

# **Tri-Stack<sup>®</sup>**

## **Series M Fans**



**The Power of Innovation<sup>™</sup>**



**STROBIC AIR**

Fans, Silencers & Systems

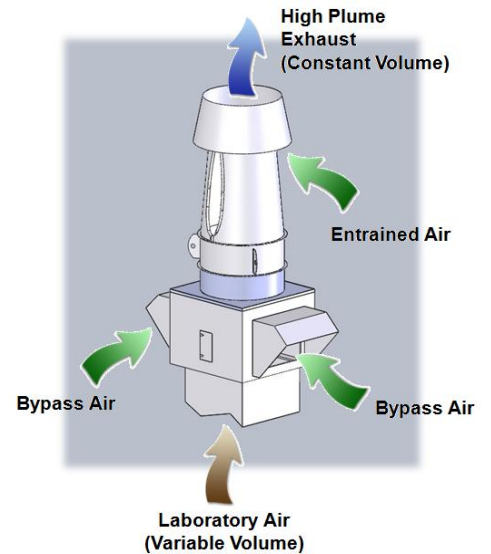
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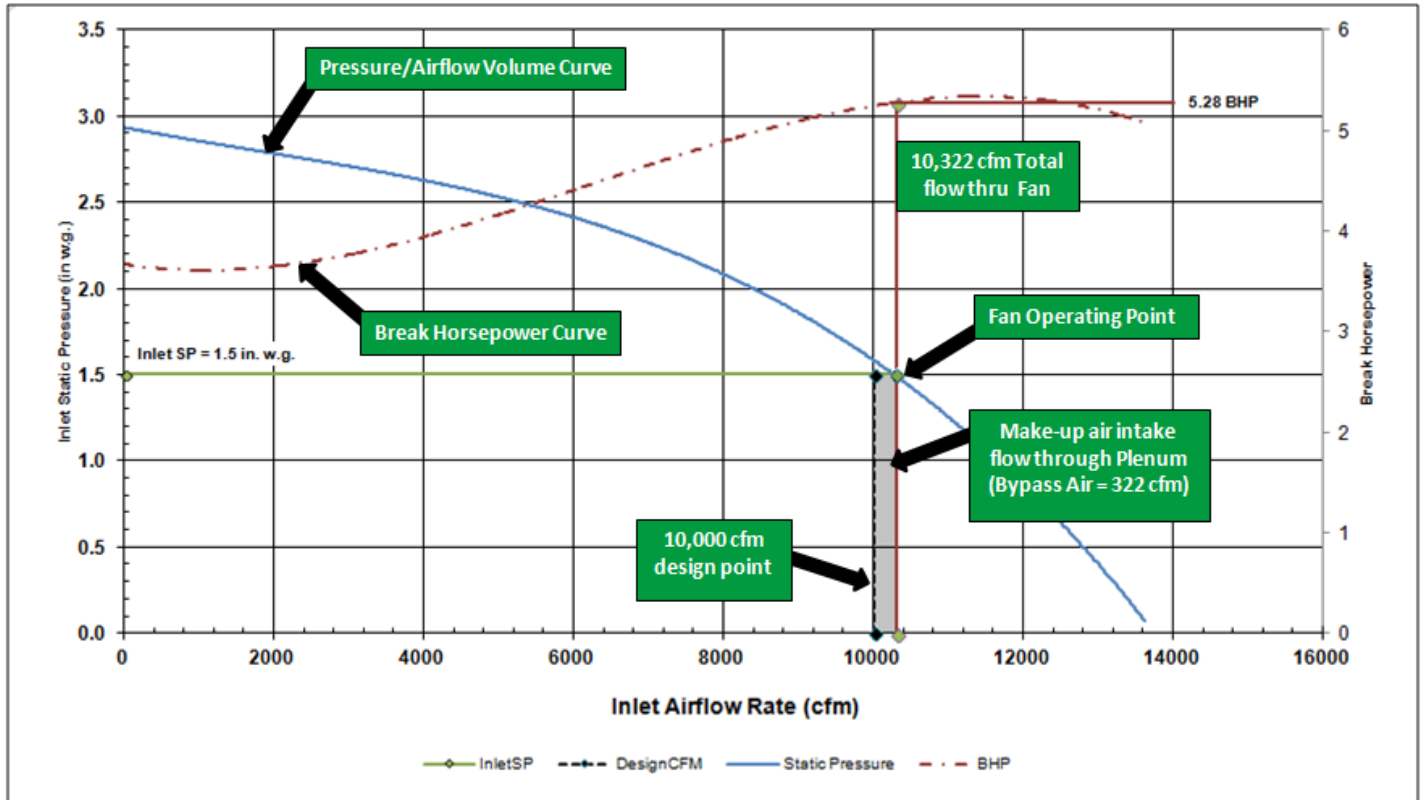
Strobic Air Corporation certifies that the models shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.



### 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).

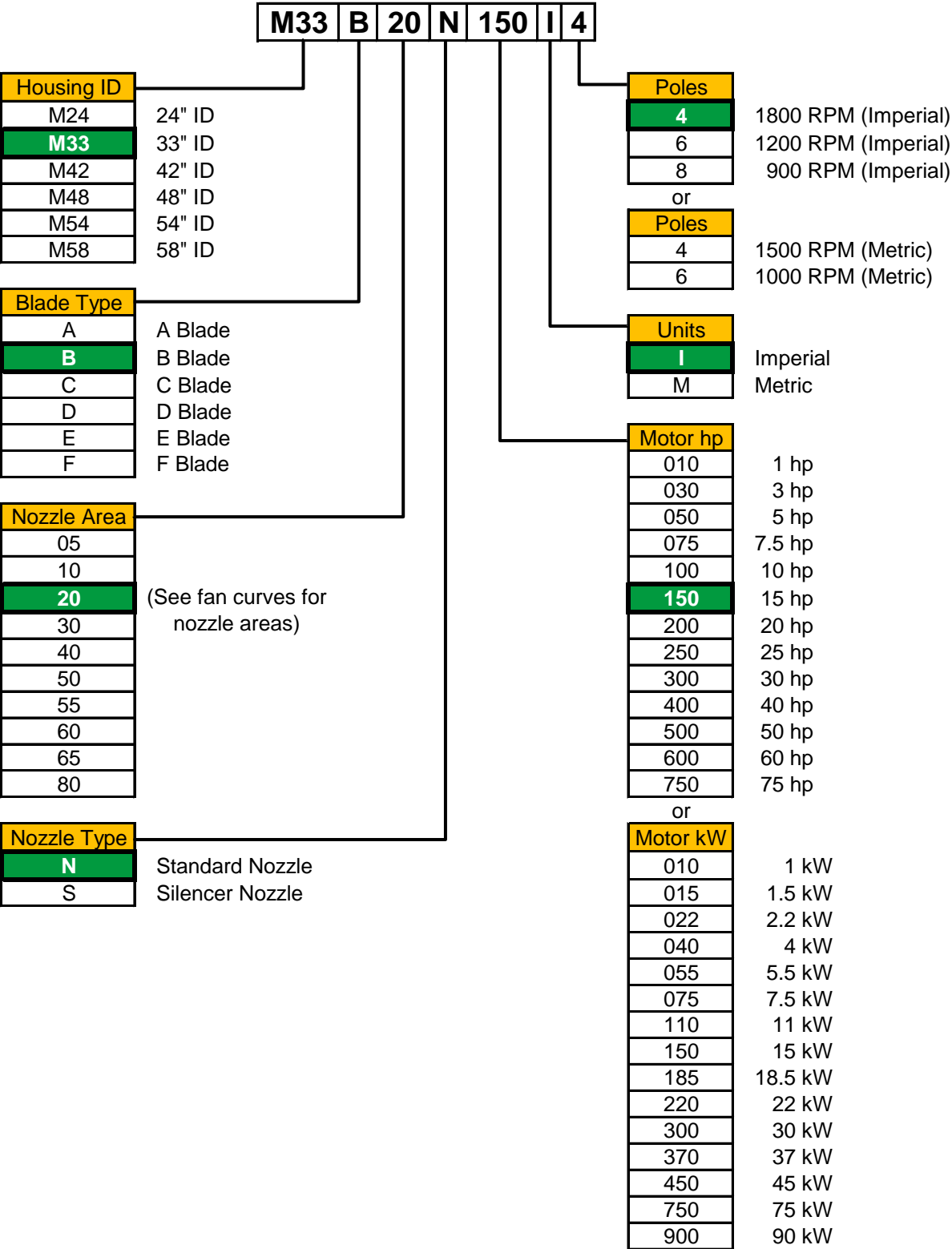
### Example Selection: 10,000 CFM Exhaust at 1.5" w.g. Inlet Static Pressure



Part Numbers

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

Part number example:  
M33B20N150I4



# Table of Contents

Fans (US)	5
M24	5
1200 RPM	5
M24A05N010I6.pdf	5
1800 RPM	6
M24A05N030I4.pdf	6
M33	7
1800 RPM	7
M33A10N100I4.pdf	7
M33A20N100I4.pdf	8
M33B10N150I4.pdf	9
M33B20N150I4.pdf	10
M33C10N200I4.pdf	11
M33C20N200I4.pdf	12
M42	13
900 RPM	13
M42C30N075I8.pdf	13
M42C20N075I8.pdf	14
M42C30S075I8.pdf	15
M42C20S075I8.pdf	16
1200 RPM	17
M42C30N150I6.pdf	17
M42C20N150I6.pdf	18
M42C30S150I6.pdf	19
M42C20S150I6.pdf	20
M48	21
900 RPM	21
M48B40N100I8.pdf	21
M48C40N100I8.pdf	22
M48B55S100I8.pdf	23
M48C55S100I8.pdf	24
M48D40N150I8.pdf	25
M48D55N150I8.pdf	26
M48D55S150I8.pdf	27
M48D60S150I8.pdf	28
1200 RPM	29
M48A40N150I6.pdf	29
M48A55N150I6.pdf	30
M48A55S150I6.pdf	31
M48A60S150I6.pdf	32



	M48B40N200I6.pdf .....	33
	M48B55N200I6.pdf .....	34
	M48B55S200I6.pdf .....	35
	M48B60S200I6.pdf .....	36
	M48C40N250I6.pdf .....	37
	M48C55N250I6.pdf .....	38
	M48C55S250I6.pdf .....	39
	M48C60S250I6.pdf .....	40
	M48D40N300I6.pdf .....	41
	M48D55N300I6.pdf .....	42
	M48D55S300I6.pdf .....	43
	M48D60S300I6.pdf .....	44
M54 .....		45
1200 RPM .....		45
M54A50N400I6.pdf .....		45
M54A60N400I6.pdf .....		46
M54A60S400I6.pdf .....		47
M54A65S400I6.pdf .....		48
M54B50N500I6.pdf .....		49
M54B60N500I6.pdf .....		50
M54B60S500I6.pdf .....		51
M54B65S500I6.pdf .....		52
M58 .....		53
900 RPM .....		53
M58E80N250I8.pdf .....		53
M58E80S250I8.pdf .....		54
1200 RPM .....		55
M58E80N600I6.pdf .....		55
M58E80S600I6.pdf .....		56
M58F80N750I6.pdf .....		57
M58F80S750I6.pdf .....		58
Fans (Metric) .....		59
M24 .....		59
1000 RPM .....		59
M24A05N007M6.pdf .....		59
M33 .....		60
1500 RPM .....		60
M33A10N040M4.pdf .....		60
M33A20N040M4.pdf .....		61
M33B10N075M4.pdf .....		62
M33B20N075M4.pdf .....		63
M33C10N150M4.pdf .....		64
M33C20N150M4.pdf .....		65
M42 .....		66

1000 RPM .....	66
M42C30N075M6.pdf .....	66
M42C20N075M6.pdf .....	67
M42C30S075M6.pdf .....	68
M42C20S075M6.pdf .....	69
1500 RPM .....	70
M42C30N220M4.pdf .....	70
M42C20N220M4.pdf .....	71
M42C30S220M4.pdf .....	72
M42C20S220M4.pdf .....	73
M48 .....	74
1000 RPM .....	74
M48A40N075M6.pdf .....	74
M48A55N075M6.pdf .....	75
M48A55S075M6.pdf .....	76
M48A60S075M6.pdf .....	77
M48B40N110M6.pdf .....	78
M48C40N110M6.pdf .....	79
M48B55N110M6.pdf .....	80
M48C55N110M6.pdf .....	81
M48B55S110M6.pdf .....	82
M48C55S110M6.pdf .....	83
M48B60S110M6.pdf .....	84
M48C60S110M6.pdf .....	85
M48D40N150M6.pdf .....	86
M48D55N150M6.pdf .....	87
M48D55S150M6.pdf .....	88
M48D60S150M6.pdf .....	89
1500 RPM .....	90
M48A40N220M4.pdf .....	90
M48A55N220M4.pdf .....	91
M48A55S220M4.pdf .....	92
M48A60S220M4.pdf .....	93
M48B40N300M4.pdf .....	94
M48B55N300M4.pdf .....	95
M48B55S300M4.pdf .....	96
M48B60S300M4.pdf .....	97
M48C40N370M4.pdf .....	98
M48C55N370M4.pdf .....	99
M48C55S370M4.pdf .....	100
M48C60S370M4.pdf .....	101
M48D40N450M4.pdf .....	102
M48D55N450M4.pdf .....	103
M48D55S450M4.pdf .....	104

	M48D60S450M4.pdf .....	105
M54 .....		106
1000 RPM .....		106
M54A50N185M6.pdf .....		106
M54A60N185M6.pdf .....		107
M54A60S185M6.pdf .....		108
M54A65S185M6.pdf .....		109
M54B50N220M6.pdf .....		110
M54B60N220M6.pdf .....		111
M54B60S220M6.pdf .....		112
M54B65S220M6.pdf .....		113
1500 RPM .....		114
M54A50N750M4.pdf .....		114
M54B50N750M4.pdf .....		115
M54A60N750M4.pdf .....		116
M54B60N750M4.pdf .....		117
M54A60S750M4.pdf .....		118
M54B60S750M4.pdf .....		119
M54A65S750M4.pdf .....		120
M54B65S750M4.pdf .....		121
M58 .....		122
1000 RPM .....		122
M58E80N300M6.pdf .....		122
M58E80S300M6.pdf .....		123
M58F80N370M6.pdf .....		124
M58F80S370M6.pdf .....		125
1500 RPM .....		126
M58E80N900M4.pdf .....		126
M58E80S900M4.pdf .....		127

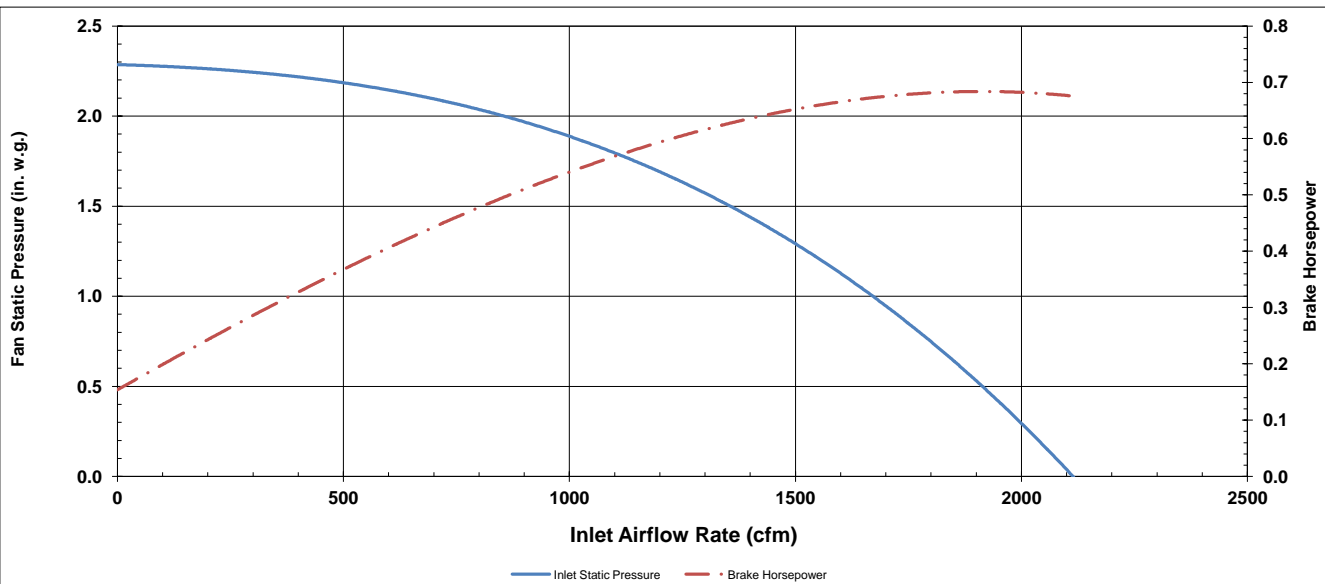
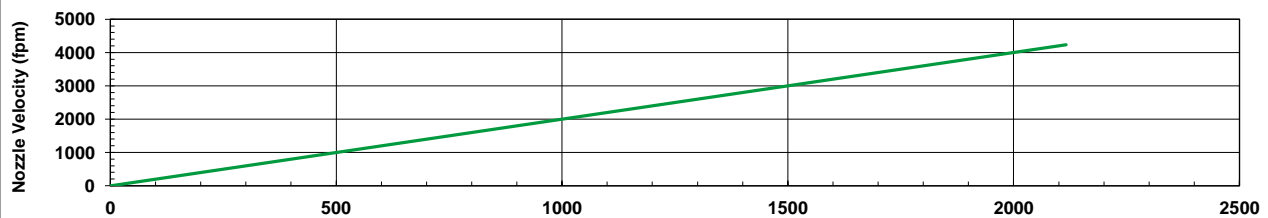
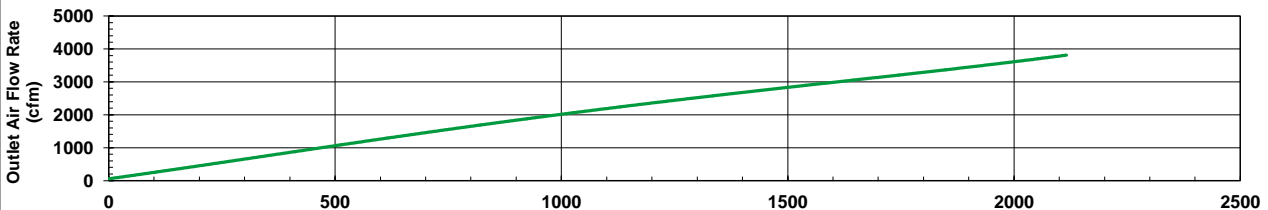
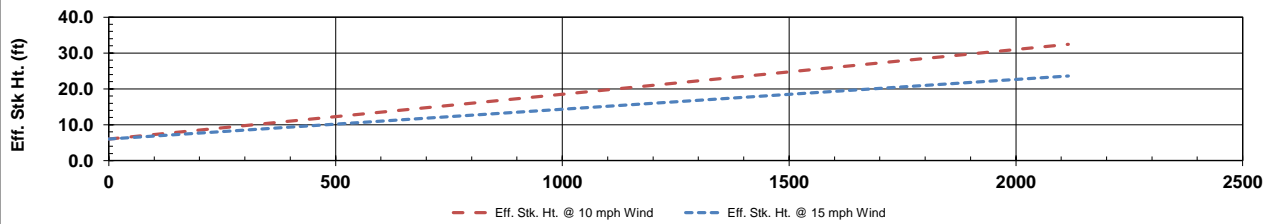
Model #: Tri-Stack™ Series M M24A05N01016

Density: 0.075 lbs./cu. ft.

Windband Area: 2.64 ft<sup>2</sup>

Speed: 1170 rpm

Outlet Area: .50 ft<sup>2</sup>



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	
1170	0.00	74	73	73	74	76	75	70	60	83
1170	0.50	71	73	72	73	75	73	68	59	81
1170	1.00	72	73	72	73	74	71	66	57	80
1170	1.50	74	75	73	72	73	70	64	57	81

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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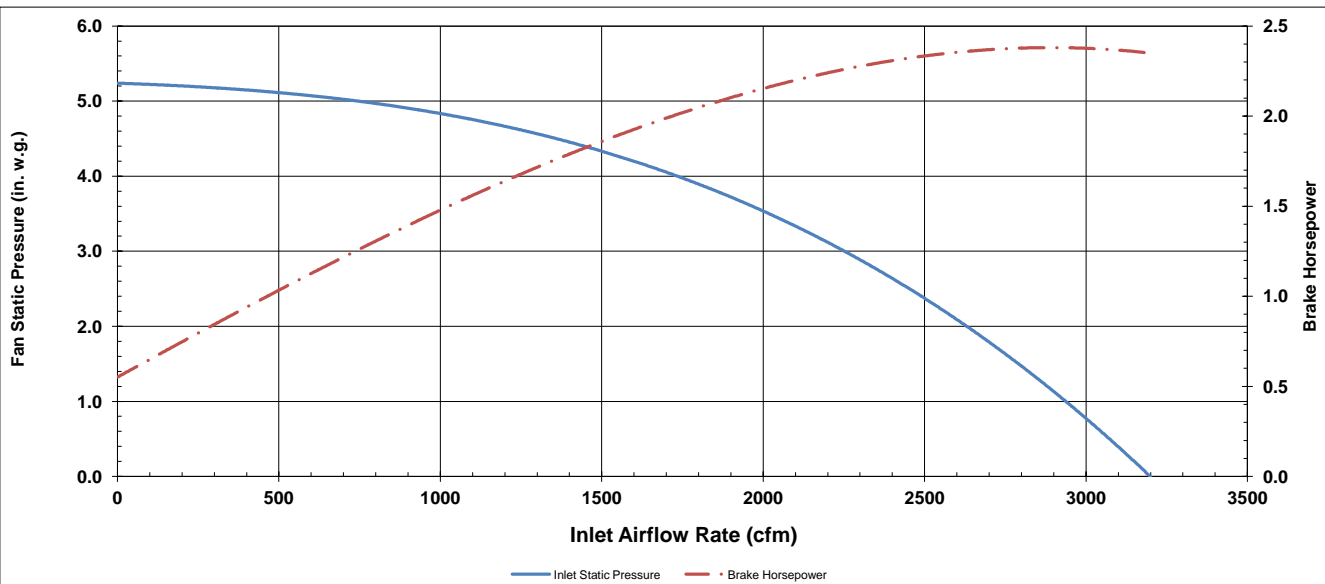
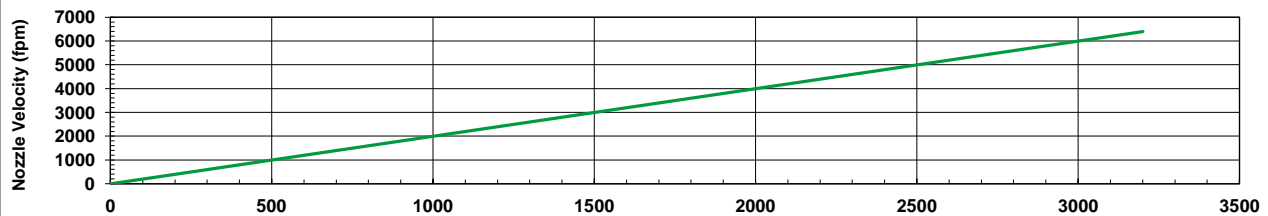
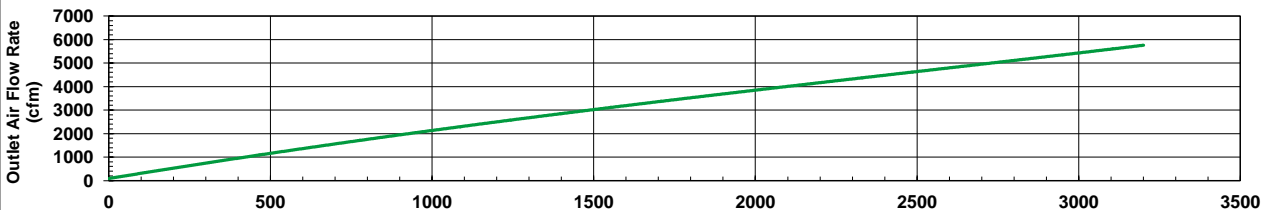
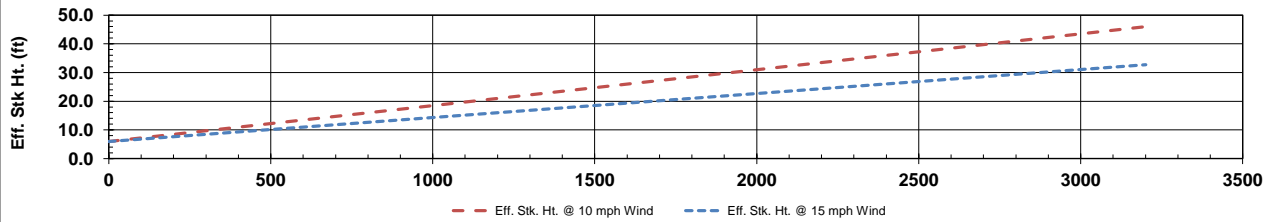
Model #: Tri-Stack™ Series M M24A05N03014

Density: 0.075 lbs./cu. ft.

