dB) by Octave Band

RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1185	0.00	107	106	112	106	103	100	97	89	115
1185	3.00	105	105	112	104	102	98	95	88	114
1185	6.00	104	104	111	103	101	97	93	87	113
1185	9.00	104	103	109	102	101	98	93	88	112

Outlet Sound Power Lw(dB) by Octave Band

RPM	Ps (in wg)	1	2	3	4	5	6	7	8	Net
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
1185	0.25	114	109	117	110	109	103	100	93	120
1185	3.00	114	109	117	110	109	104	99	93	120
1185	6.00	113	109	117	109	108	103	98	92	120
1185	9.00	112	108	116	108	107	102	97	90	119

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of cross winds. Performance ratings do not include the effects of appurtenances (accessories). The AMCA Certified Ratings Seal does not apply to Effective Stack Height data. Values shown are for outlet Lwo sound power levels for Installation Type A: free inlet, free outlet. The sound power level ratings shown are in decibels, referred to 10-12 watts, calculated per AMCA International Standard 301.

**STROBIC AIR**  
Fans, Silencers & Systems  
A CECO Environmental Company