Windband Area: 2.64 ft<sup>2</sup>

Speed: 1770 rpm

Outlet Area: .50 ft<sup>2</sup>



#### 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	0.50	83	82	82	83	85	84	79	69	92
1770	1.50	80	82	81	82	84	82	77	68	90
1770	2.50	81	82	81	82	83	80	75	66	89
1770	3.50	83	83	82	81	82	79	73	66	90

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 Lw 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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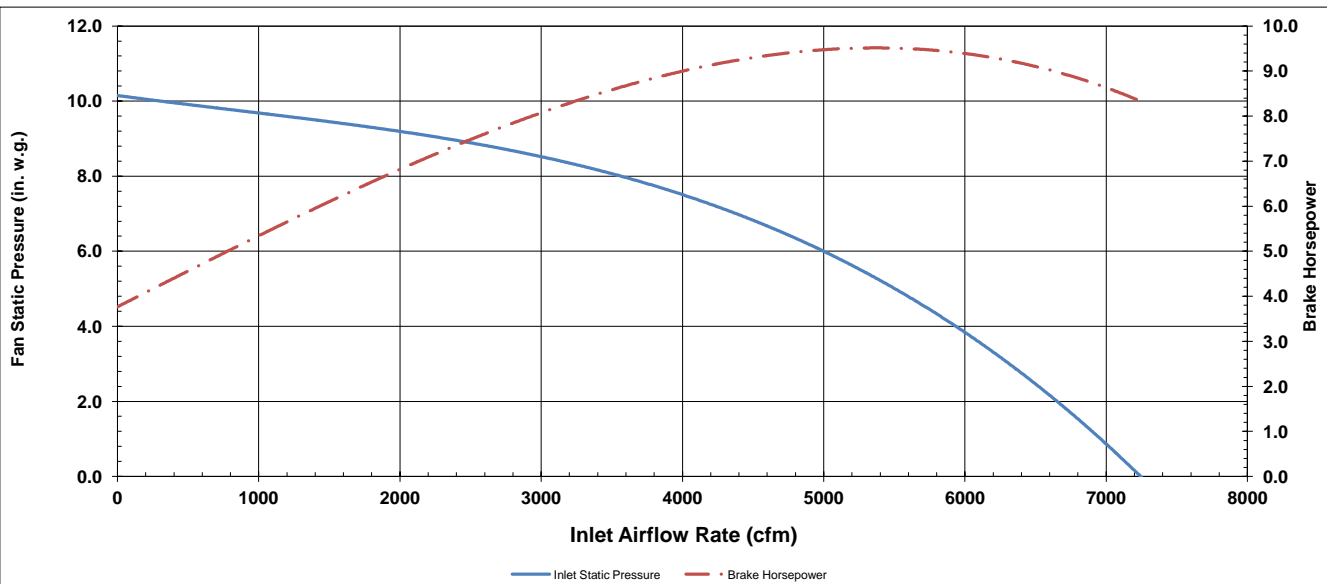
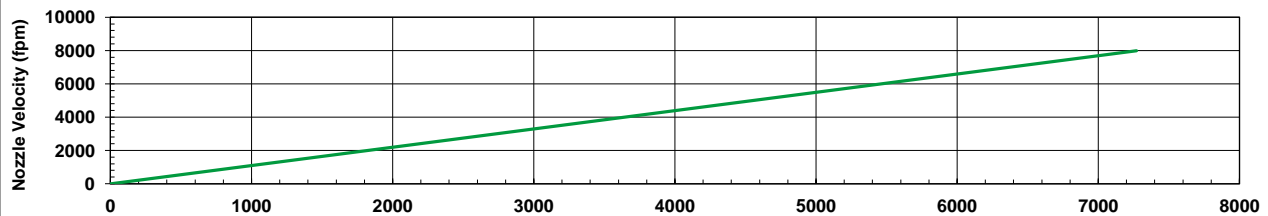
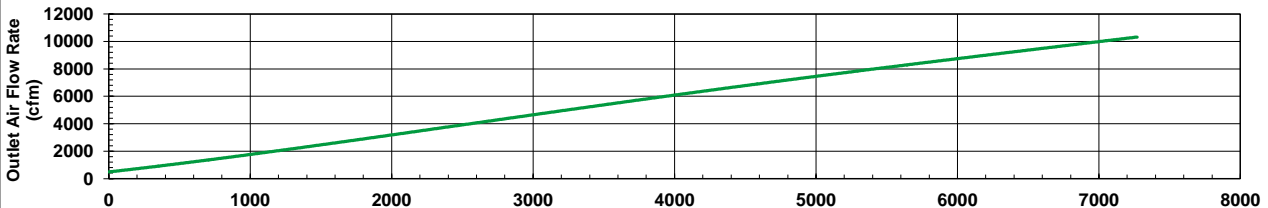
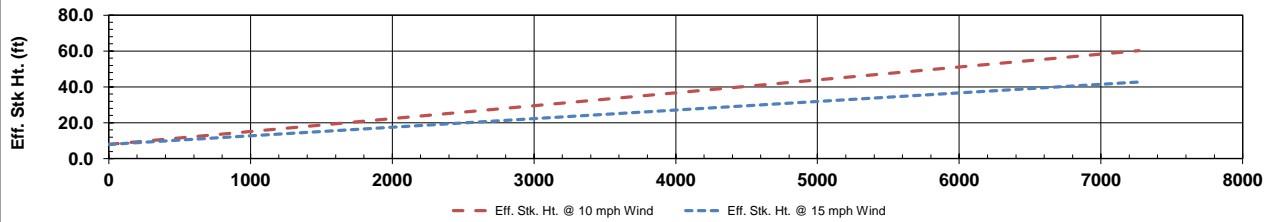
Model #: Tri-Stack™ Series M M33A10N10014

Density: 0.075 lbs./cu. ft.

Windband Area: 7.07 ft<sup>2</sup>

Speed: 1770 rpm

Outlet Area: .91 ft<sup>2</sup>



#### 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	83	90	93	92	94	89	86	76	97
1770	2.00	82	89	92	91	92	88	84	75	96
1770	4.00	84	90	92	91	92	87	82	74	95
1770	6.00	86	92	96	92	91	86	80	72	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 Lw 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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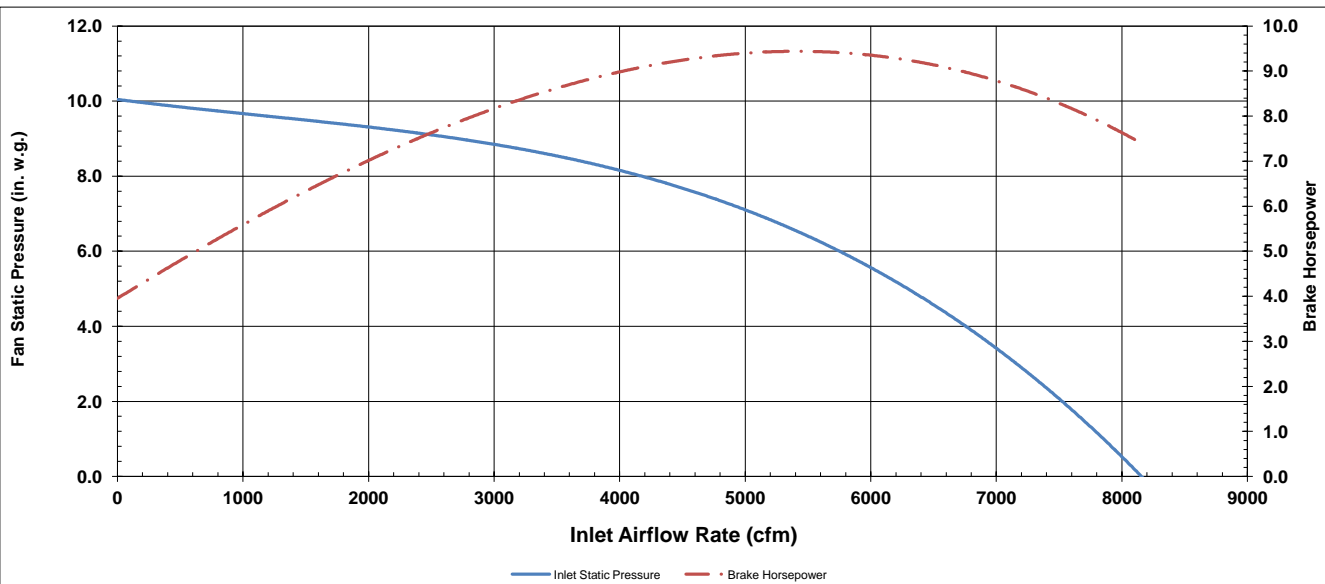
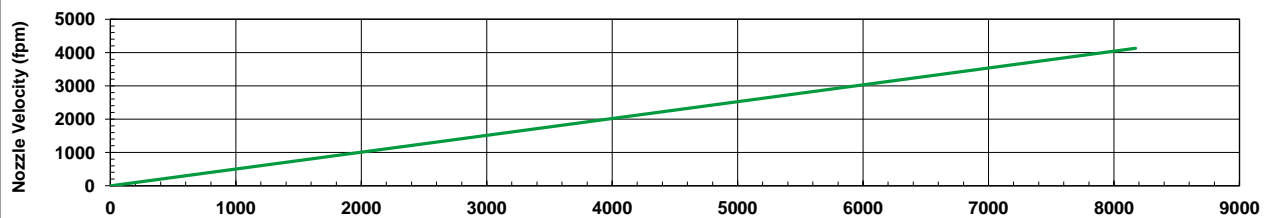
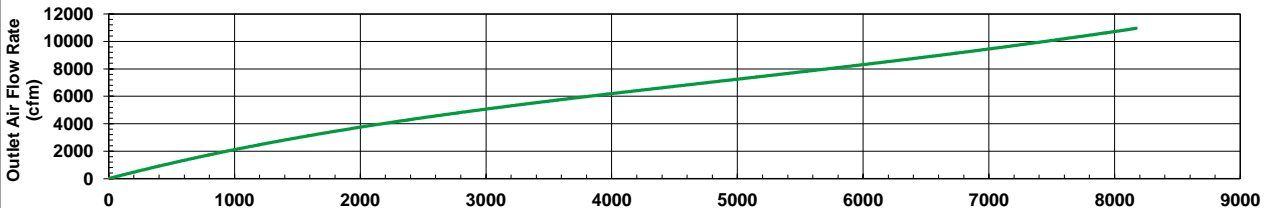
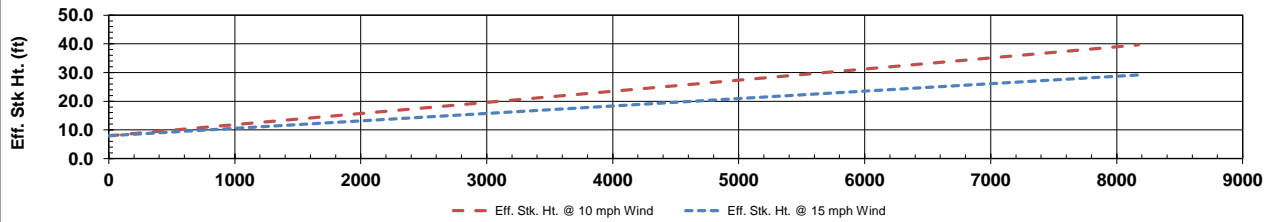
Model #: Tri-Stack™ Series M M33A20N10014

Density: 0.075 lbs./cu. ft.

Windband Area: 7.07 ft<sup>2</sup>

Speed: 1770 rpm

Outlet Area: 1.98 ft<sup>2</sup>



#### 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	88	93	93	95	92	89	82	99
1770	2.00	87	89	97	93	95	91	88	79	99
1770	4.00	86	88	97	92	94	90	86	78	98
1770	6.00	85	87	94	91	93	90	83	76	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 Lw 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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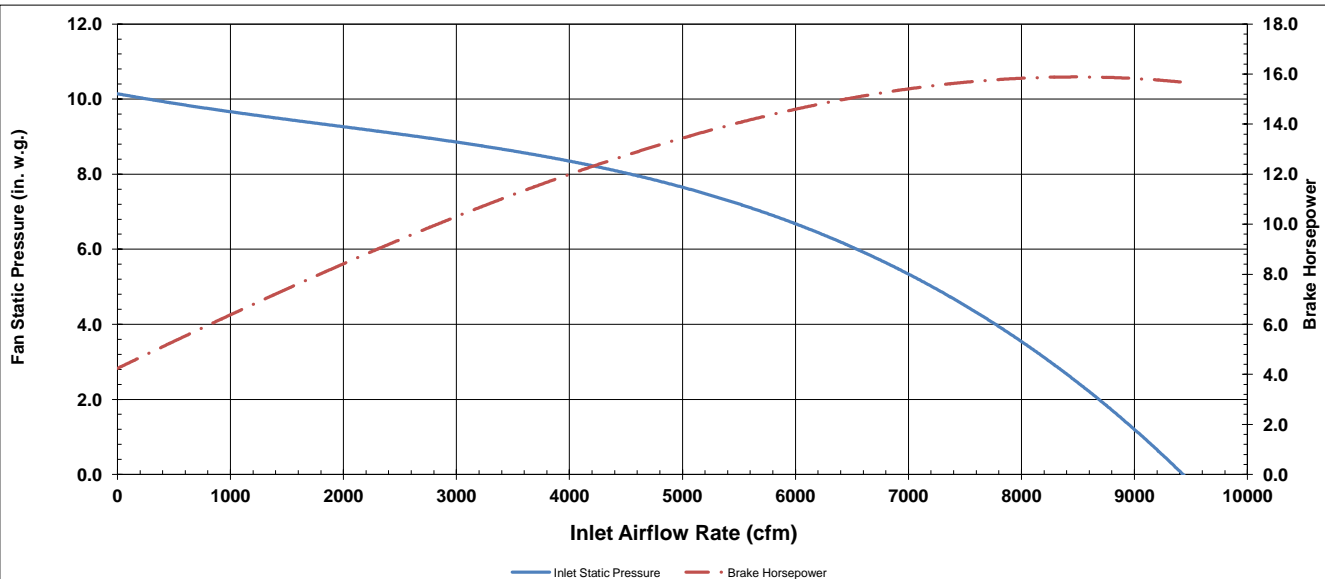
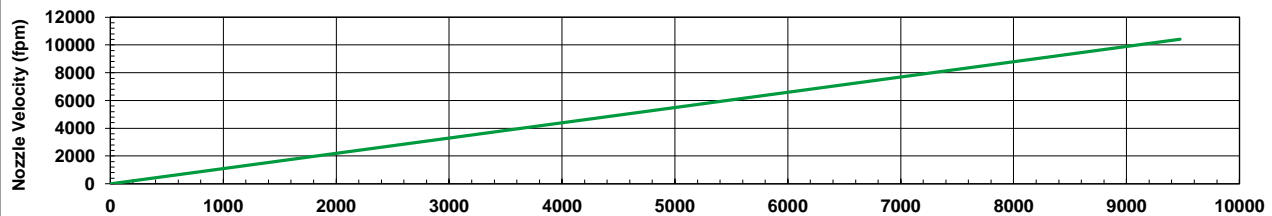
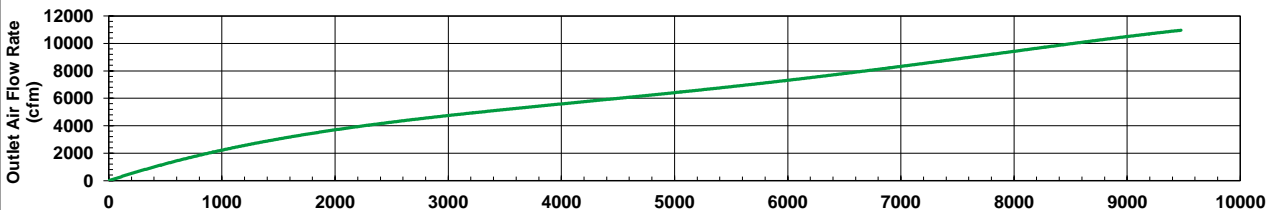
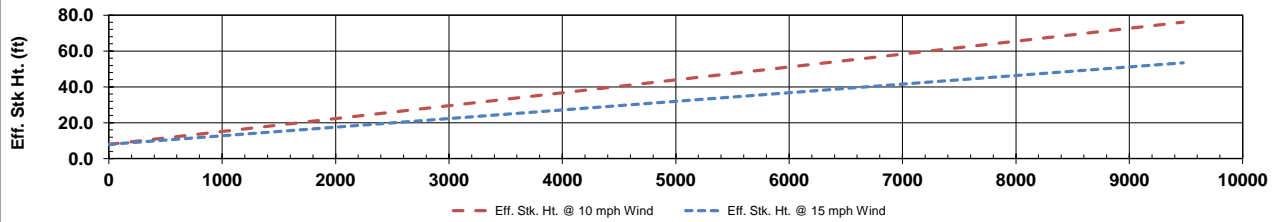
Model #: Tri-Stack™ Series M M33B10N15014

Density: 0.075 lbs./cu. ft.

Windband Area: 7.07 ft<sup>2</sup>

Speed: 1770 rpm

Outlet Area: .91 ft<sup>2</sup>



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	85	87	95	90	94	92	90	80	98
1770	2.00	84	87	95	90	94	91	88	78	98
1770	4.00	83	90	94	91	94	90	86	77	97
1770	6.00	85	95	96	93	94	89	84	76	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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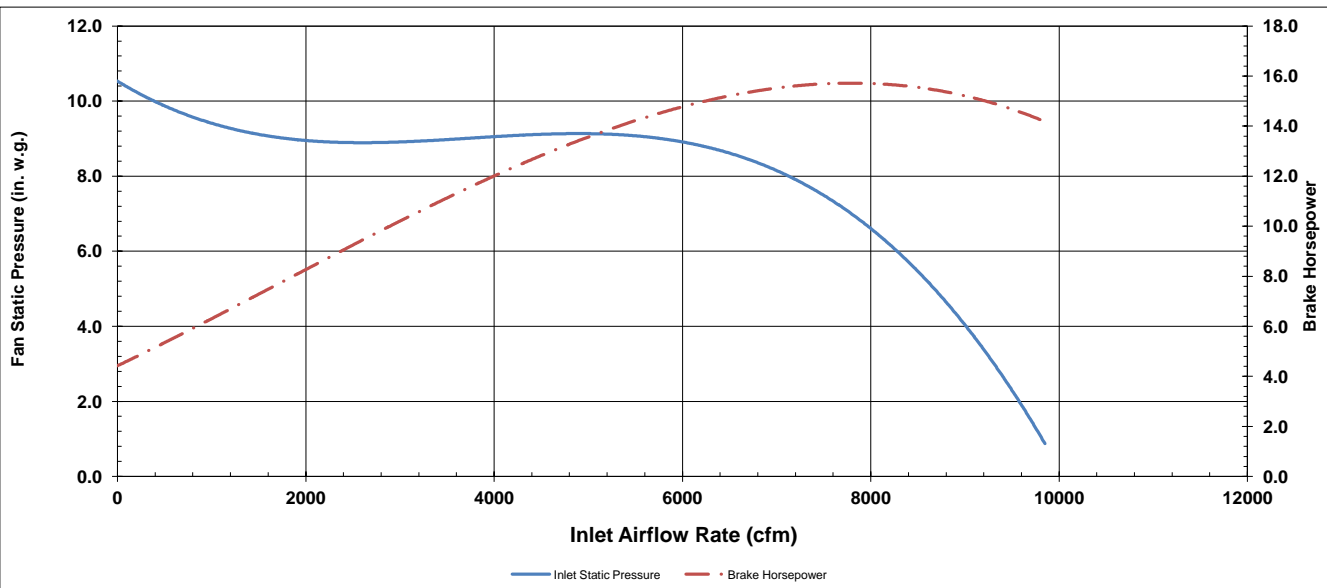
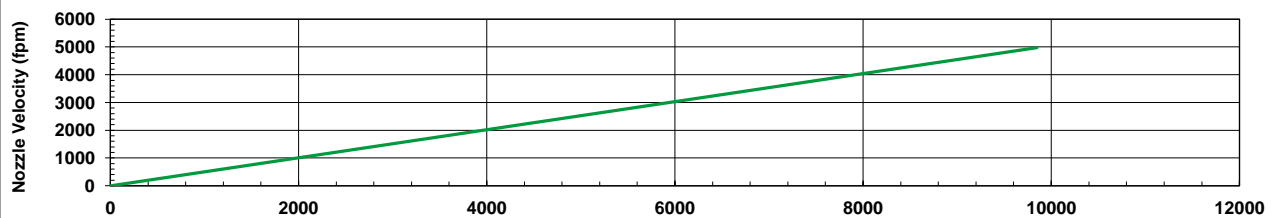
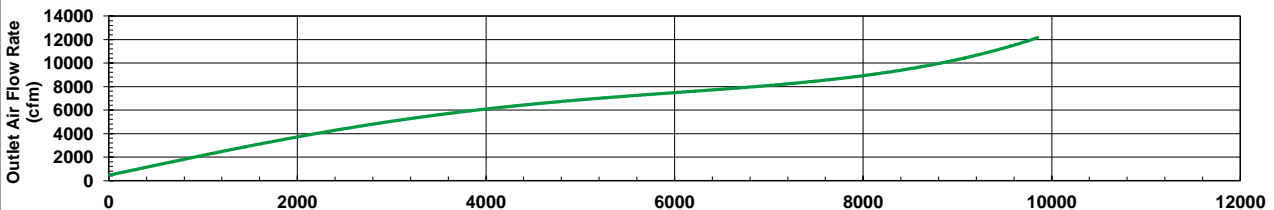
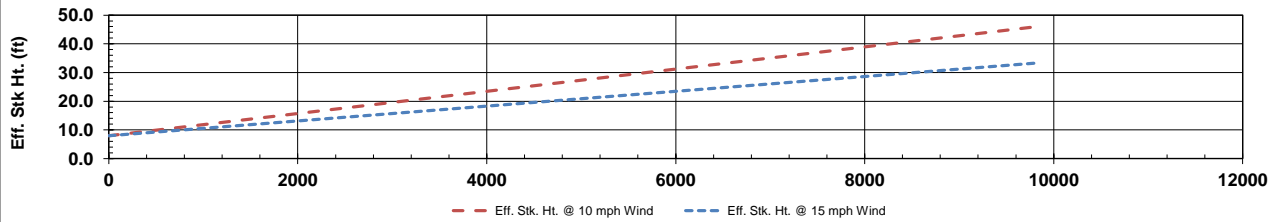
Model #: Tri-Stack™ Series M M33B20N15014

Density: 0.075 lbs./cu. ft.

Windband Area: 7.07 ft<sup>2</sup>

Speed: 1770 rpm

Outlet Area: 1.98 ft<sup>2</sup>



#### 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	89	94	95	97	96	96	88	102
1770	2.00	86	88	94	93	96	95	94	85	101
1770	4.00	85	87	93	93	95	94	91	82	100
1770	6.00	85	87	94	92	95	93	89	80	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 Lw 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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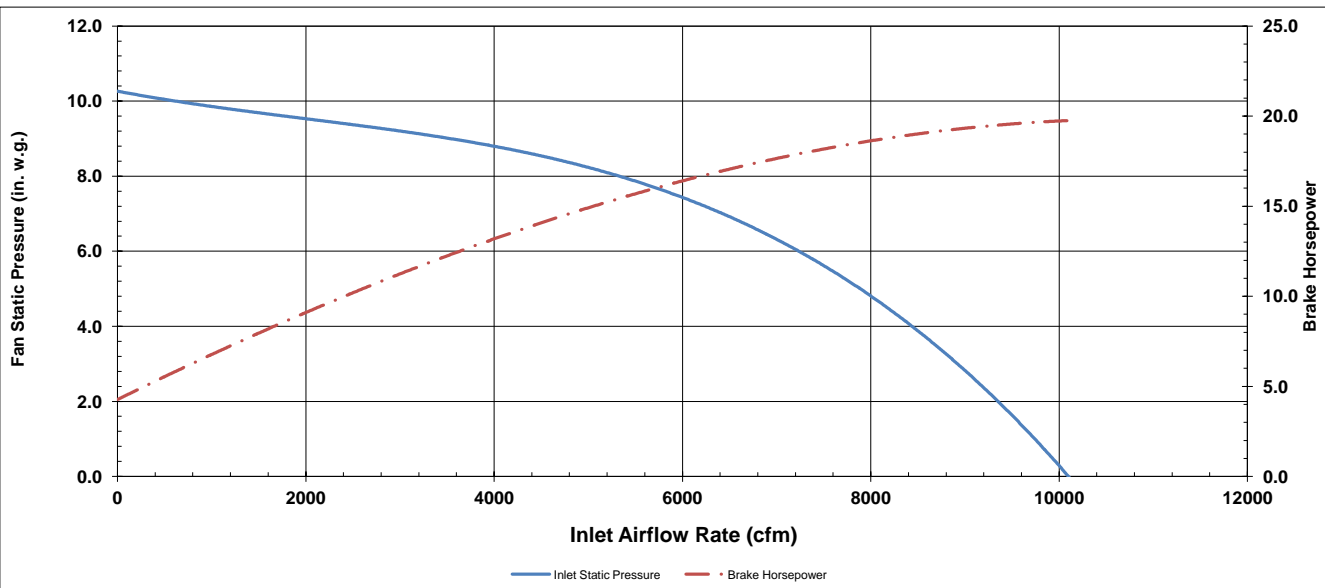
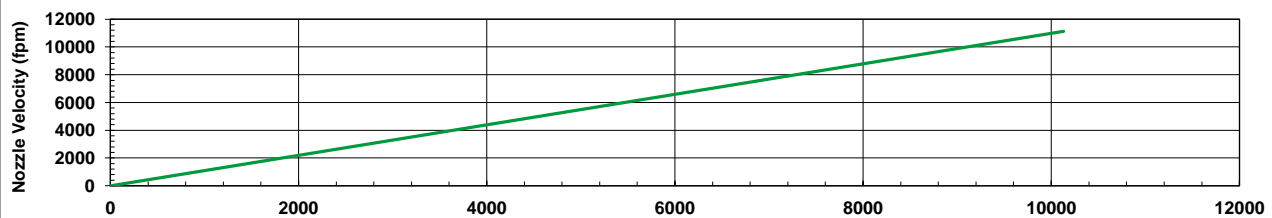
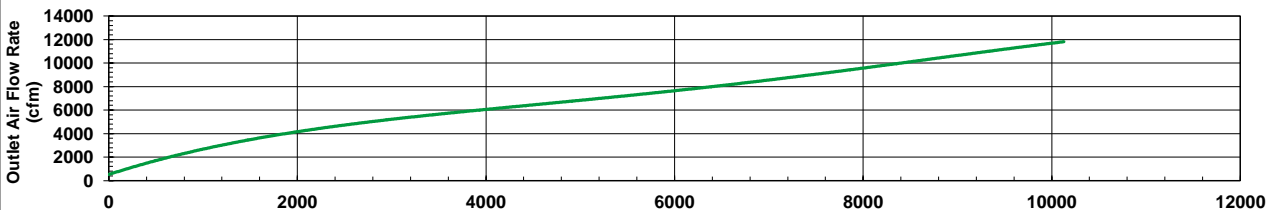
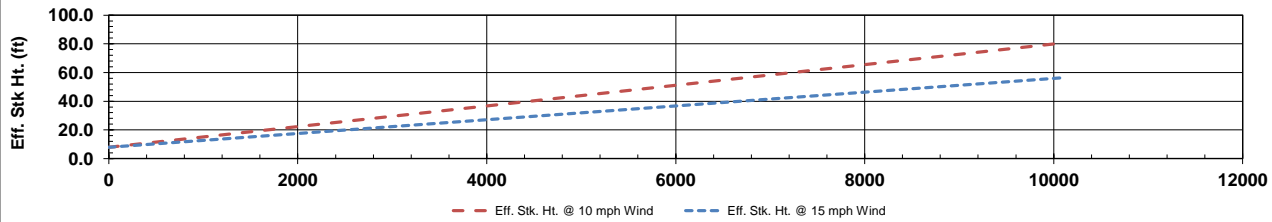
Model #: Tri-Stack™ Series M M33C10N20014

Density: 0.075 lbs./cu. ft.

Windband Area: 7.07 ft<sup>2</sup>

Speed: 1770 rpm

Outlet Area: .91 ft<sup>2</sup>



#### 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	86	89	99	96	97	94	91	82	101
1770	2.00	87	90	98	94	96	93	89	80	100
1770	4.00	86	93	98	94	96	93	88	79	100
1770	6.00	87	97	98	94	97	93	87	78	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 Lw 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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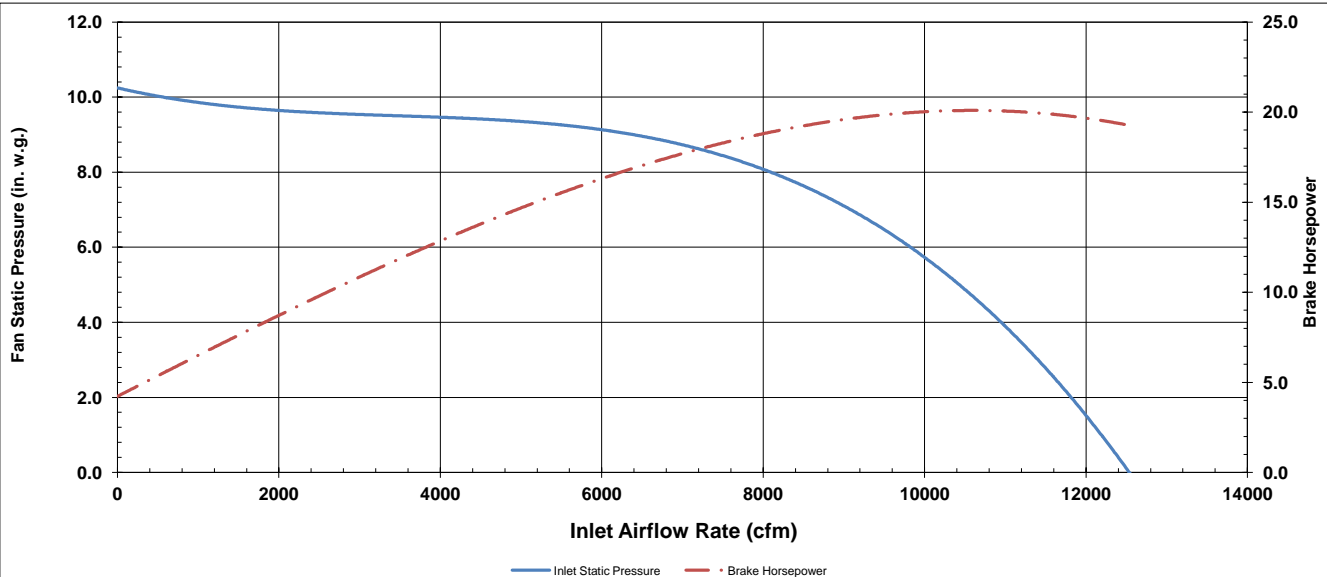
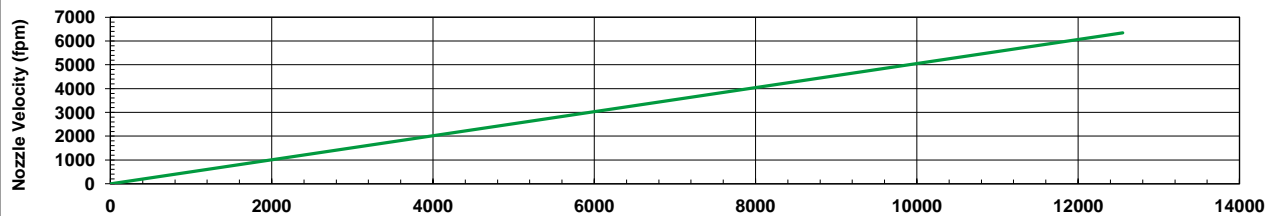
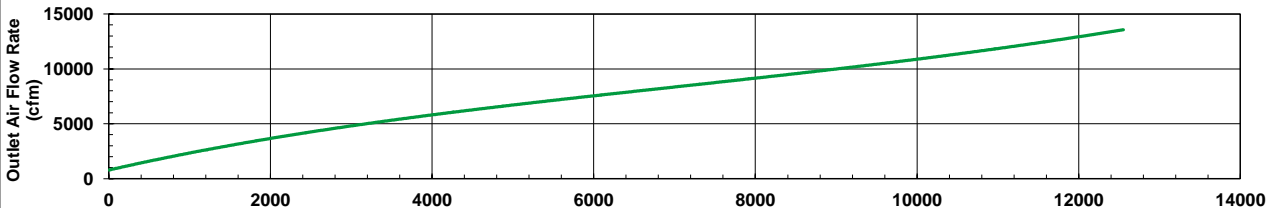
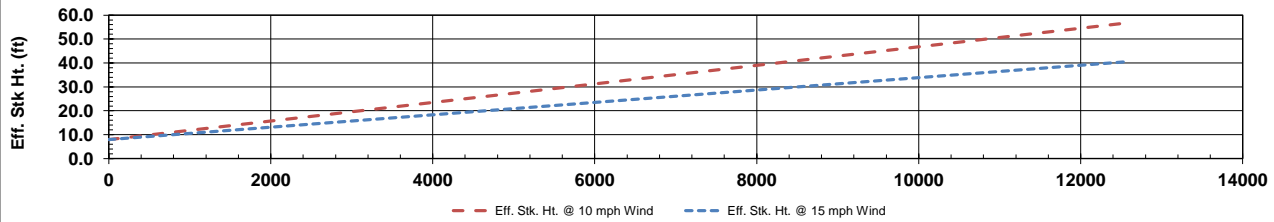
Model #: Tri-Stack™ Series M M33C20N20014

Density: 0.075 lbs./cu. ft.

Windband Area: 7.07 ft<sup>2</sup>

Speed: 1770 rpm

Outlet Area: 1.98 ft<sup>2</sup>



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	94	99	100	100	98	95	91	104
1770	2.00	89	92	97	99	99	97	94	89	104
1770	4.00	88	91	96	97	99	96	92	87	103
1770	6.00	87	93	97	96	99	96	91	85	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 Lw 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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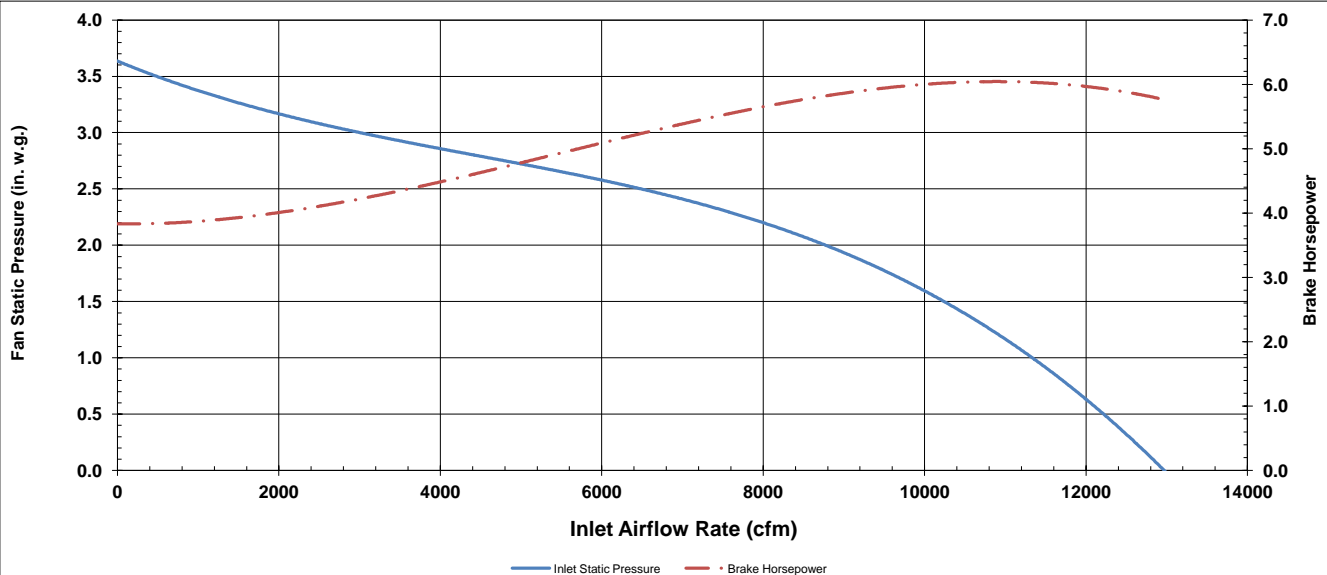
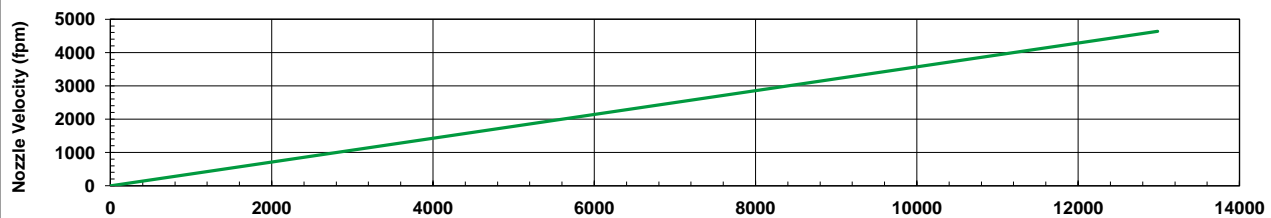
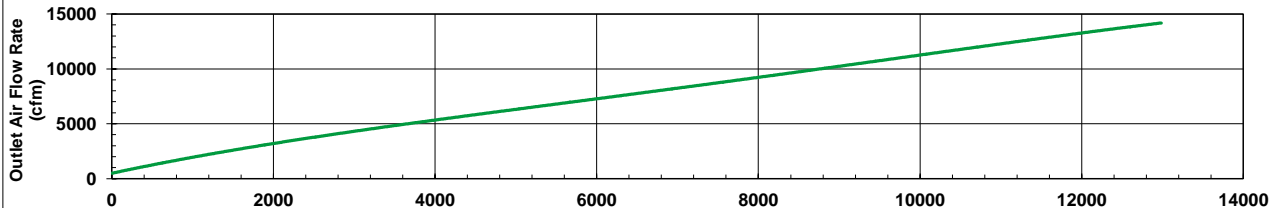
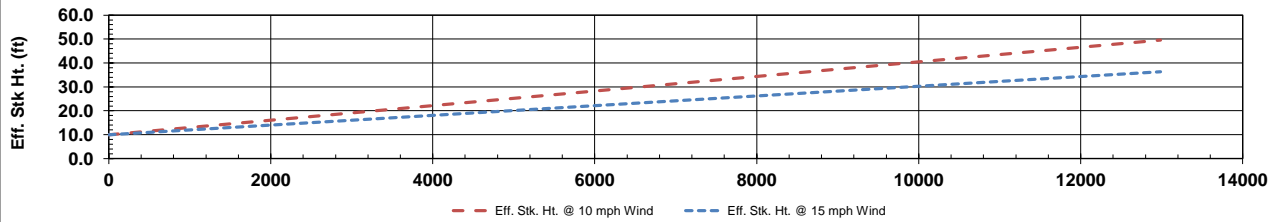
Model #: Tri-Stack™ Series M M42C30N075I8

Density: 0.075 lbs./cu. ft.

Windband Area: 9.63 ft<sup>2</sup>

Speed: 880 rpm

Outlet Area: 2.80 ft<sup>2</sup>



#### 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	
880	0.00	82	85	87	86	85	82	80	68	90
880	0.50	82	86	86	85	84	81	77	66	89
880	1.00	83	85	85	84	83	79	75	65	87
880	1.50	84	85	85	84	83	78	72	64	87

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 Lw 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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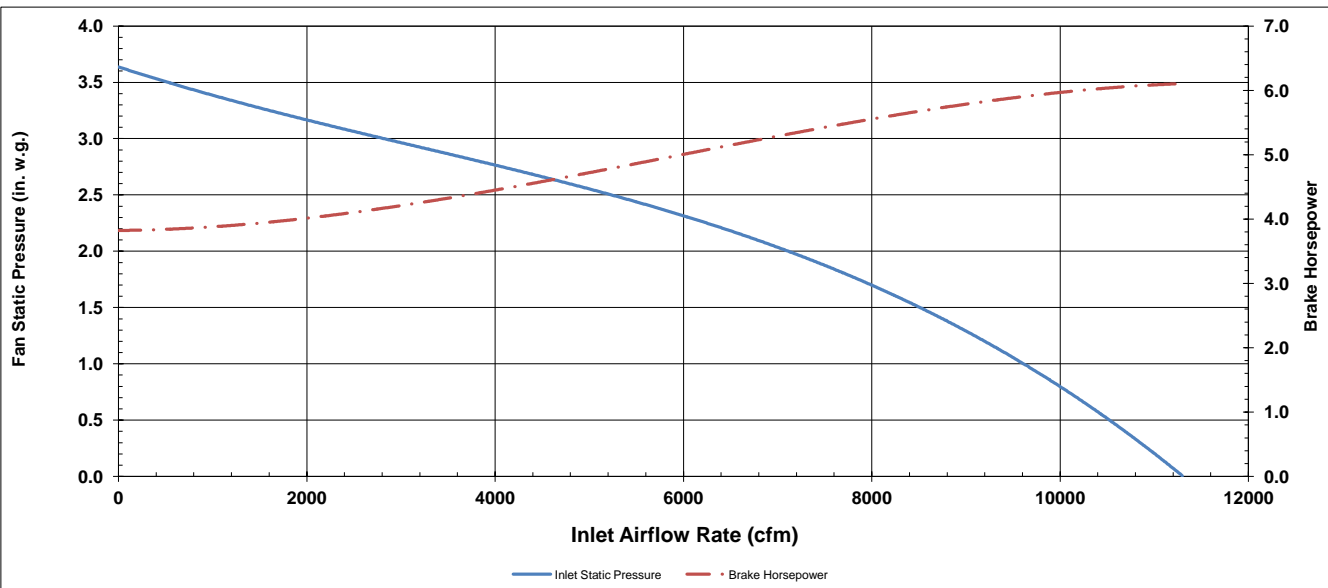
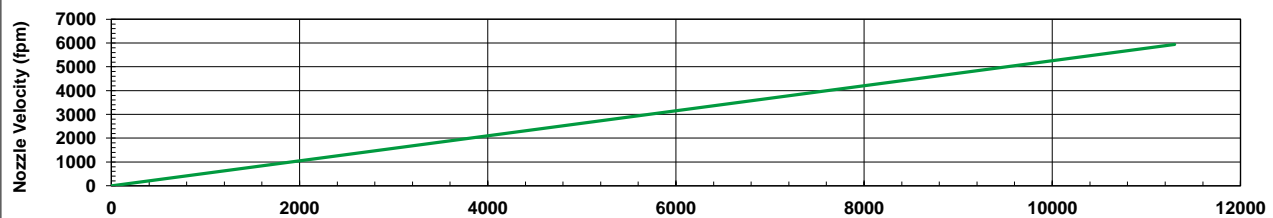
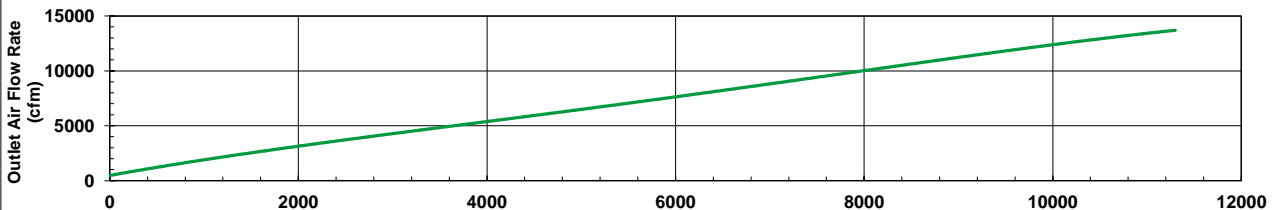
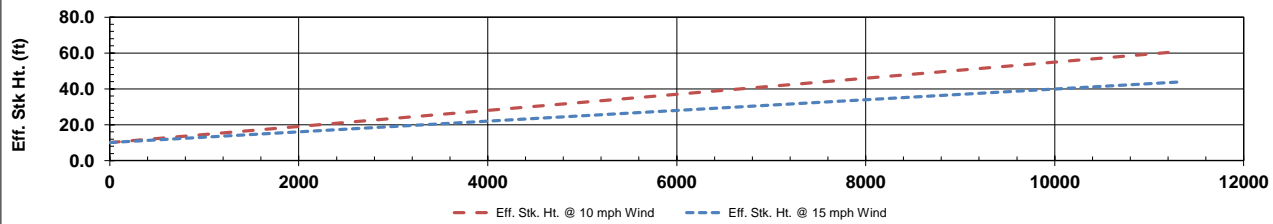
Model #: Tri-Stack™ Series M M42C20N075I8

Density: 0.075 lbs./cu. ft.

Windband Area: 9.63 ft<sup>2</sup>

Speed: 880 rpm

Outlet Area: 1.90 ft<sup>2</sup>



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	
880	0.00	85	85	85	84	83	80	75	66	87
880	0.50	88	86	85	84	82	79	73	65	87
880	1.00	85	86	85	84	82	78	71	64	86
880	1.50	87	88	86	85	83	78	71	64	87

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 Lw 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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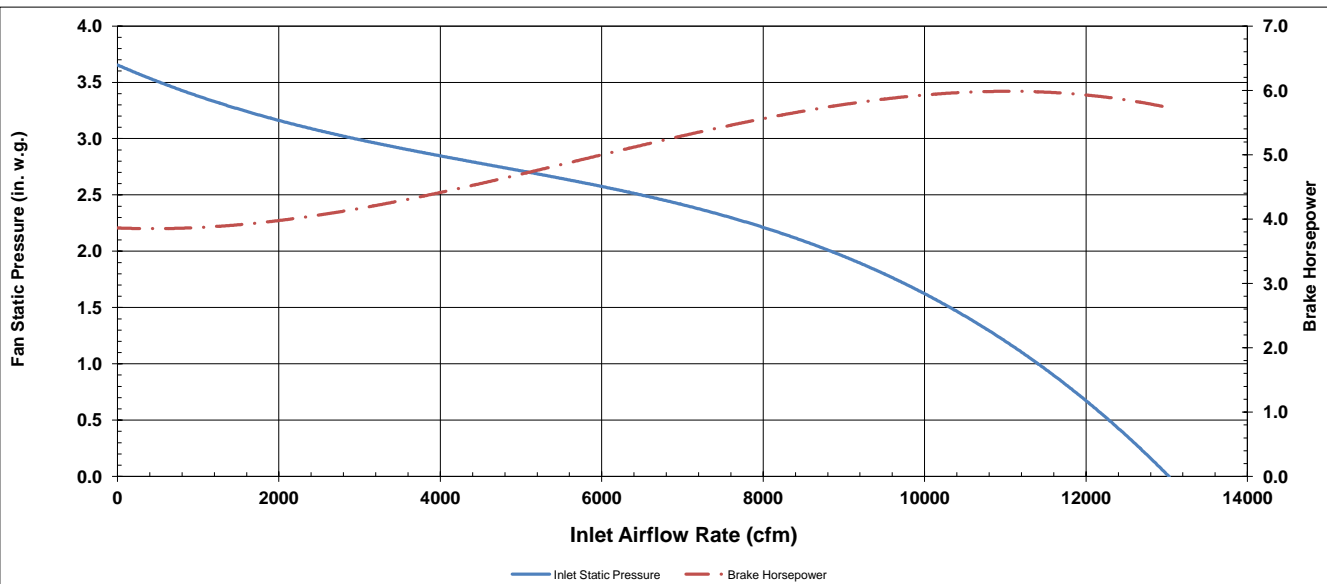
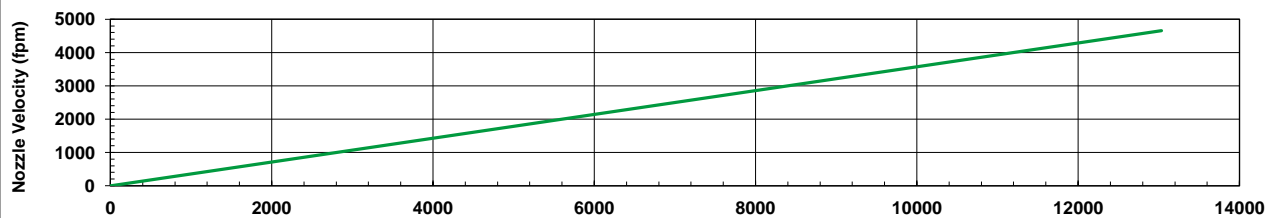
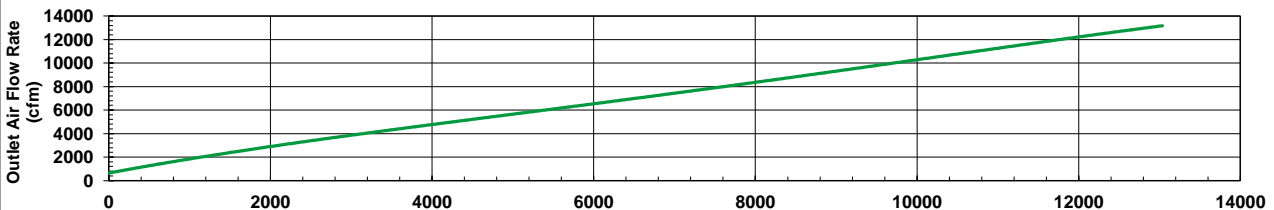
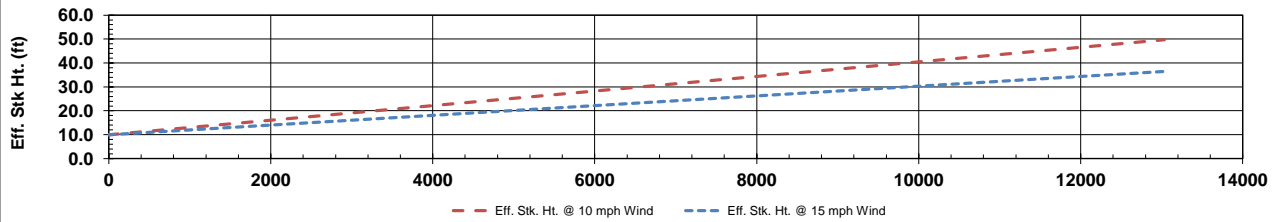
Model #: Tri-Stack™ Series M M42C30S07518

Density: 0.075 lbs./cu. ft.

Windband Area: 11.8 ft<sup>2</sup>

Speed: 880 rpm

Outlet Area: 2.80 ft<sup>2</sup>



#### 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	
880	0.00	87	84	83	78	73	71	73	67	81
880	0.50	84	84	82	77	73	70	71	66	80
880	1.00	84	83	81	76	72	69	69	65	79
880	1.50	85	83	81	76	71	68	67	64	78

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 Lw 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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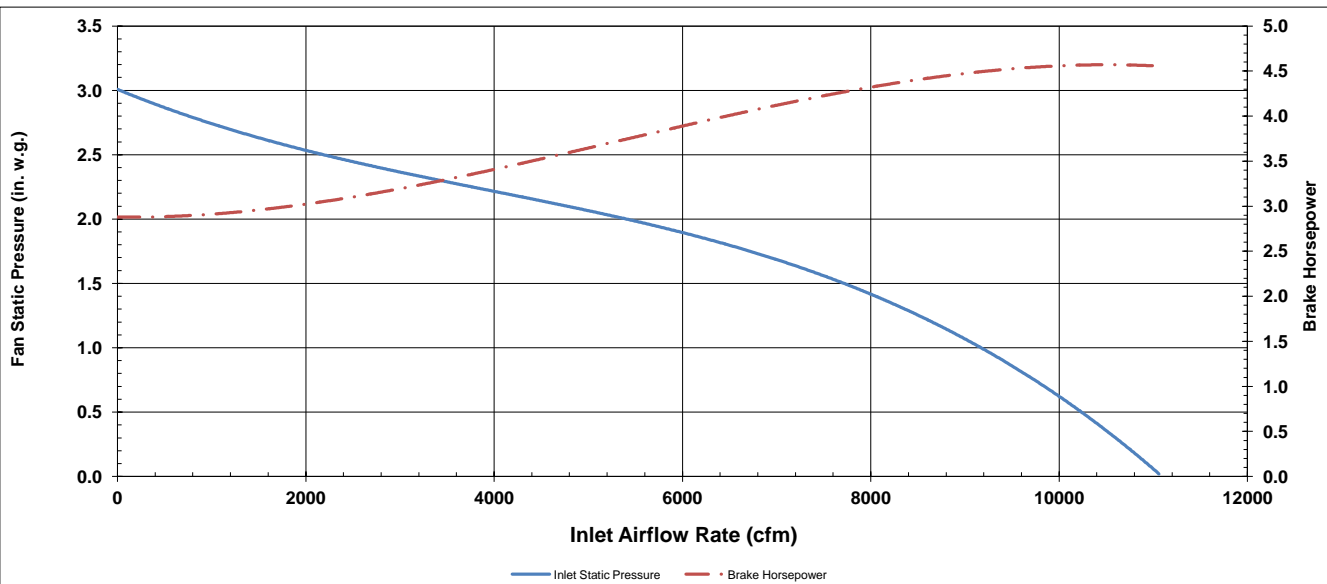
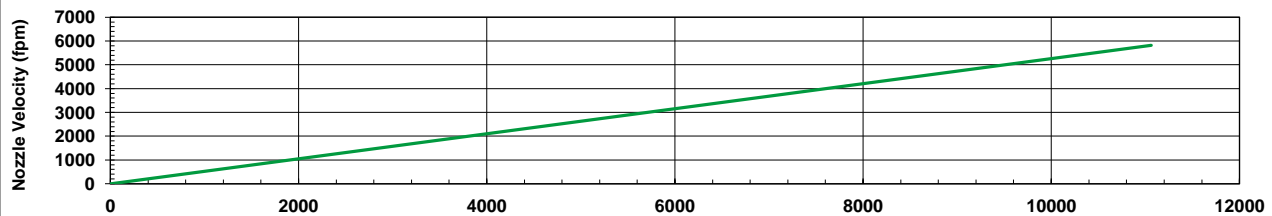
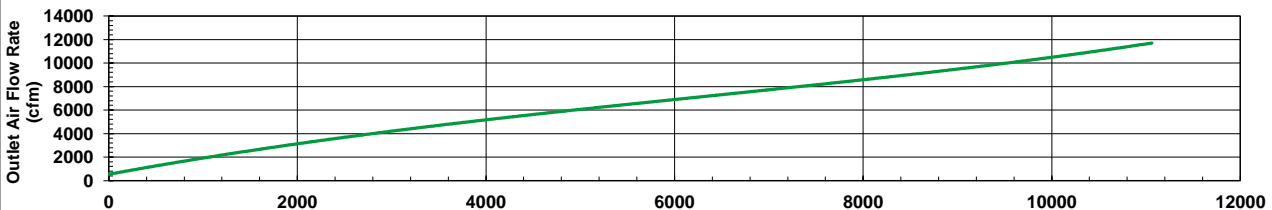
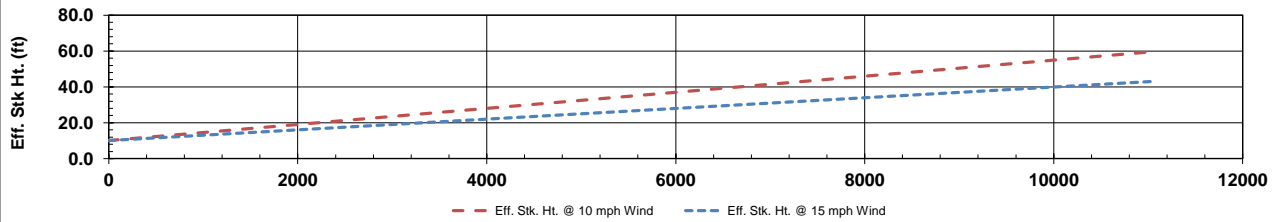
Model #: Tri-Stack™ Series M M42C20S07518

Density: 0.075 lbs./cu. ft.

Windband Area: 11.8 ft<sup>2</sup>

Speed: 800 rpm

Outlet Area: 1.90 ft<sup>2</sup>



#### 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	
800	0.00	80	79	79	76	73	70	70	66	79
800	0.25	83	80	79	75	72	68	69	65	78
800	0.75	82	80	79	75	71	67	67	63	77
800	1.25	83	81	80	74	70	66	66	62	77

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 Lw 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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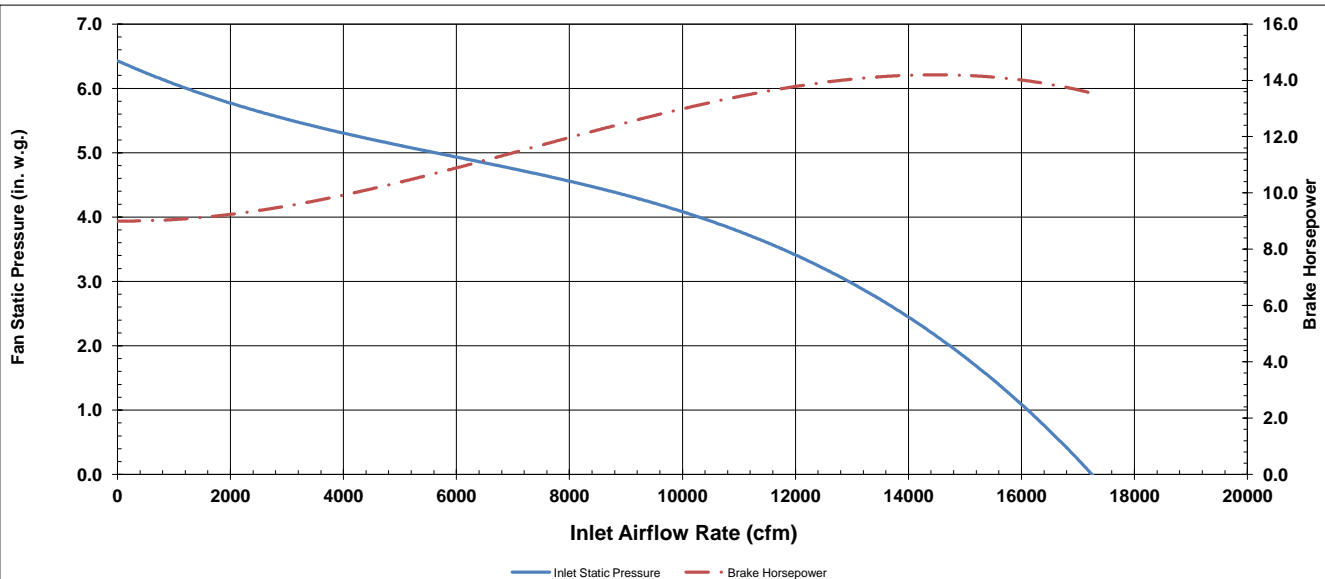
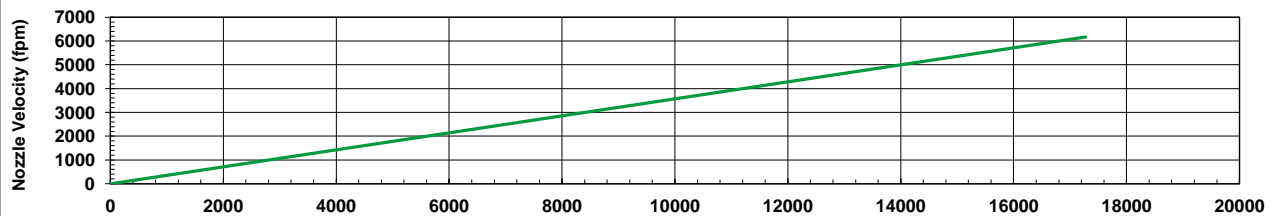
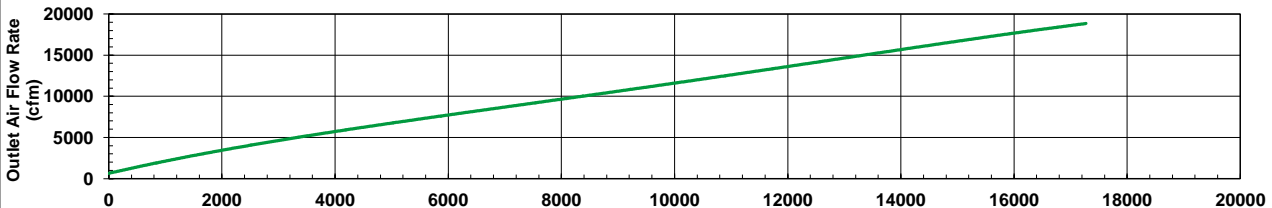
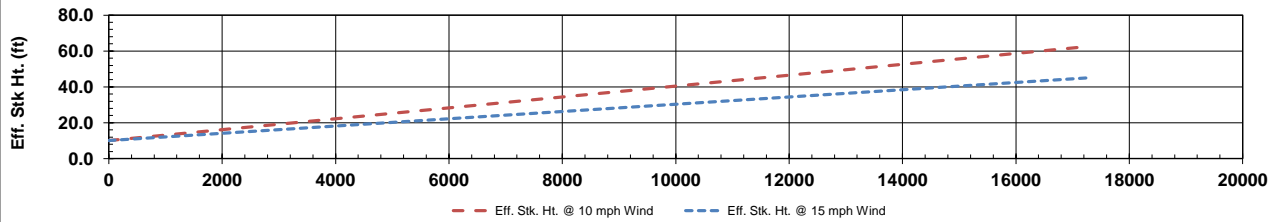
Model #: Tri-Stack™ Series M M42C30N15016

Density: 0.075 lbs./cu. ft.

Windband Area: 9.63 ft<sup>2</sup>

Speed: 1170 rpm

Outlet Area: 2.80 ft<sup>2</sup>



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	
1170	0.00	88	91	93	92	91	88	86	74	96
1170	1.00	88	92	92	91	90	87	83	72	95
1170	2.00	89	91	91	90	89	85	81	71	93
1170	3.00	90	91	91	90	89	84	78	70	93

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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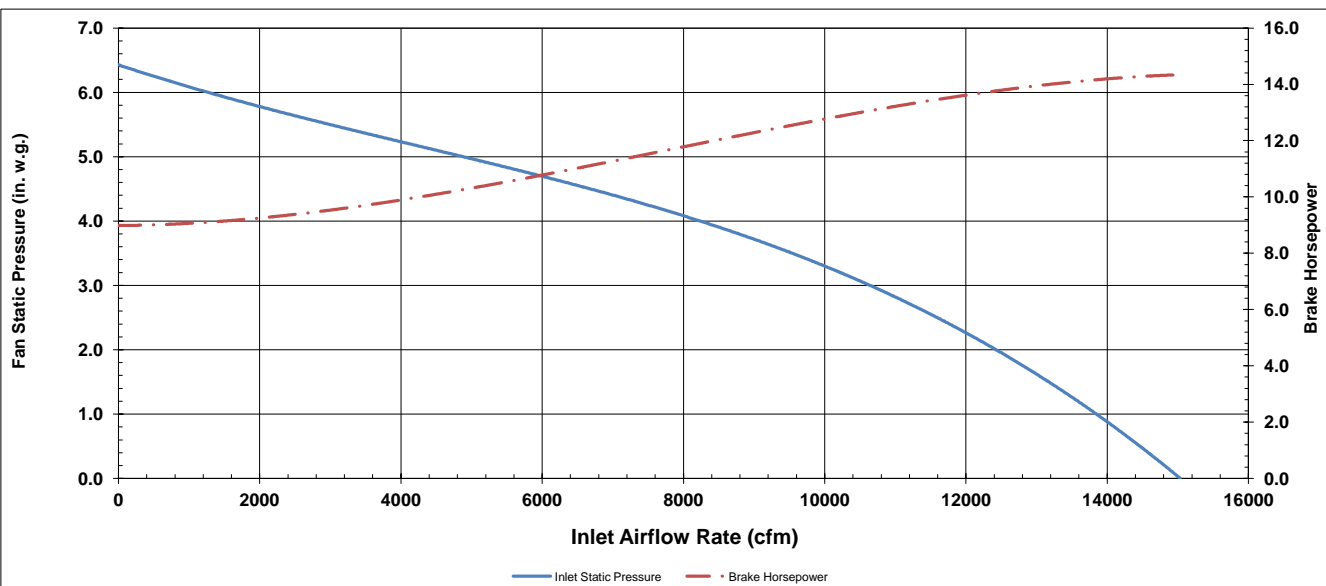
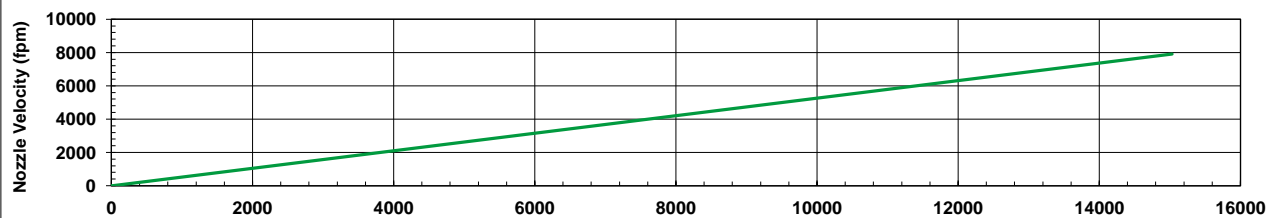
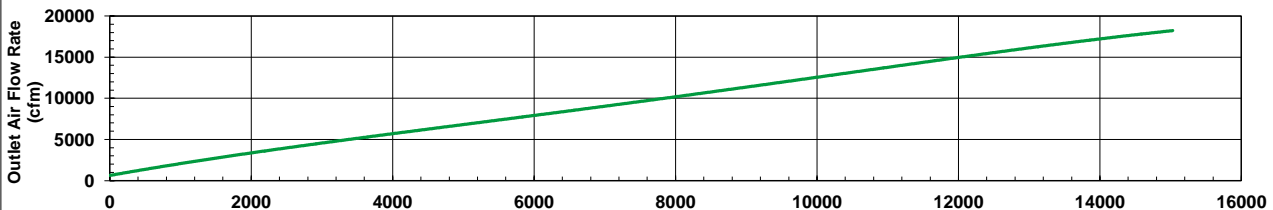
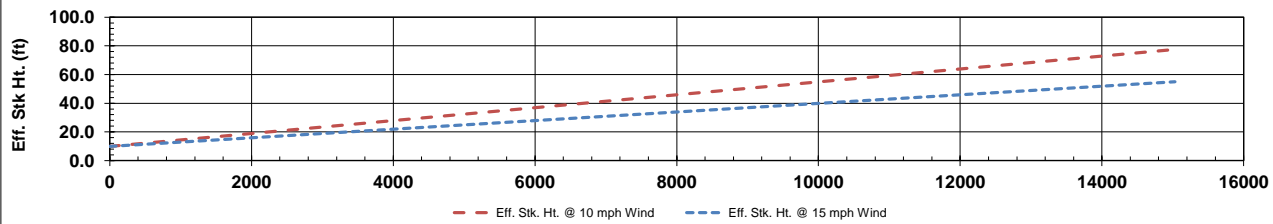
Model #: Tri-Stack™ Series M M42C20N15016

Density: 0.075 lbs./cu. ft.

Windband Area: 9.63 ft<sup>2</sup>

Speed: 1170 rpm

Outlet Area: 1.90 ft<sup>2</sup>



#### 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	
1170	0.00	91	91	91	90	89	86	81	72	93
1170	1.00	94	92	91	90	88	85	79	71	93
1170	2.00	91	92	91	90	88	84	77	70	92
1170	3.00	93	94	92	91	89	84	77	70	93

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 Lw 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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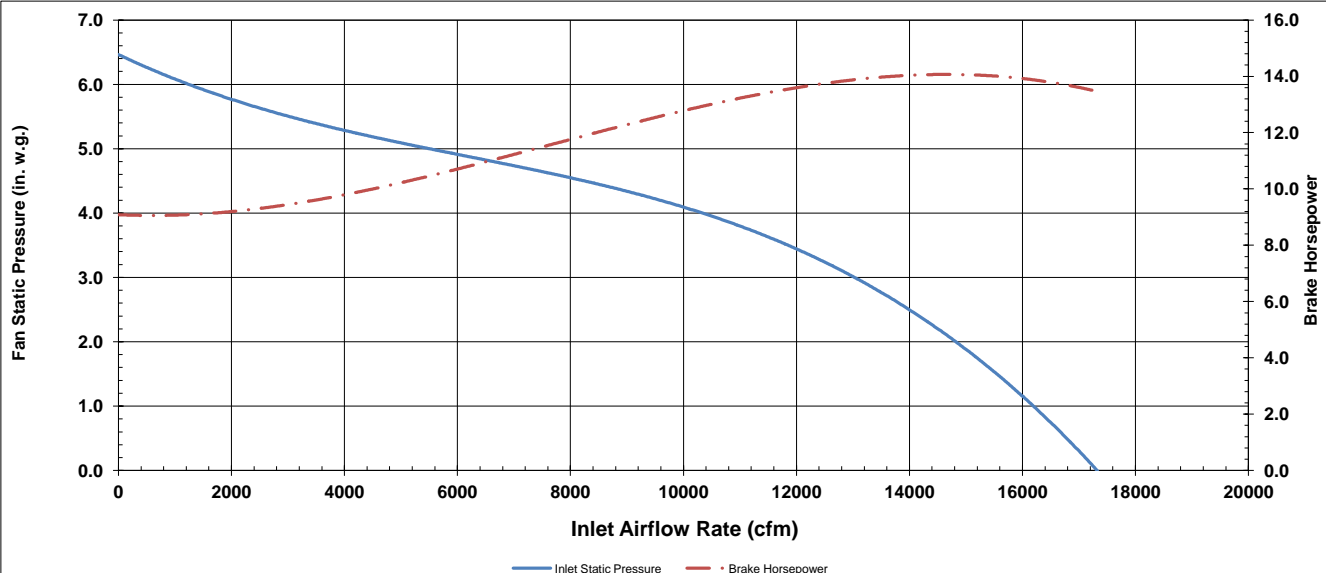
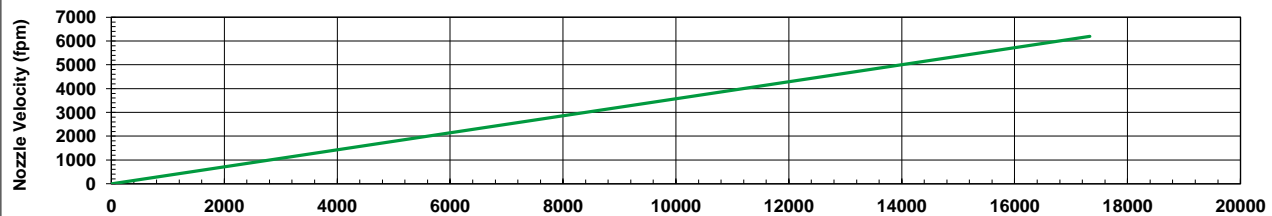
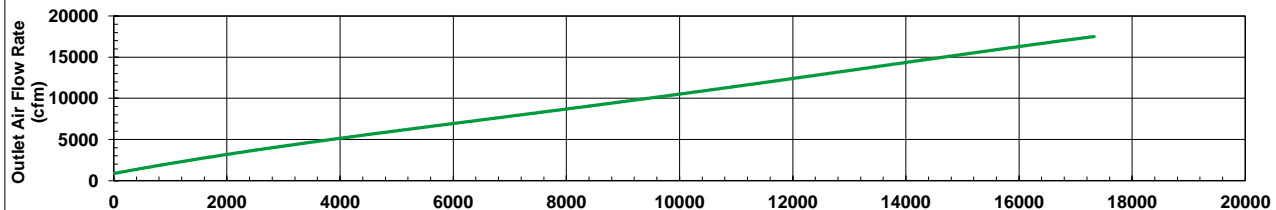
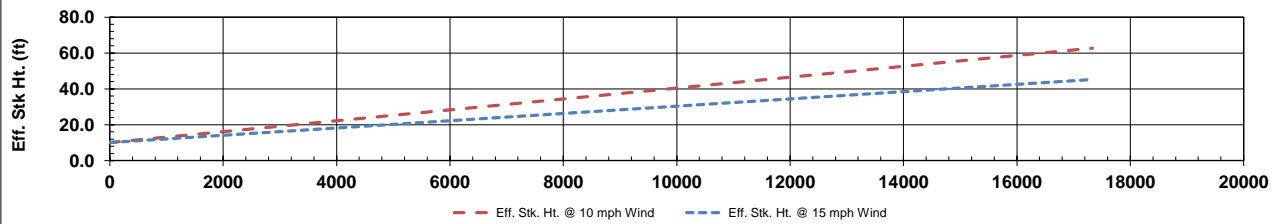
Model #: Tri-Stack™ Series M M42C30S15016

Density: 0.075 lbs./cu. ft.

Windband Area: 11.8 ft<sup>2</sup>

Speed: 1170 rpm

Outlet Area: 2.80 ft<sup>2</sup>



#### 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	
1170	0.00	93	90	89	84	79	77	79	73	87
1170	1.00	90	90	88	83	79	76	77	72	86
1170	2.00	90	89	87	82	78	75	75	71	85
1170	3.00	91	89	87	82	77	74	73	70	84

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 Lw 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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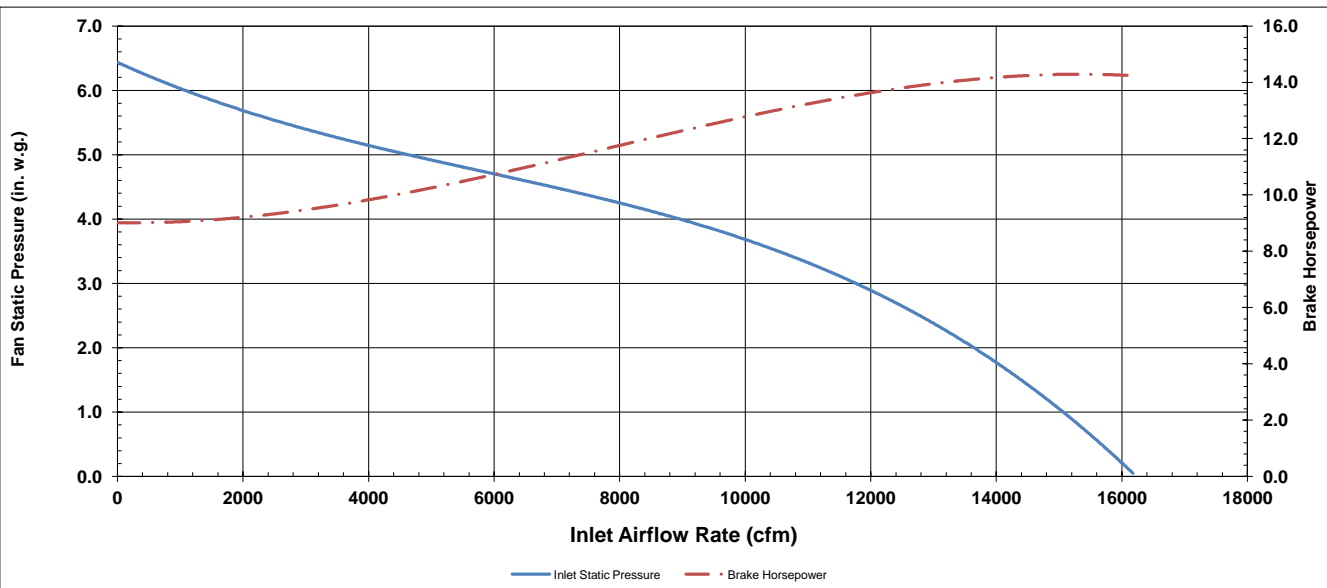
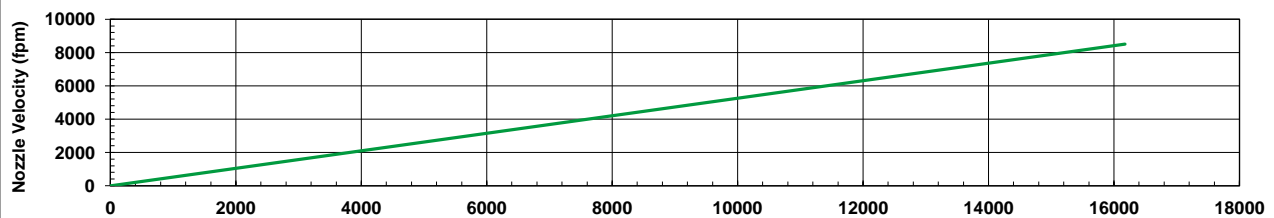
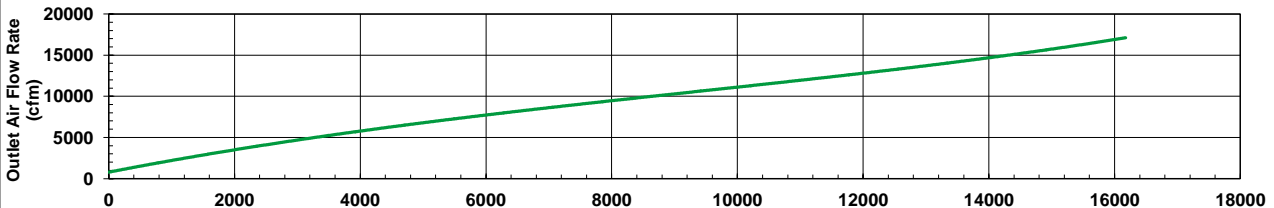
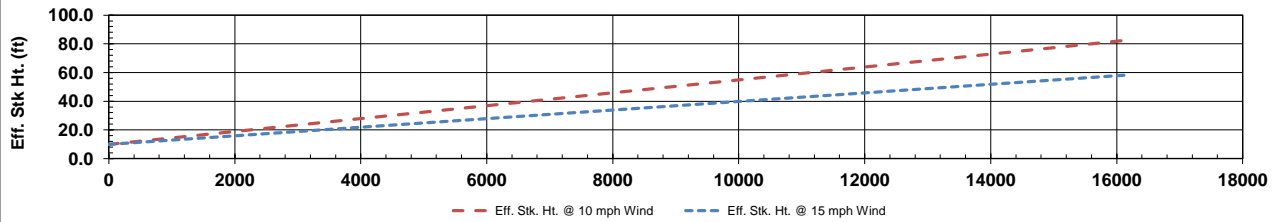
Model #: Tri-Stack™ Series M M42C20S15016

Density: 0.075 lbs./cu. ft.

Windband Area: 11.8 ft<sup>2</sup>

Speed: 1170 rpm

Outlet Area: 1.90 ft<sup>2</sup>



#### 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	
1170	0.00	88	87	87	84	81	78	78	74	87
1170	1.00	91	88	87	83	80	76	77	73	86
1170	2.00	90	88	87	83	79	75	75	71	85
1170	3.00	91	89	88	82	78	74	74	70	85

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 Lw 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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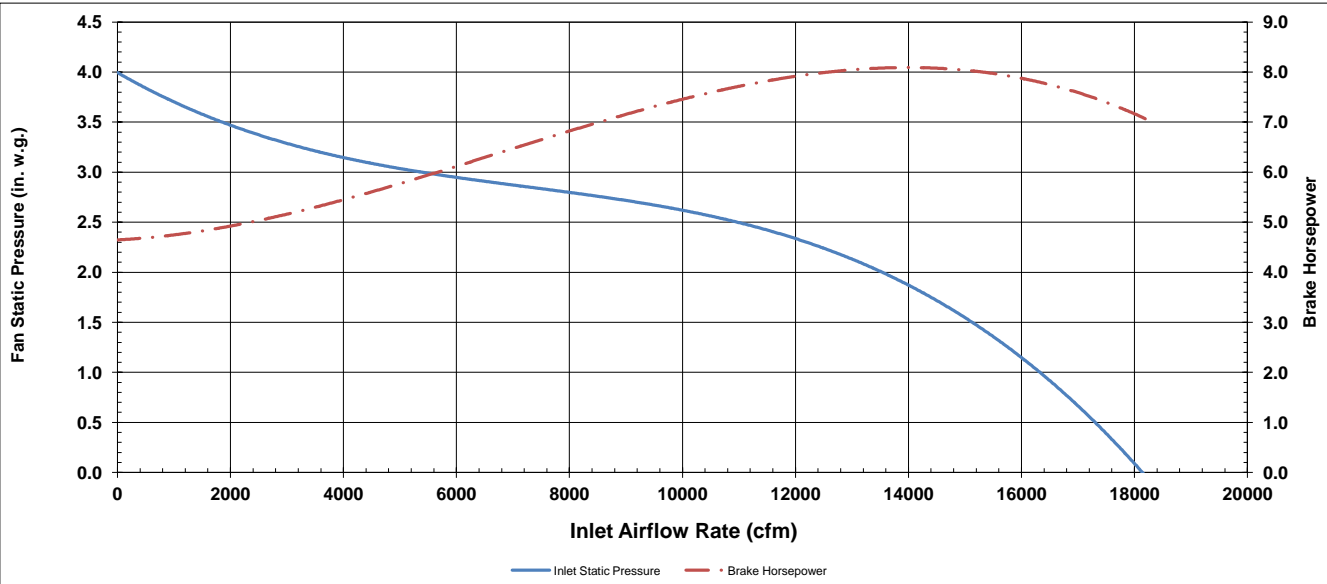
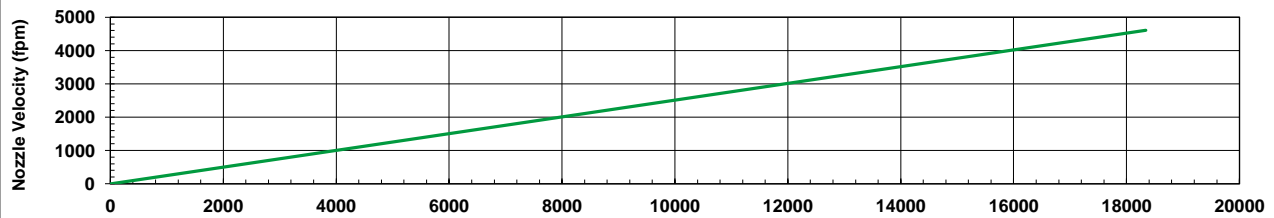
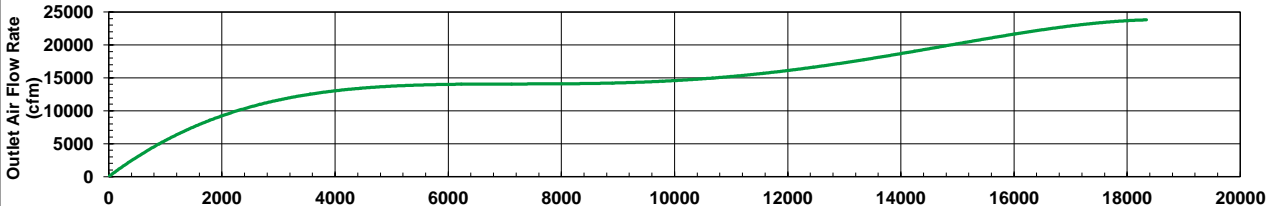
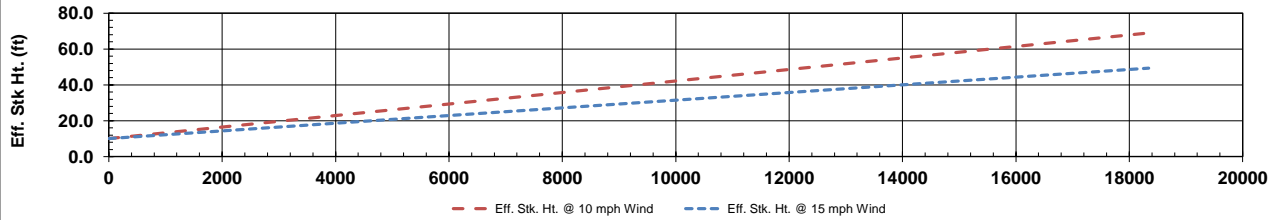
Model #: Tri-Stack™ Series M M48B40N100I8

Density: 0.075 lbs./cu. ft.

Windband Area: 11.05 ft<sup>2</sup>

Speed: 875 rpm

Outlet Area: 3.98 ft<sup>2</sup>



#### 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	
875	0.50	84	89	89	88	87	85	82	73	95
875	1.00	83	89	87	87	86	84	80	71	94
875	1.50	83	87	86	86	85	82	78	69	93
875	2.00	85	85	86	85	85	81	76	69	93

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 Lw 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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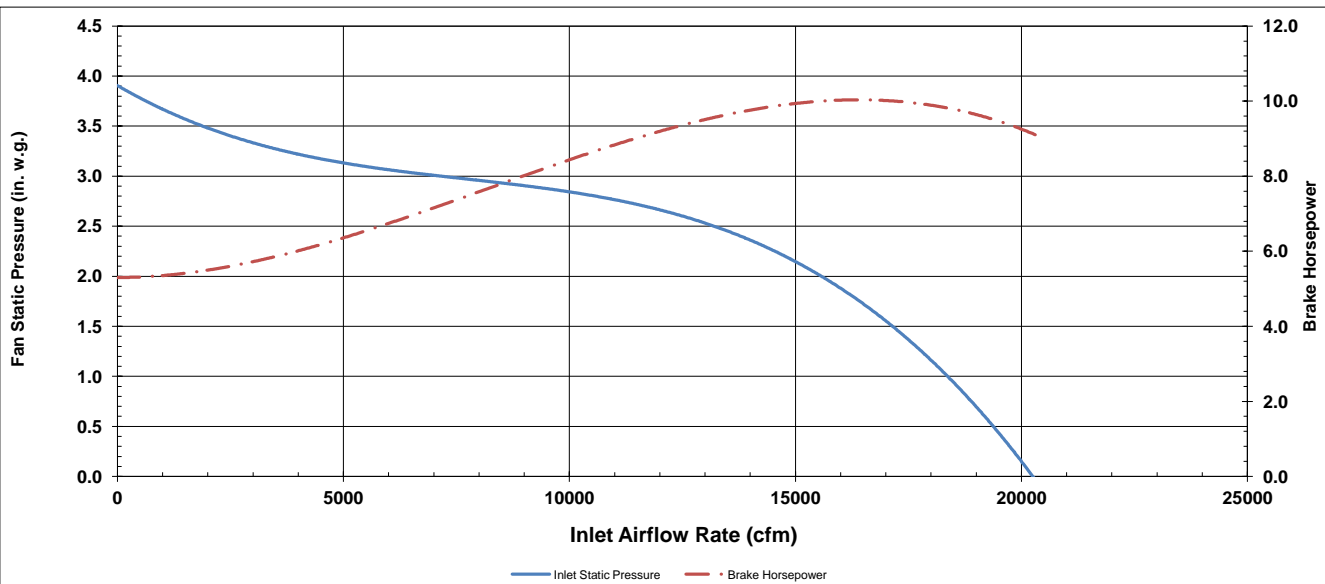
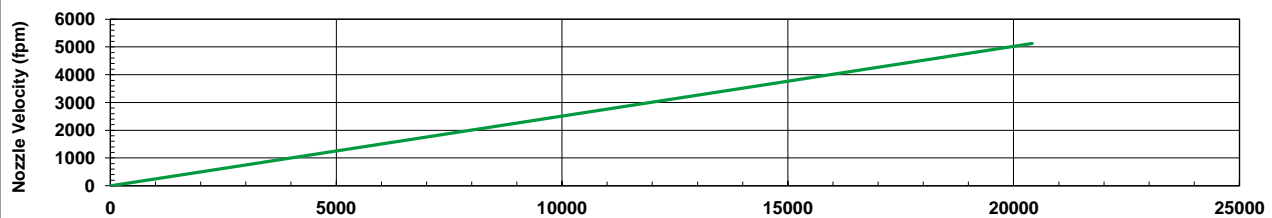
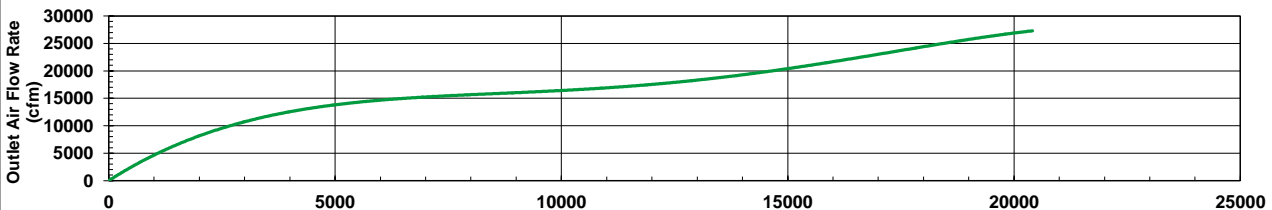
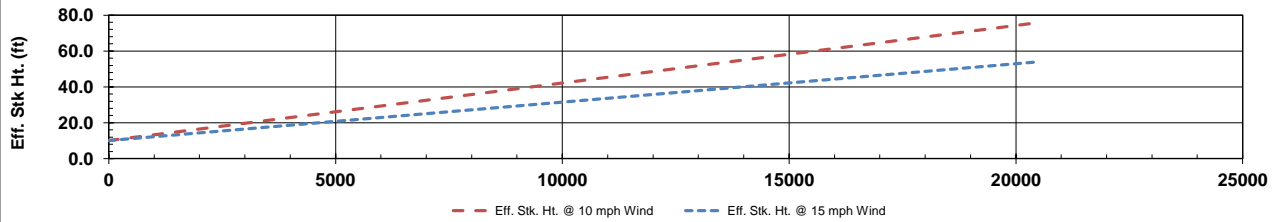
Model #: Tri-Stack™ Series M M48C40N10018

Density: 0.075 lbs./cu. ft.

Windband Area: 11.05 ft<sup>2</sup>

Speed: 875 rpm

Outlet Area: 3.98 ft<sup>2</sup>



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	
875	0.50	86	93	90	89	88	86	84	74	98
875	1.00	85	91	89	88	87	85	82	72	96
875	1.50	84	90	87	87	86	84	80	71	95
875	2.00	86	91	88	86	86	83	78	71	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 Lw 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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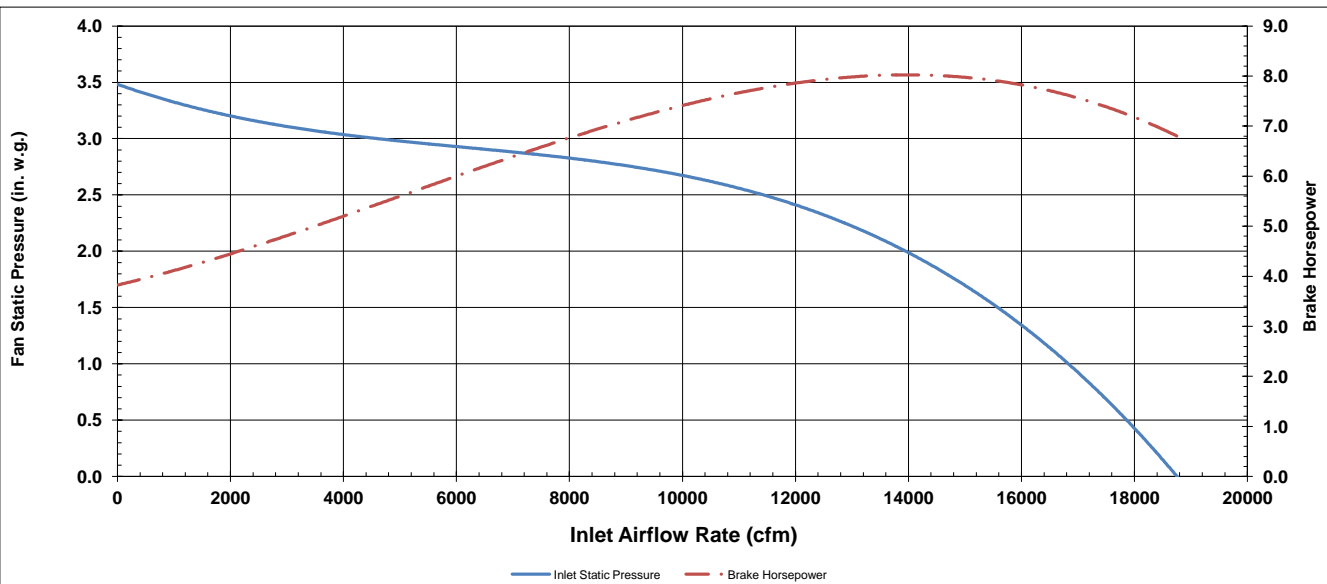
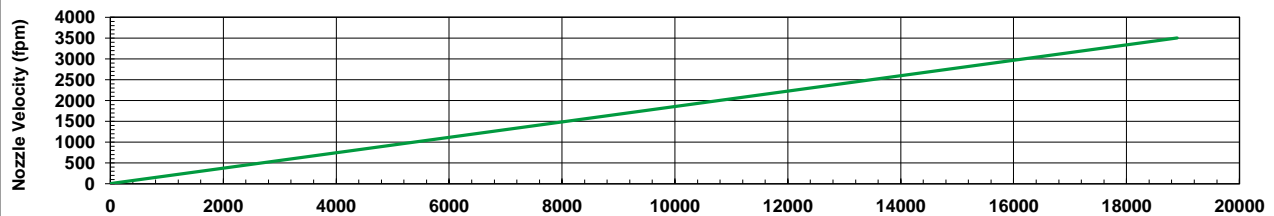
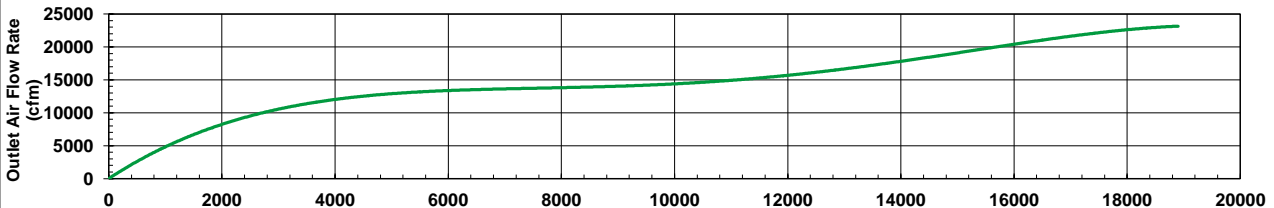
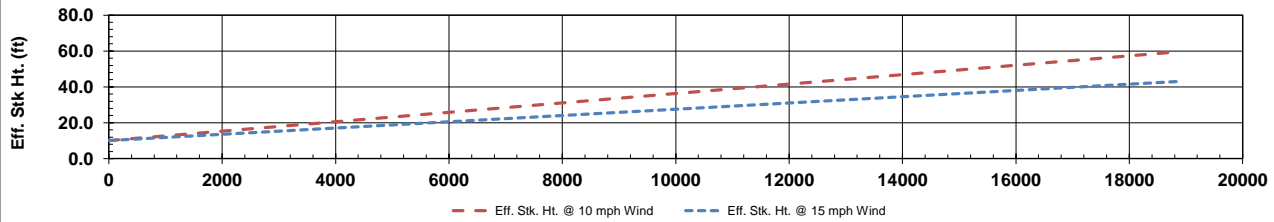
Model #: Tri-Stack™ Series M M48B55S100I8

Density: 0.075 lbs./cu. ft.

Windband Area: 13.64 ft<sup>2</sup>

Speed: 875 rpm

Outlet Area: 5.40 ft<sup>2</sup>



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	
875	0.50	83	86	80	77	74	73	72	66	89
875	1.00	82	83	78	76	74	72	70	64	87
875	1.50	84	80	75	75	73	69	67	61	87
875	2.00	71	71	72	72	74	74	71	69	81

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 Lw 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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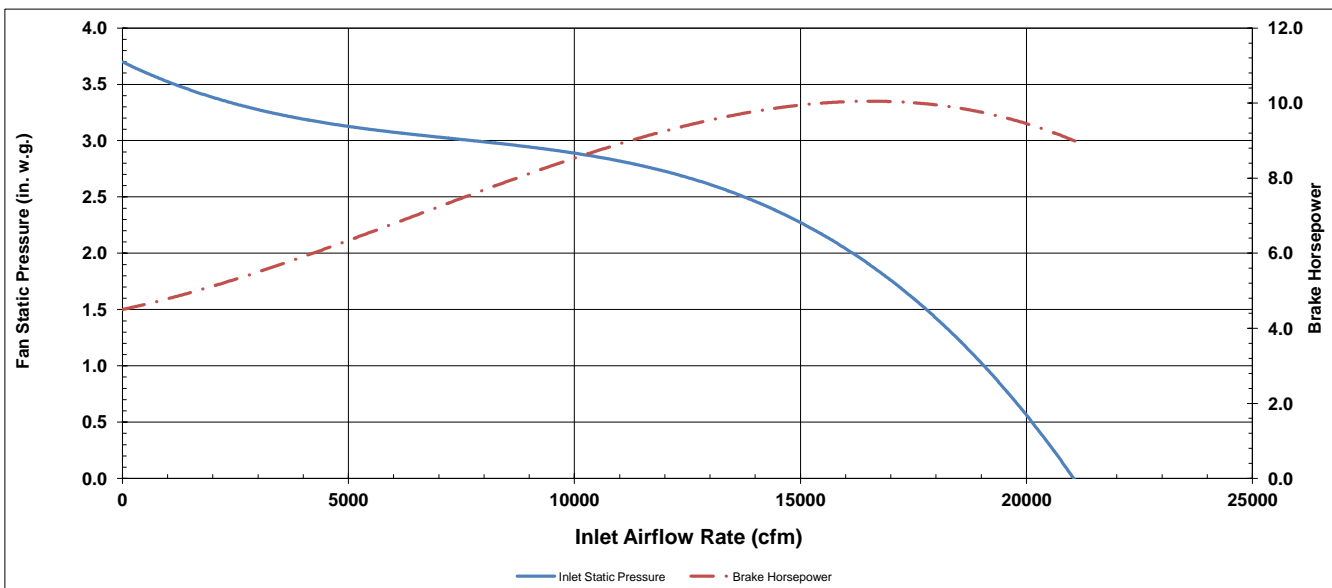
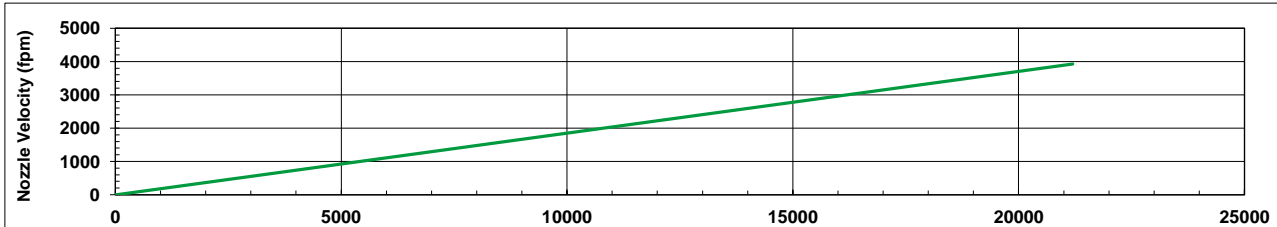
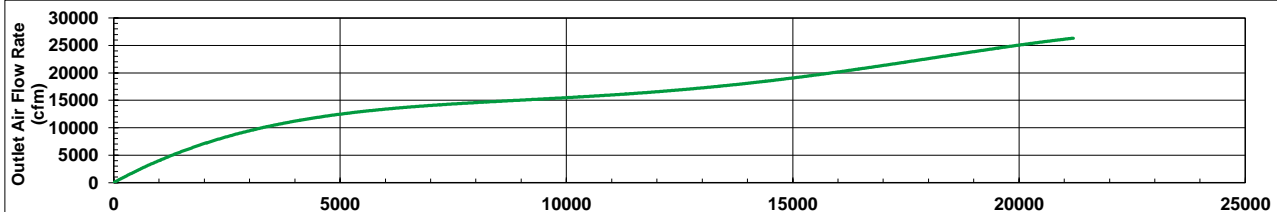
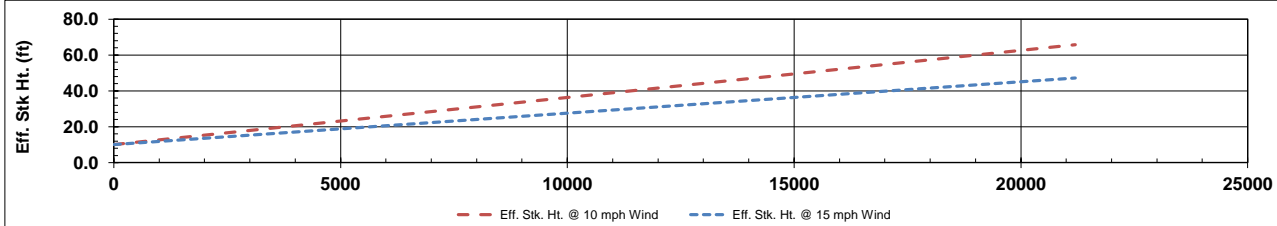
Model #: Tri-Stack™ Series M M48C55S10018

Density: 0.075 lbs./cu. ft.

Windband Area: 13.64 ft<sup>2</sup>

Speed: 875 rpm

Outlet Area: 5.40 ft<sup>2</sup>



#### 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	
875	0.50	80	84	80	75	73	74	73	67	87
875	1.00	79	82	78	74	72	72	72	66	86
875	1.50	78	82	77	72	71	71	70	65	85
875	2.00	80	80	76	72	70	70	68	63	84

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 Lw 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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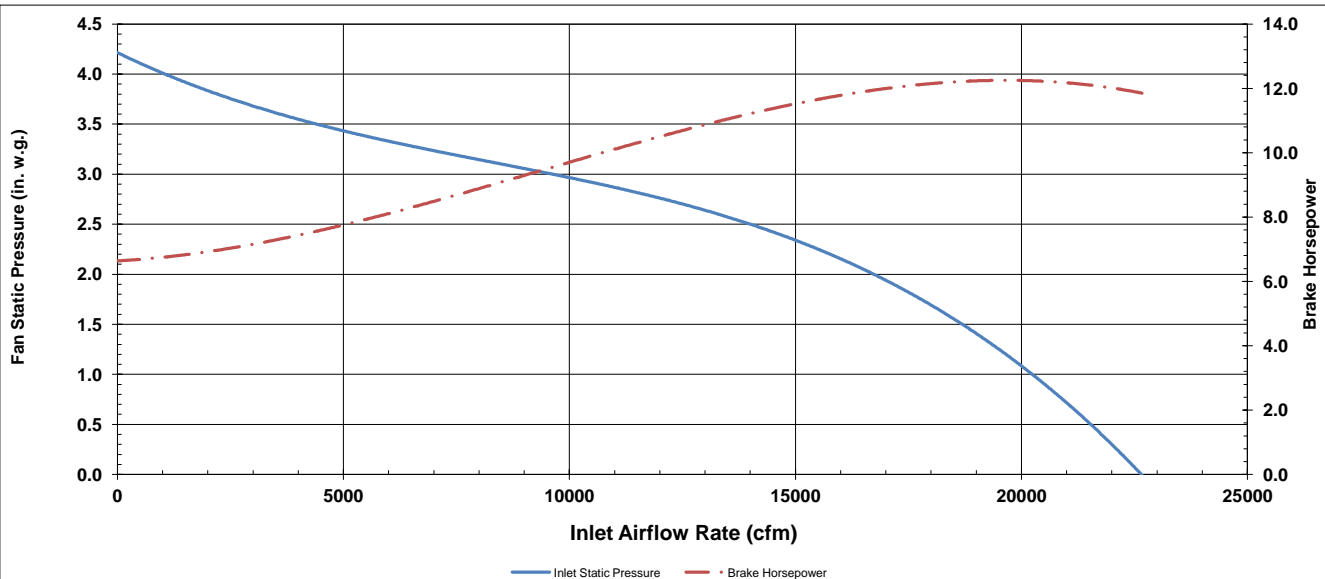
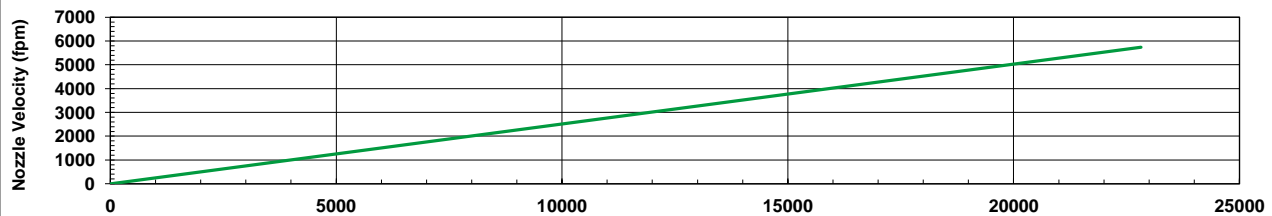
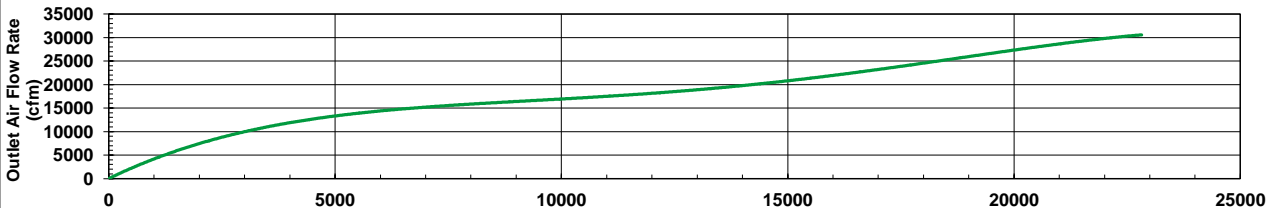
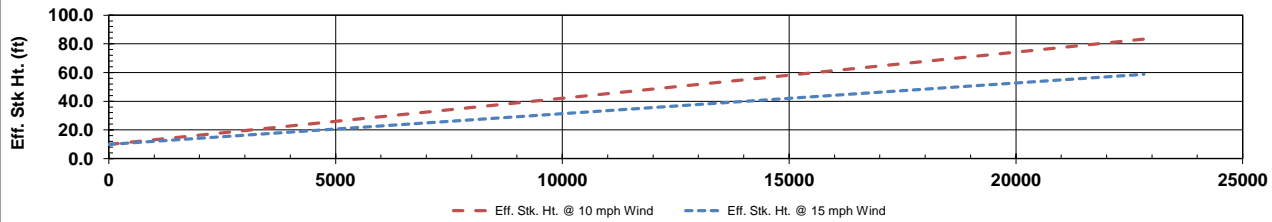
Model #: Tri-Stack™ Series M M48D40N15018

Density: 0.075 lbs./cu. ft.

Windband Area: 11.05 ft<sup>2</sup>

Speed: 875 rpm

Outlet Area: 3.98 ft<sup>2</sup>



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	
875	0.50	87	96	92	91	91	91	92	76	101
875	1.00	86	96	92	90	90	89	87	74	100
875	1.75	88	95	91	90	89	86	80	72	99
875	2.25	93	92	91	90	89	85	78	72	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 Lw 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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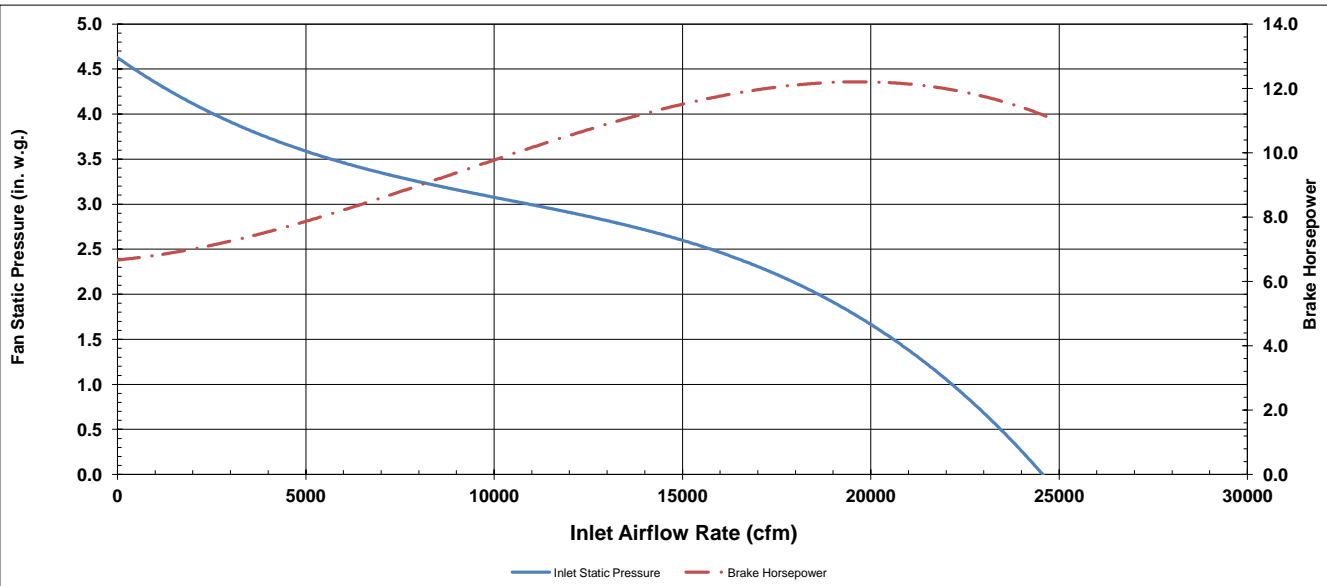
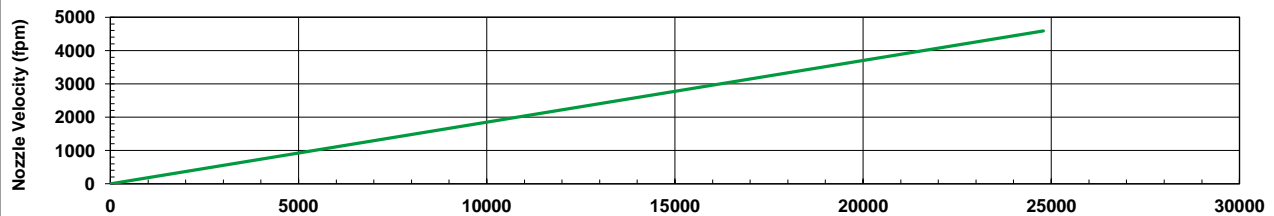
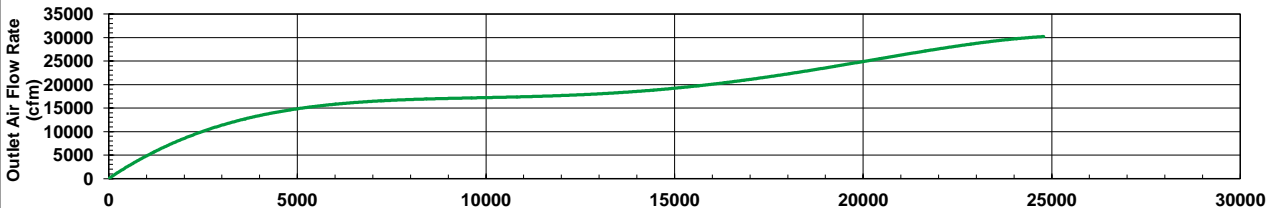
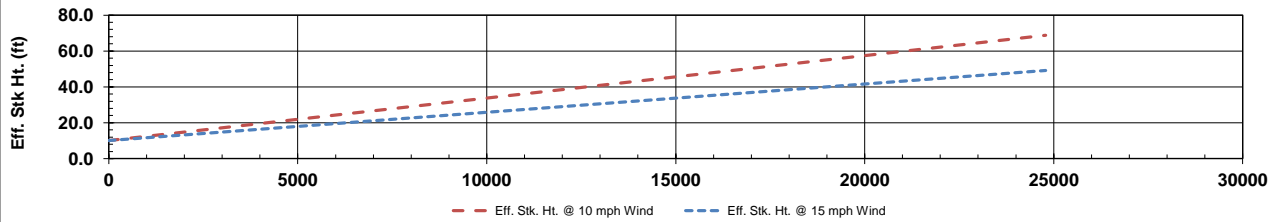
Model #: Tri-Stack™ Series M M48D55N15018

Density: 0.075 lbs./cu. ft.

Windband Area: 11.05 ft<sup>2</sup>

Speed: 875 rpm

Outlet Area: 5.40 ft<sup>2</sup>



#### 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	
875	0.50	88	98	94	93	93	92	95	80	103
875	1.00	88	99	94	92	92	91	93	78	102
875	1.75	89	96	92	91	91	88	85	75	100
875	2.25	91	92	91	90	90	86	80	73	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 Lw 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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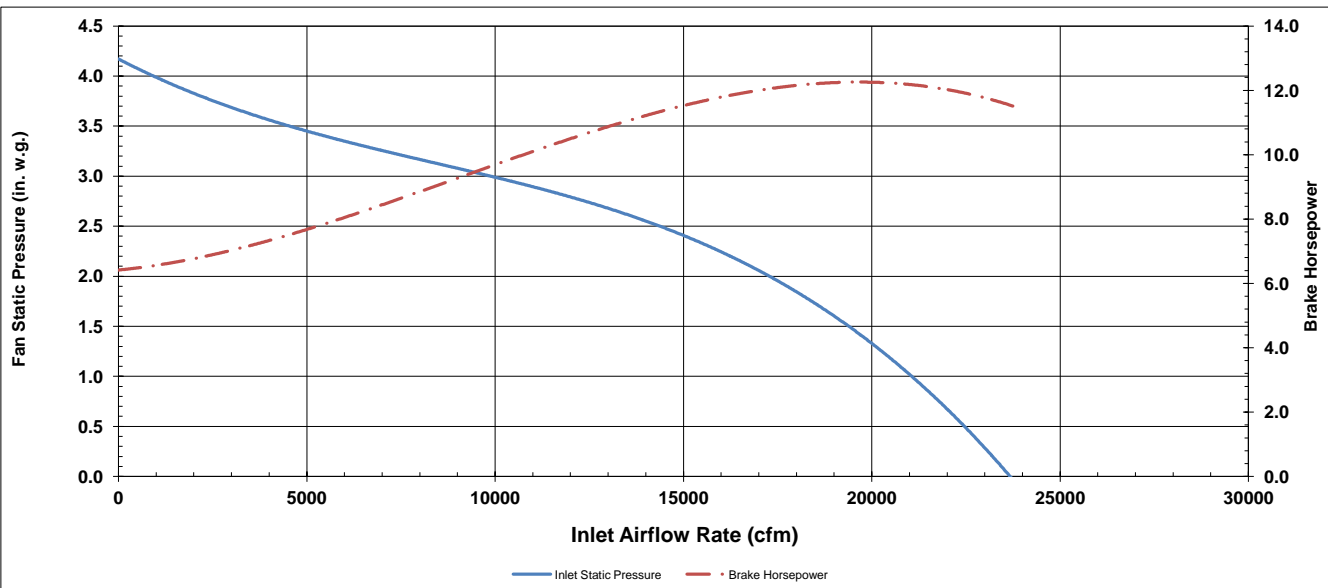
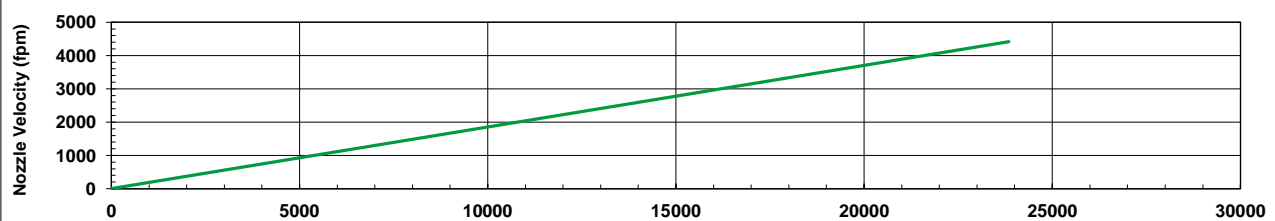
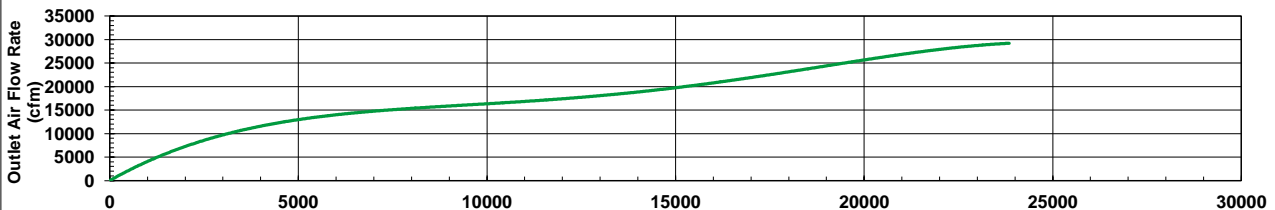
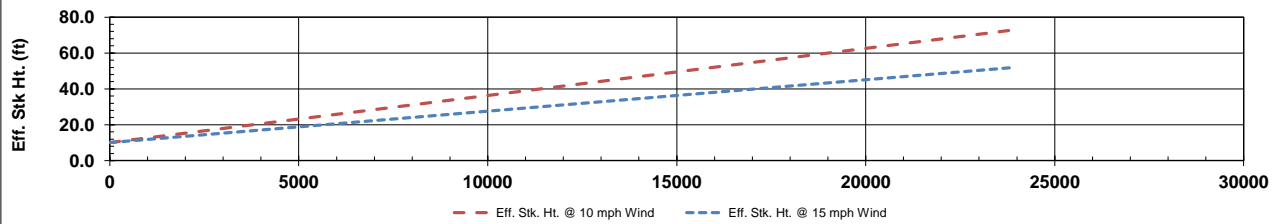
Model #: Tri-Stack™ Series M M48D55S15018

Density: 0.075 lbs./cu. ft.

Windband Area: 13.64 ft<sup>2</sup>

Speed: 875 rpm

Outlet Area: 5.40 ft<sup>2</sup>



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	
875	0.50	84	87	82	77	78	76	79	71	91
875	1.00	83	88	83	77	78	74	76	69	91
875	1.75	84	84	80	76	77	72	70	67	88
875	2.25	88	83	79	75	77	70	68	66	90

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 Lw 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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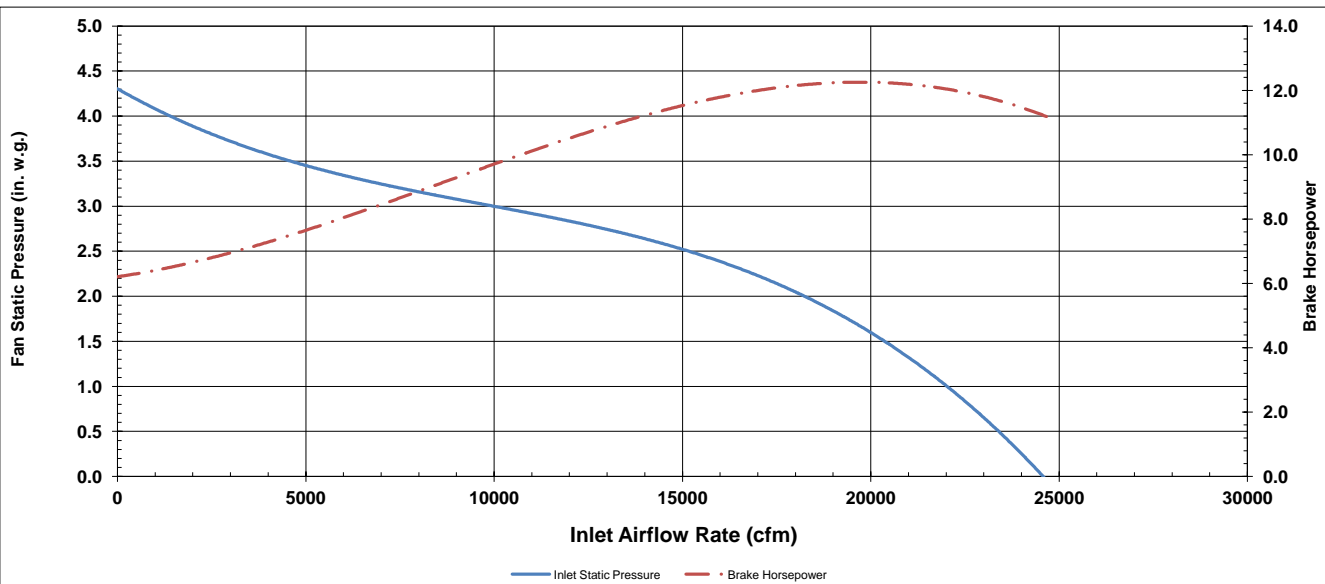
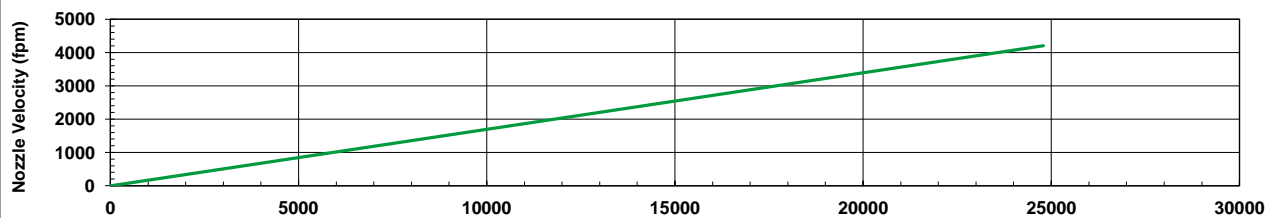
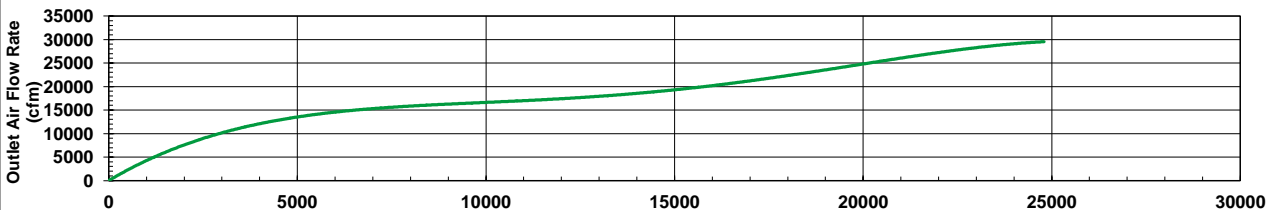
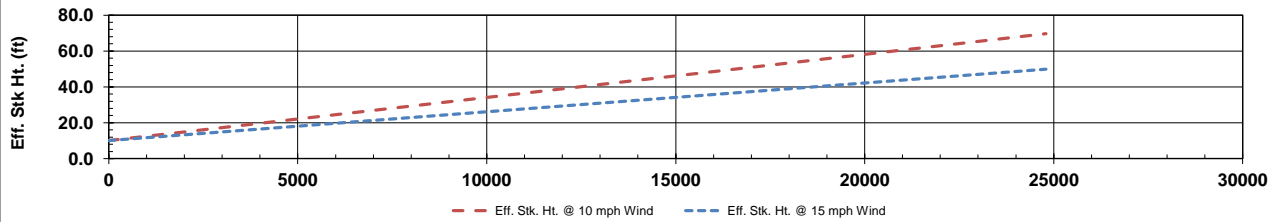
Model #: Tri-Stack™ Series M M48D60S15018

Density: 0.075 lbs./cu. ft.

Windband Area: 13.64 ft<sup>2</sup>

Speed: 875 rpm

Outlet Area: 5.90 ft<sup>2</sup>



#### 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	
875	0.50	83	86	82	78	78	75	82	72	90
875	1.00	82	86	81	77	78	75	79	70	90
875	1.75	82	83	79	76	77	71	72	68	88
875	2.25	86	82	78	75	76	69	69	66	89

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 Lw 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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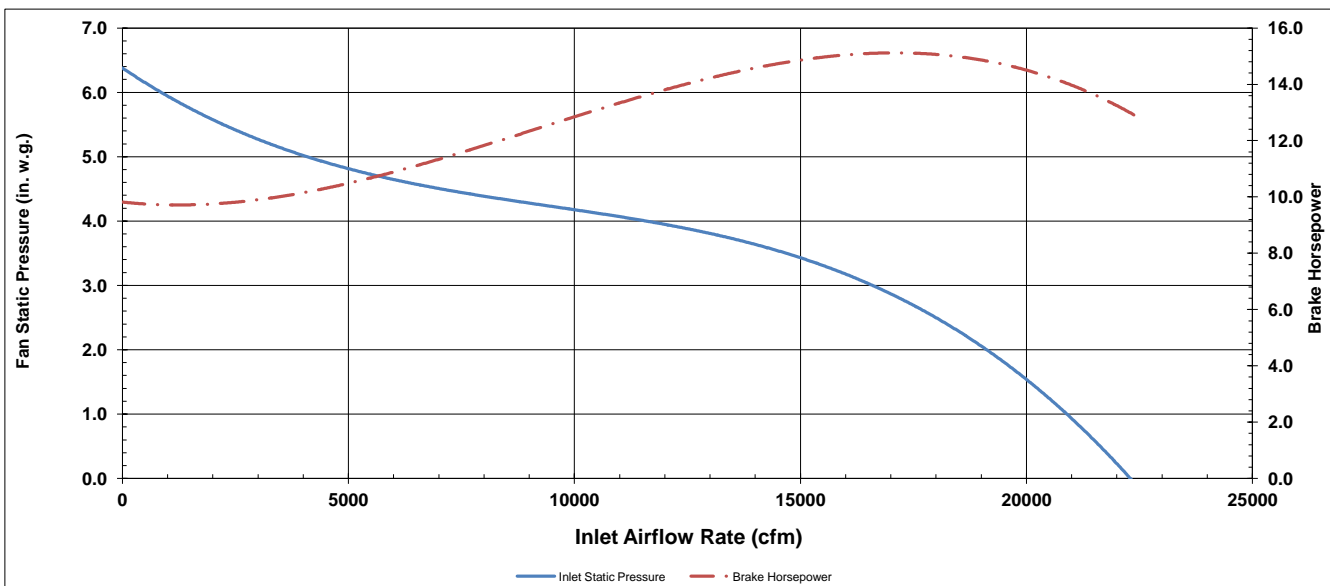
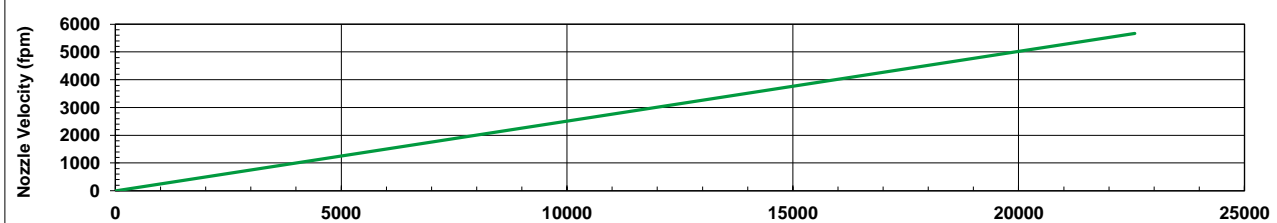
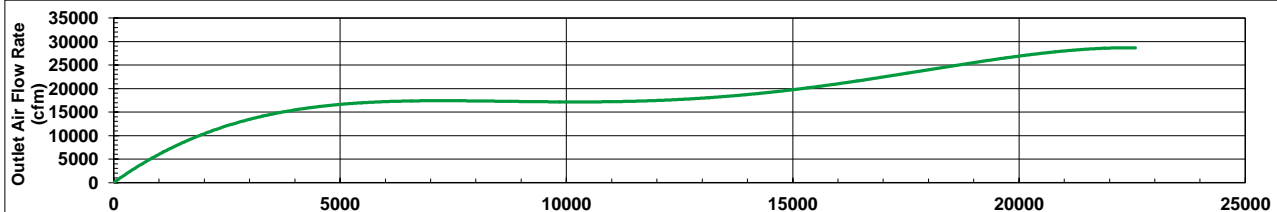
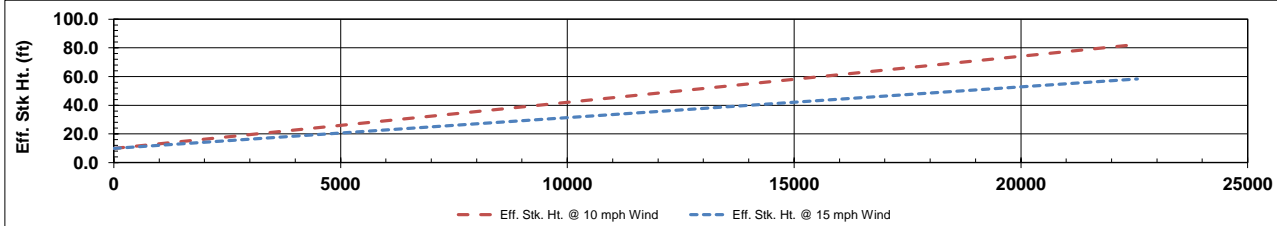
Model #: Tri-Stack™ Series M M48A40N15016

Density: 0.075 lbs./cu. ft.

Windband Area: 11.05 ft<sup>2</sup>

Speed: 1170 rpm

Outlet Area: 3.98 ft<sup>2</sup>



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	
1170	1.00	86	90	90	90	90	89	85	76	97
1170	2.00	85	89	89	90	89	87	82	74	96
1170	3.00	86	88	88	89	89	86	81	74	96
1170	4.00	93	90	91	91	89	86	81	74	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.

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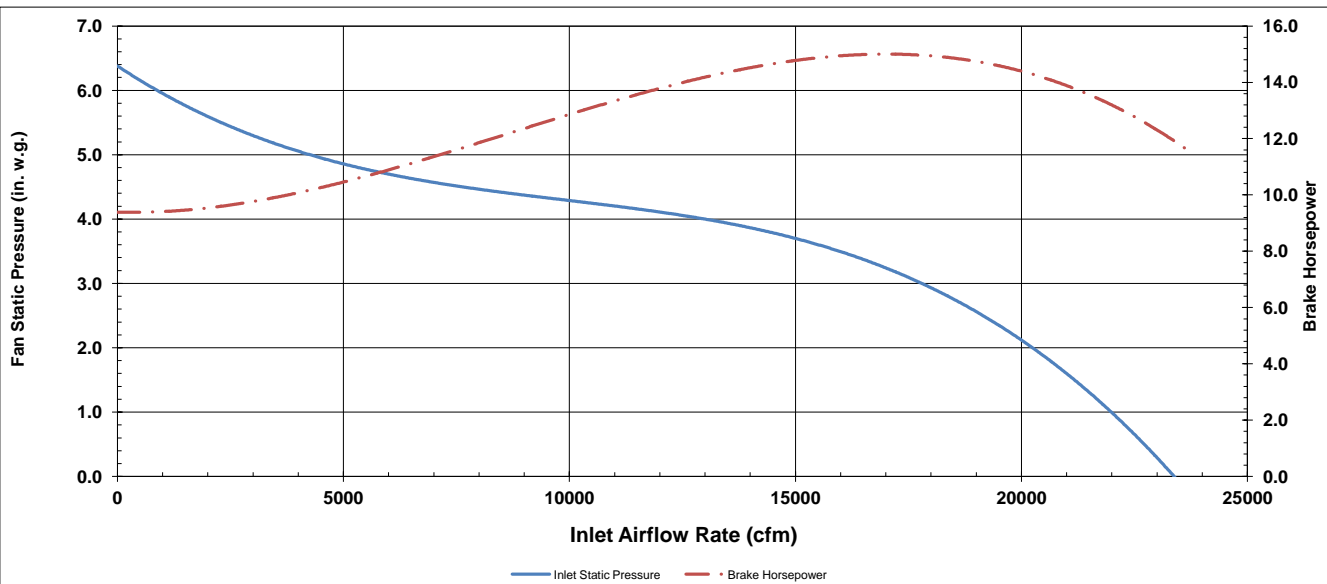
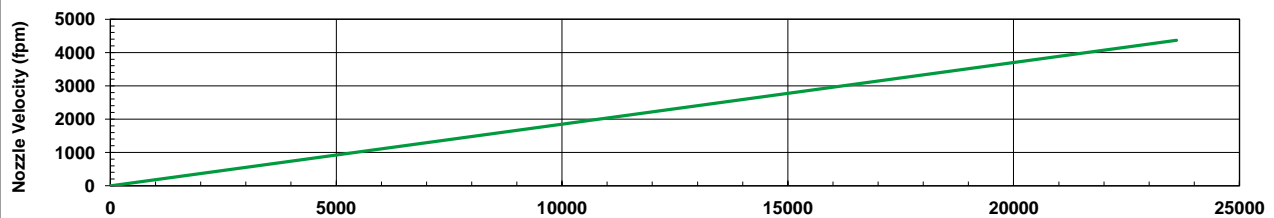
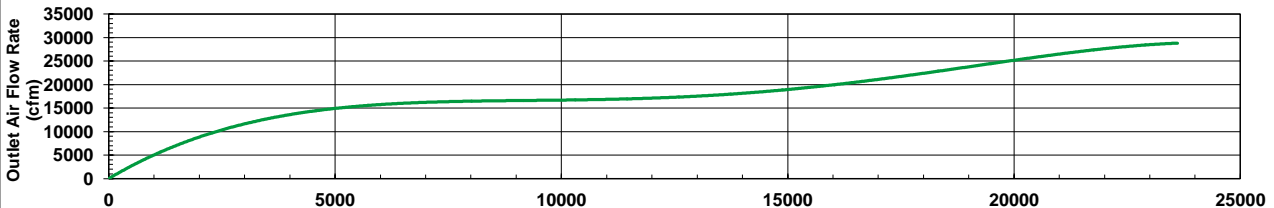
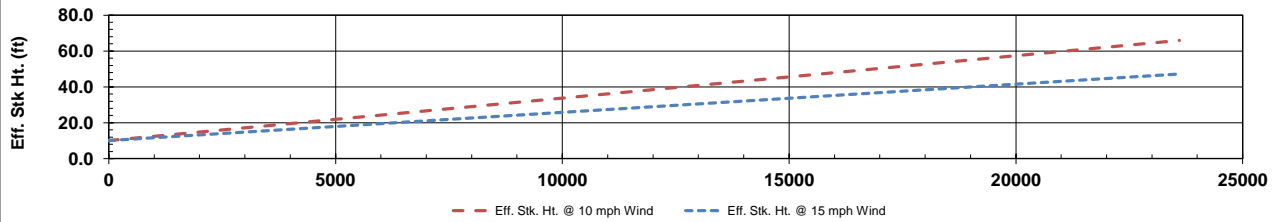
Model #: Tri-Stack™ Series M M48A55N15016

Density: 0.075 lbs./cu. ft.

Windband Area: 11.05 ft<sup>2</sup>

Speed: 1170 rpm

Outlet Area: 5.40 ft<sup>2</sup>



#### 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	
1170	1.00	90	96	94	93	92	90	87	77	101
1170	2.00	88	94	92	91	91	88	83	74	99
1170	3.00	88	93	91	90	90	86	81	73	98
1170	4.00	94	93	91	90	89	85	80	72	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 Lw 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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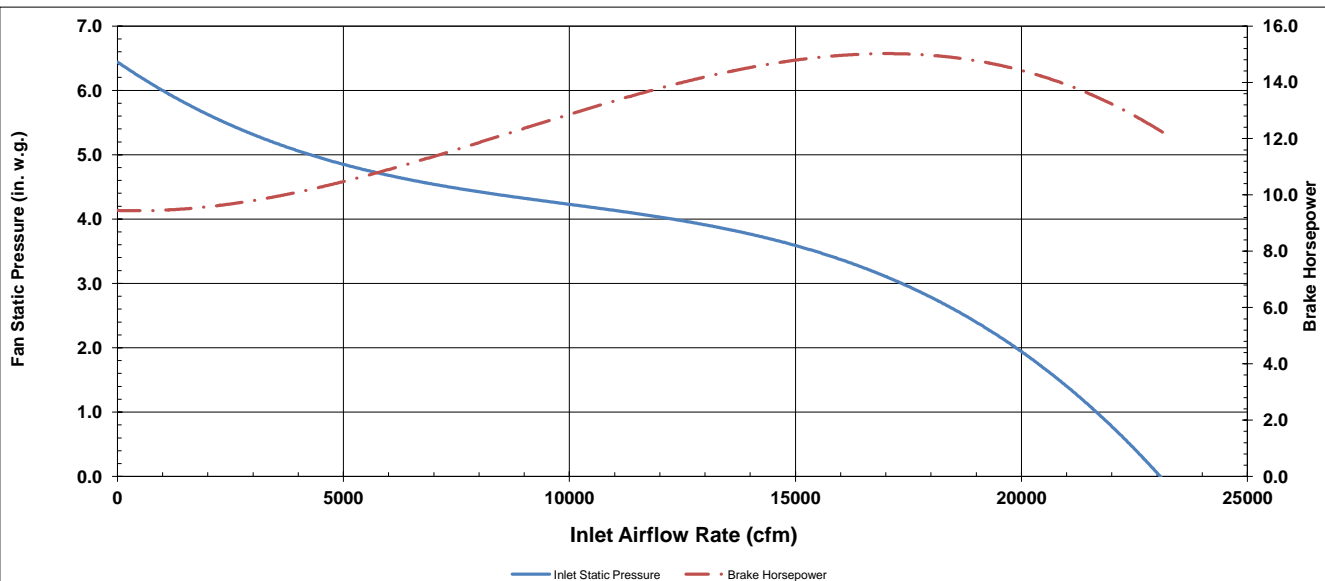
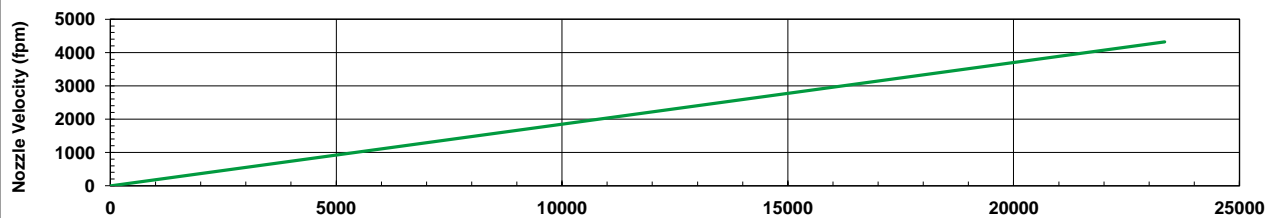
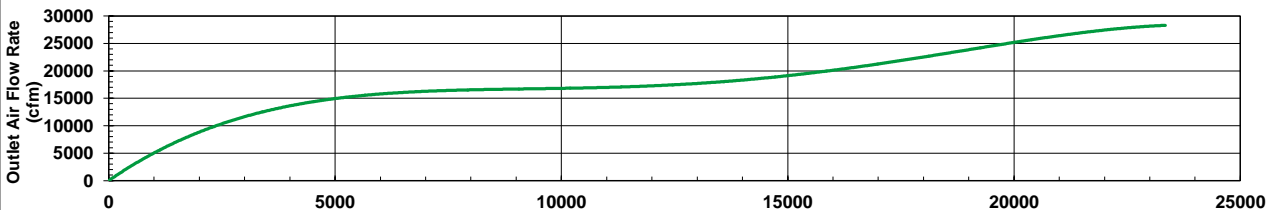
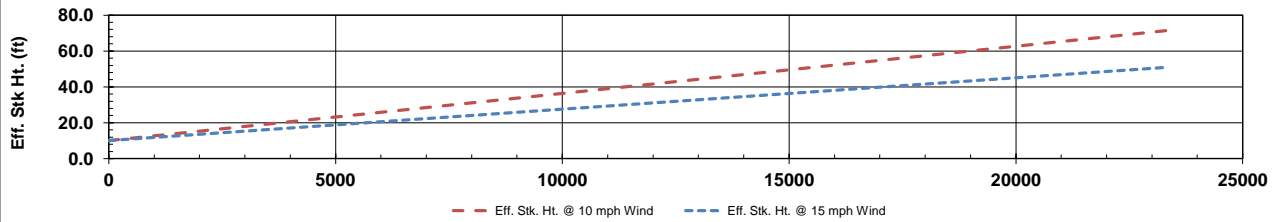
Model #: Tri-Stack™ Series M M48A55S15016

Density: 0.075 lbs./cu. ft.

Windband Area: 13.64 ft<sup>2</sup>

Speed: 1170 rpm

Outlet Area: 5.40 ft<sup>2</sup>



#### 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	
1170	1.00	83	85	81	79	76	76	75	68	90
1170	2.00	82	83	79	79	77	75	73	67	88
1170	3.00	82	82	78	79	77	73	72	66	87
1170	4.00	88	83	79	79	77	73	72	65	90

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 Lw 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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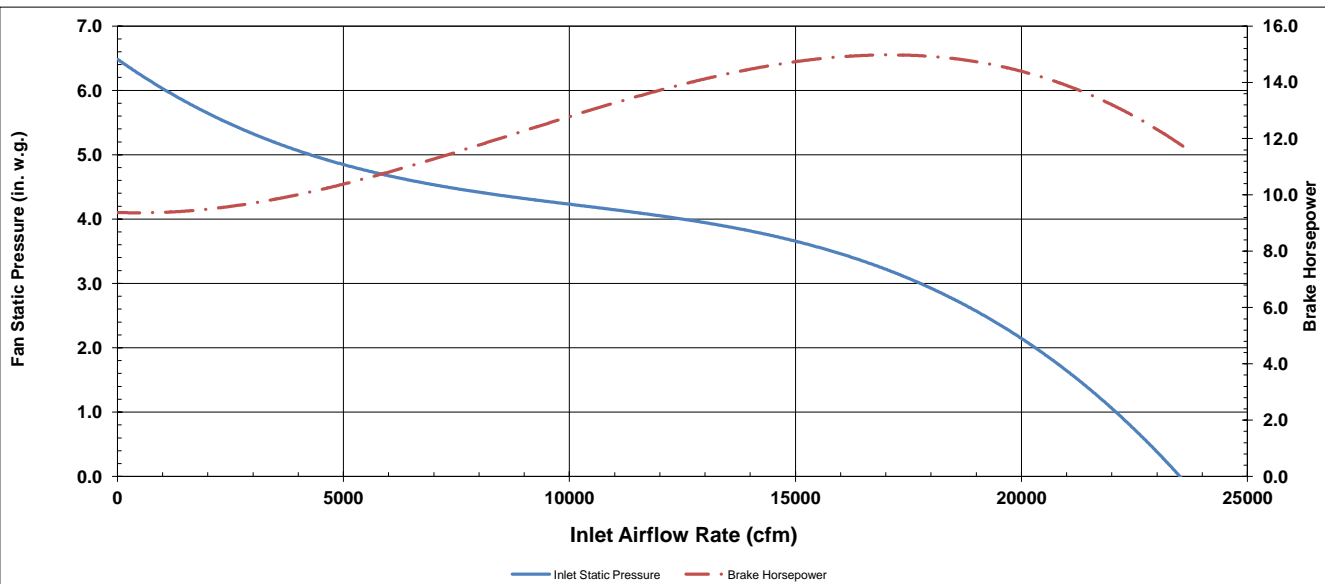
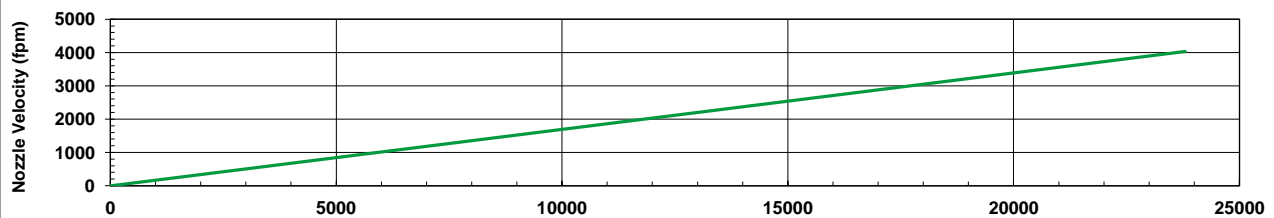
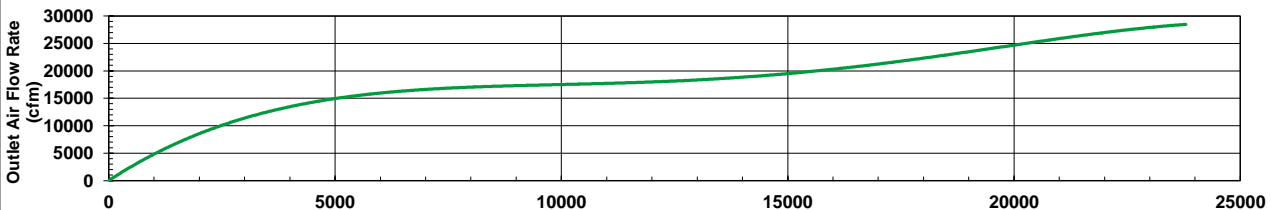
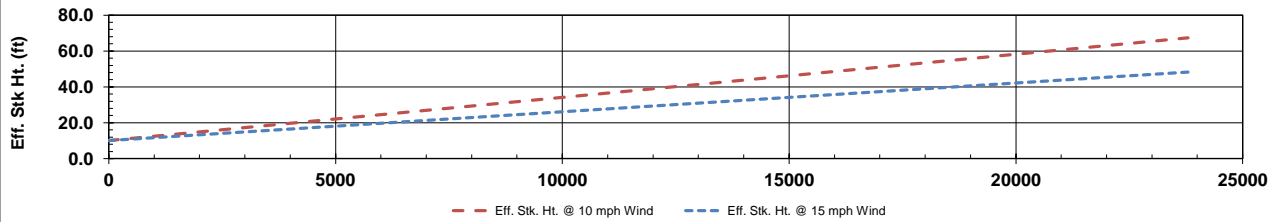
Model #: Tri-Stack™ Series M M48A60S15016

Density: 0.075 lbs./cu. ft.

Windband Area: 13.64 ft<sup>2</sup>

Speed: 1170 rpm

Outlet Area: 5.90 ft<sup>2</sup>



#### 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	
1170	1.00	84	87	83	78	76	74	76	71	91
1170	2.00	81	85	85	80	72	70	62	53	90
1170	3.00	81	85	80	80	77	72	72	67	89
1170	4.00	86	82	79	80	78	70	70	65	89

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 Lw 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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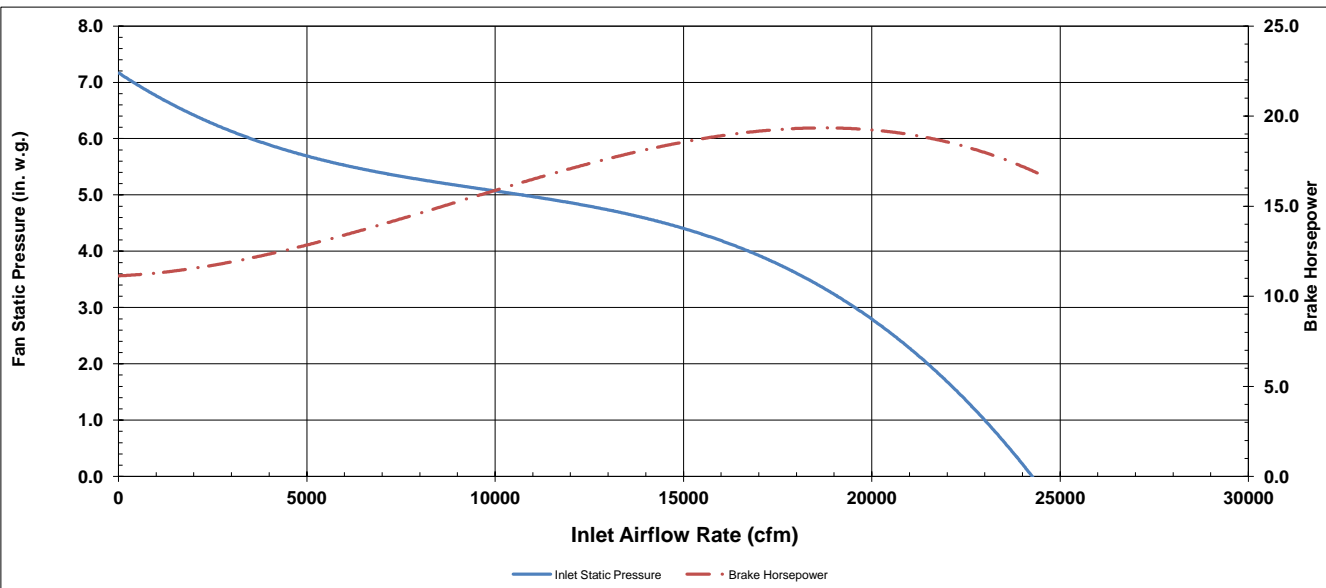
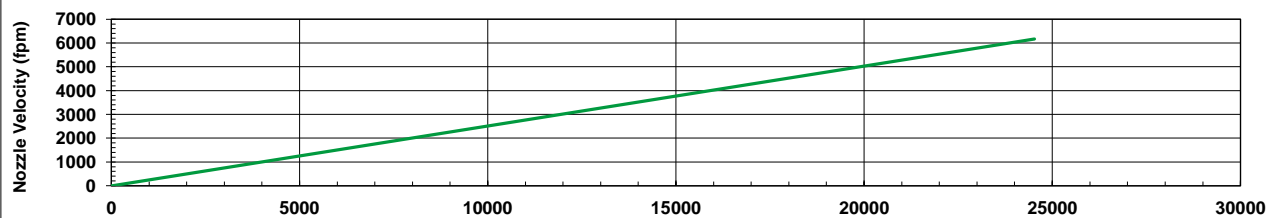
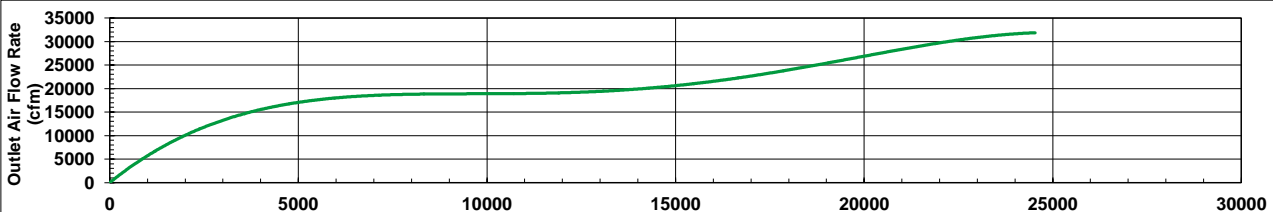
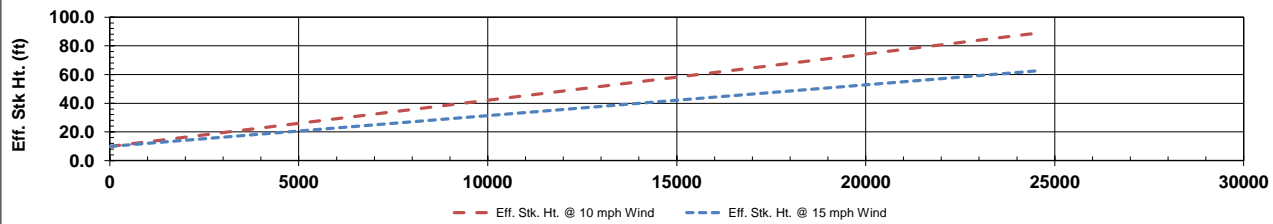
Model #: Tri-Stack™ Series M M48B40N20016

Density: 0.075 lbs./cu. ft.

Windband Area: 11.05 ft<sup>2</sup>

Speed: 1170 rpm

Outlet Area: 3.98 ft<sup>2</sup>



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	
1170	1.00	90	96	95	94	94	92	88	79	102
1170	2.00	89	95	94	93	92	90	86	77	101
1170	3.00	89	94	92	92	91	89	84	76	99
1170	4.00	91	92	92	92	91	87	82	75	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 Lw 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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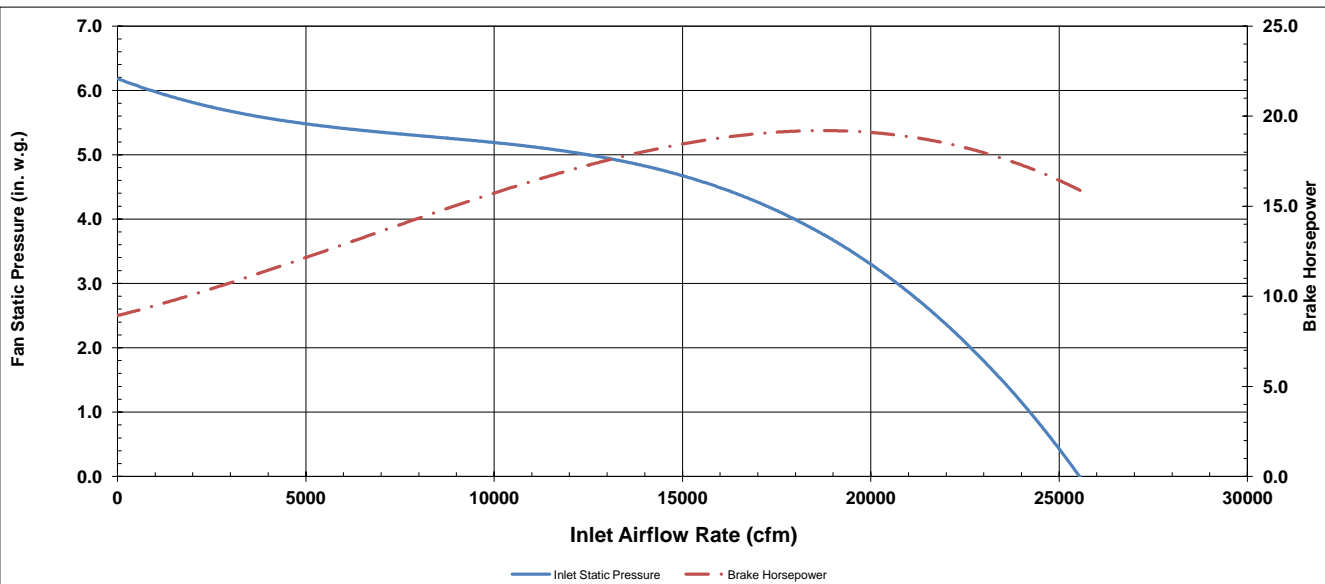
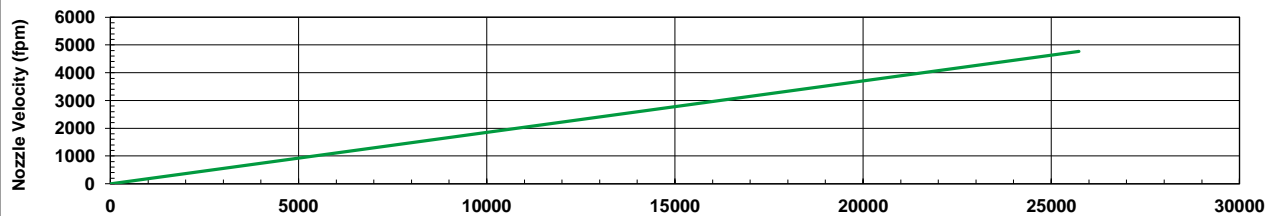
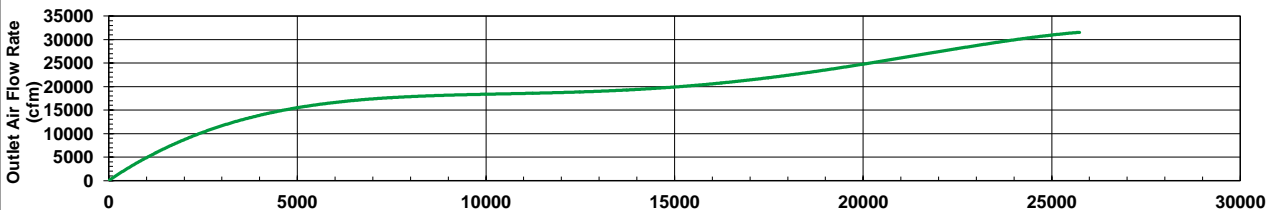
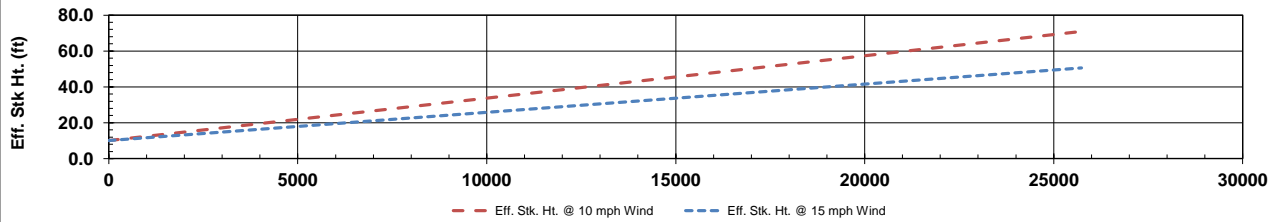
Model #: Tri-Stack™ Series M M48B55N20016

Density: 0.075 lbs./cu. ft.

Windband Area: 11.05 ft<sup>2</sup>

Speed: 1170 rpm

Outlet Area: 5.40 ft<sup>2</sup>



#### 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	
1170	1.00	93	96	96	95	95	93	90	81	103
1170	2.00	91	94	94	93	93	91	88	79	101
1170	3.00	91	93	92	92	92	90	85	77	100
1170	4.00	93	92	91	91	91	88	83	75	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 Lw 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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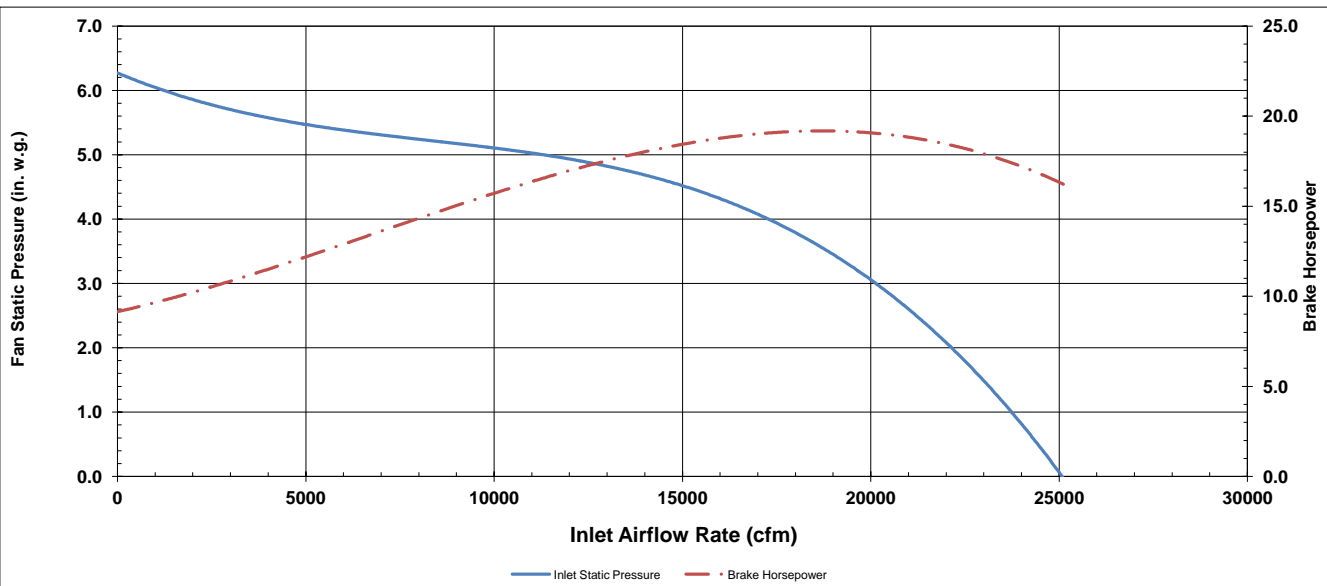
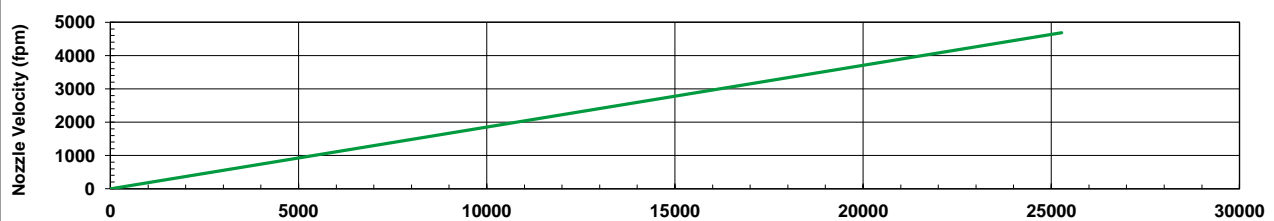
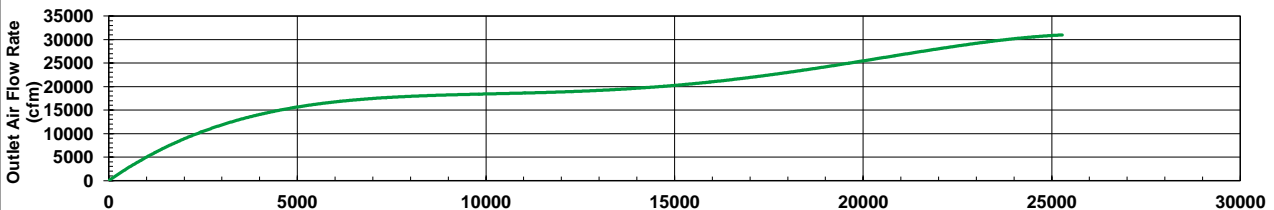
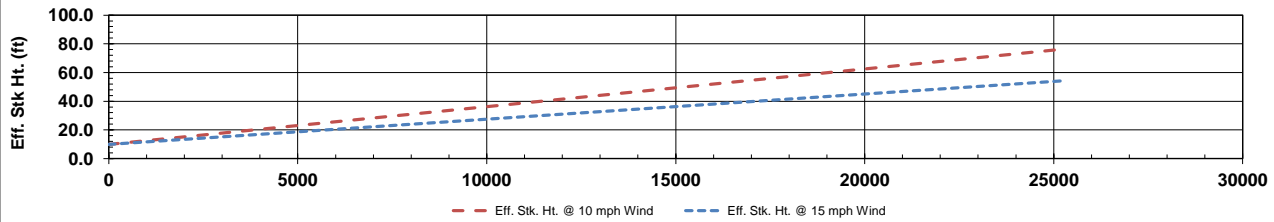
Model #: Tri-Stack™ Series M M48B55S200I6

Density: 0.075 lbs./cu. ft.

Windband Area: 13.64 ft<sup>2</sup>

Speed: 1170 rpm

Outlet Area: 5.40 ft<sup>2</sup>



#### 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	
1170	1.00	89	92	86	83	80	79	78	72	95
1170	2.00	88	90	84	82	80	78	77	70	93
1170	3.00	90	86	82	82	80	76	74	68	93
1170	4.00	77	77	78	78	80	80	78	75	87

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 Lw 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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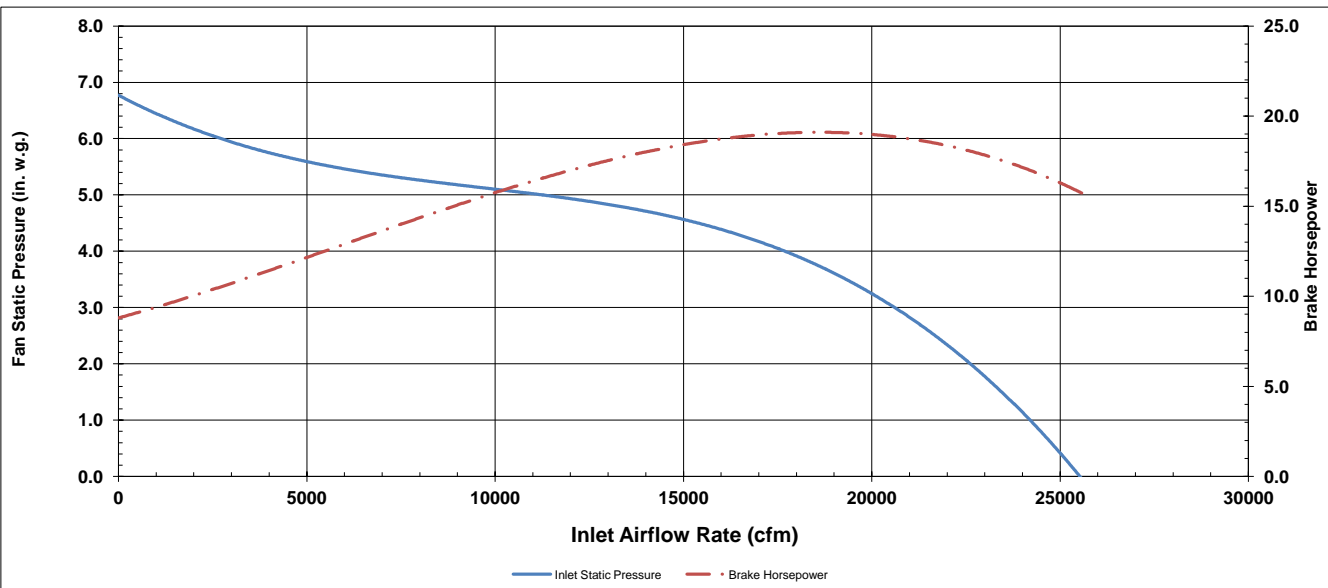
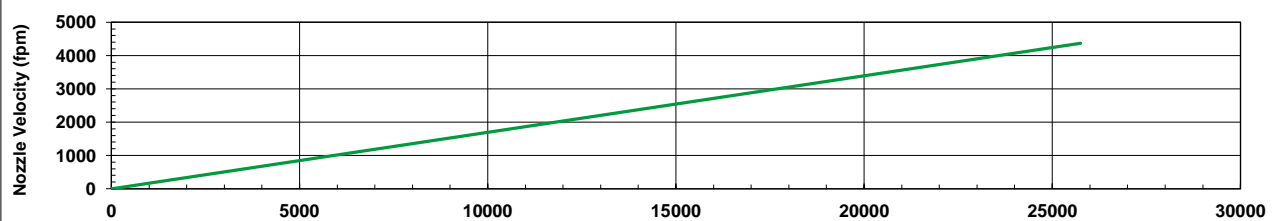
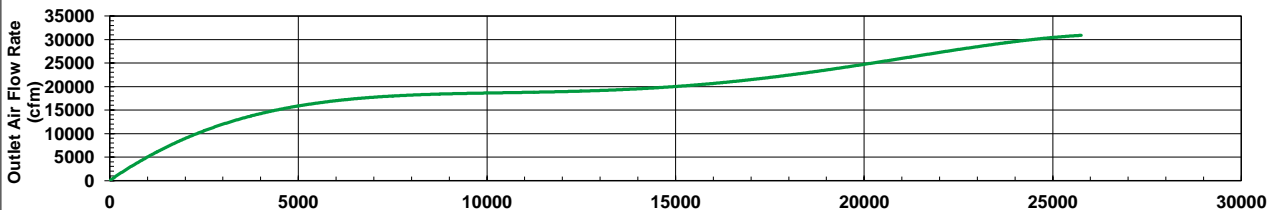
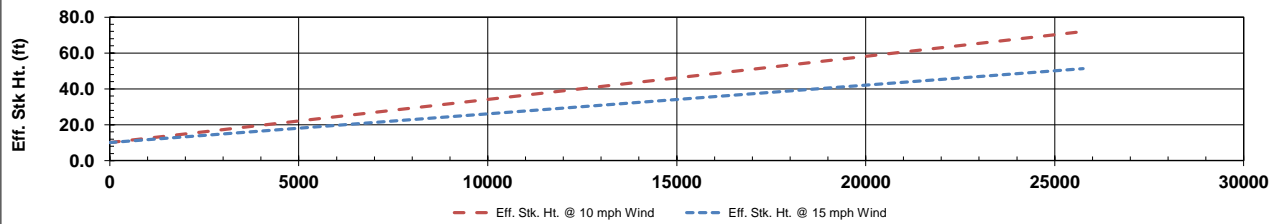
Model #: Tri-Stack™ Series M M48B60S200I6

Density: 0.075 lbs./cu. ft.

Windband Area: 13.64 ft<sup>2</sup>

Speed: 1170 rpm

Outlet Area: 5.90 ft<sup>2</sup>



#### 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	
1170	1.00	86	93	88	82	79	76	78	72	95
1170	2.00	84	89	85	82	80	75	76	70	92
1170	3.00	83	86	82	81	79	74	75	69	90
1170	4.00	86	84	81	81	79	73	74	68	90

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 Lw 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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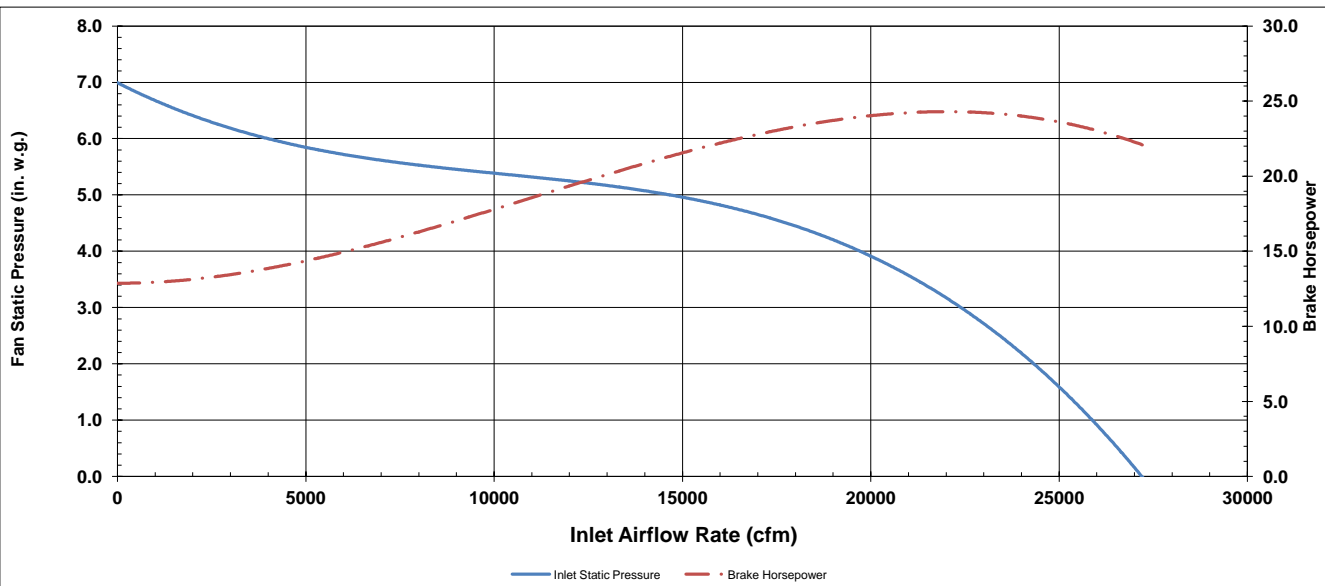
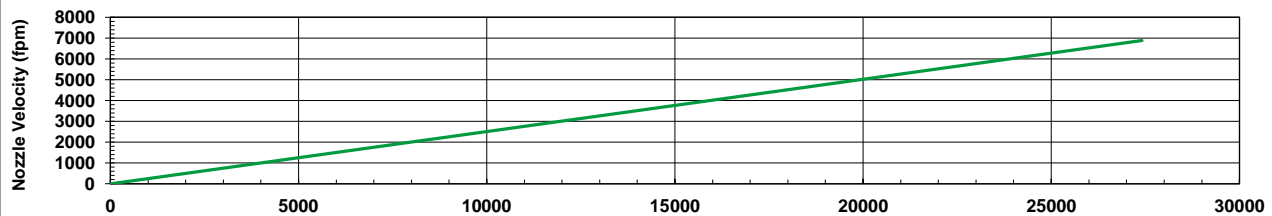
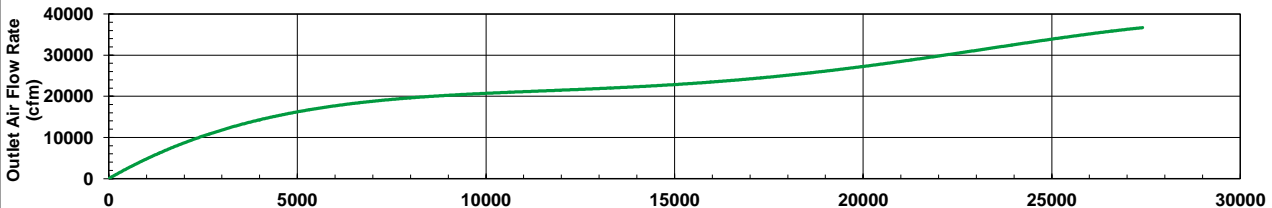
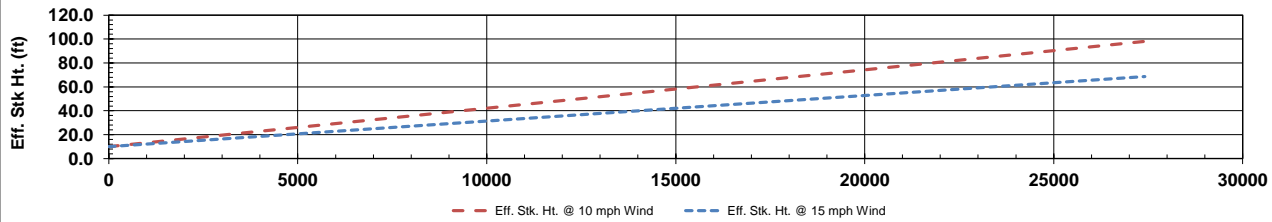
Model #: Tri-Stack™ Series M M48C40N25016

Density: 0.075 lbs./cu. ft.

Windband Area: 11.05 ft<sup>2</sup>

Speed: 1175 rpm

Outlet Area: 3.98 ft<sup>2</sup>



#### 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	
1175	1.00	93	100	97	95	95	93	90	80	104
1175	2.00	91	98	95	94	94	92	89	78	102
1175	3.00	90	97	94	93	93	90	86	77	101
1175	4.00	93	97	94	93	92	89	84	77	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 Lw 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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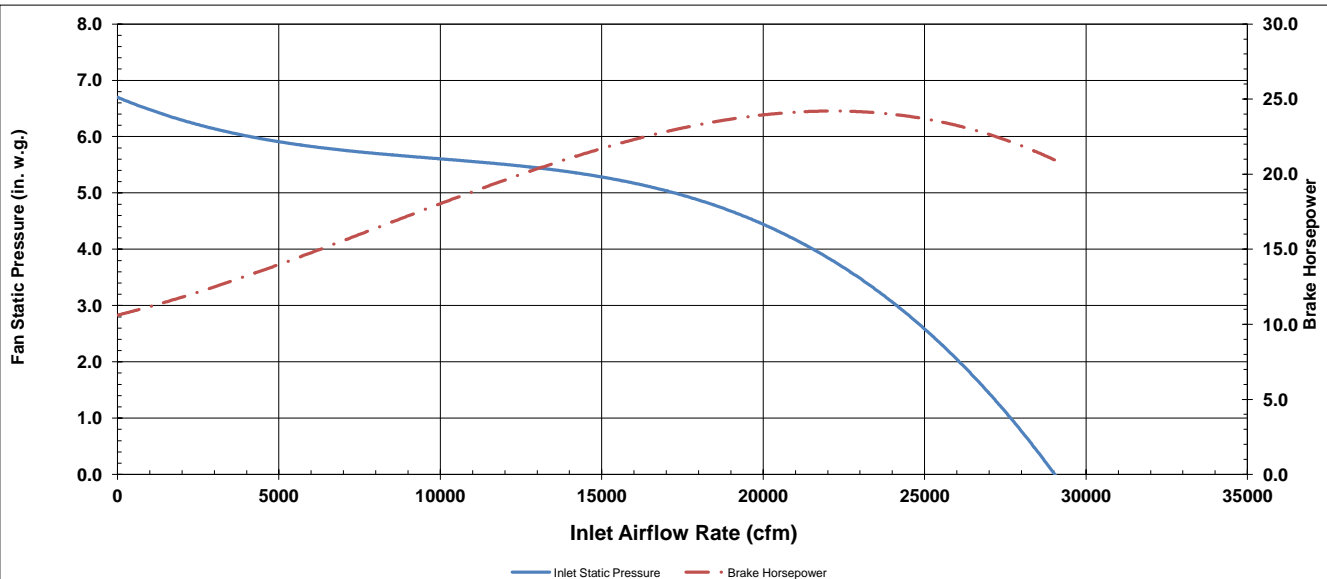
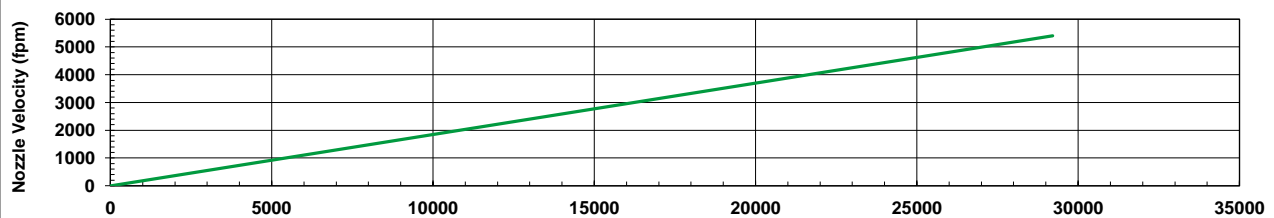
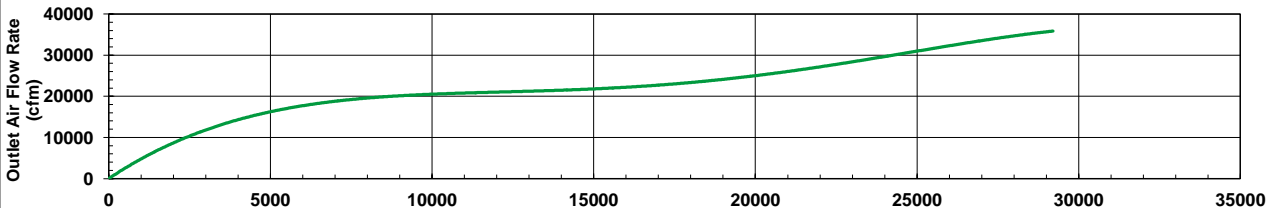
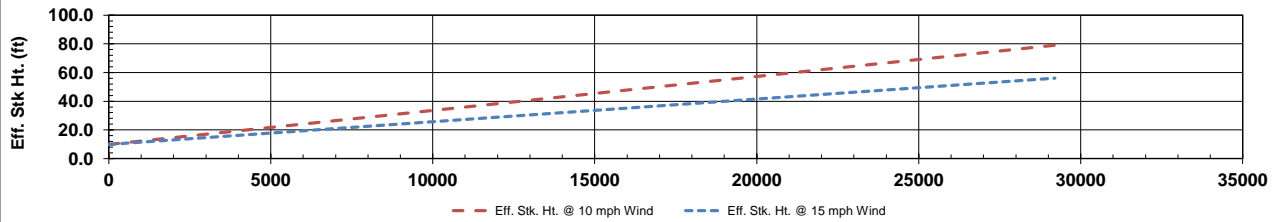
Model #: Tri-Stack™ Series M M48C55N25016

Density: 0.075 lbs./cu. ft.

Windband Area: 11.05 ft<sup>2</sup>

Speed: 1175 rpm

Outlet Area: 5.40 ft<sup>2</sup>



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	
1175	1.00	95	101	97	98	97	95	93	83	106
1175	2.00	93	100	97	96	95	93	91	80	104
1175	3.00	91	98	95	94	94	91	88	78	102
1175	4.00	93	95	94	93	93	90	86	77	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 Lw 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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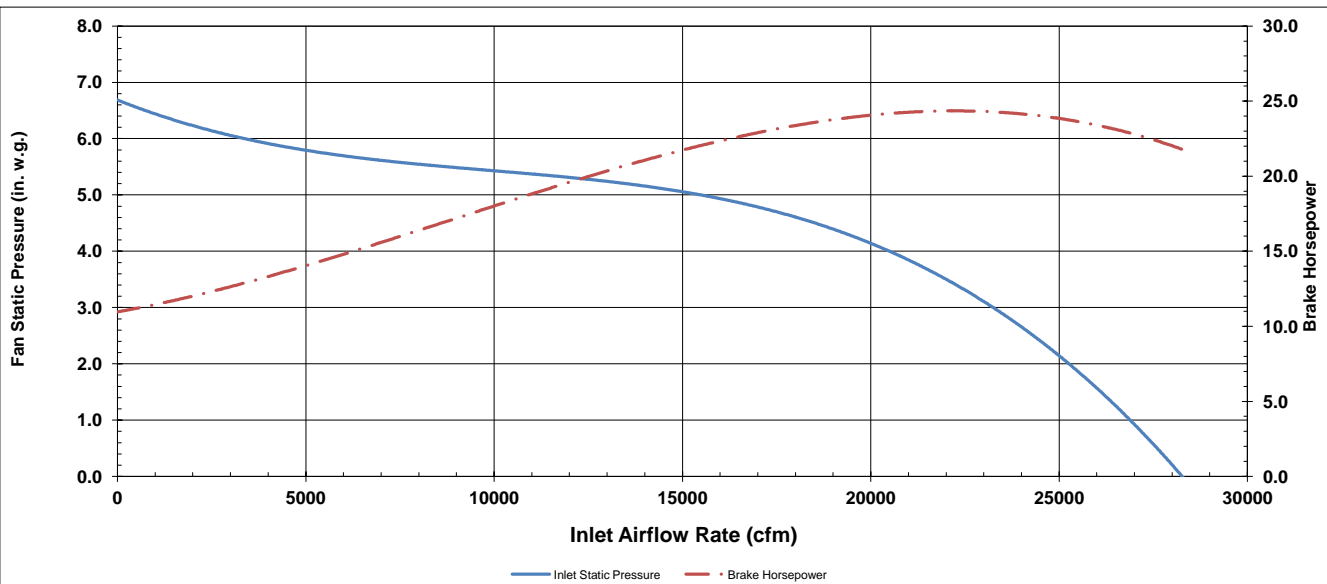
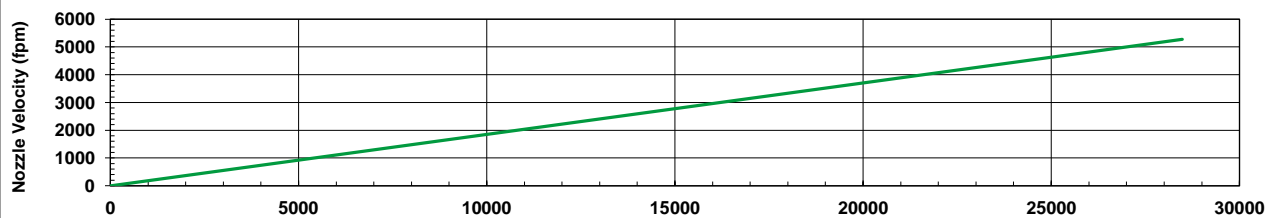
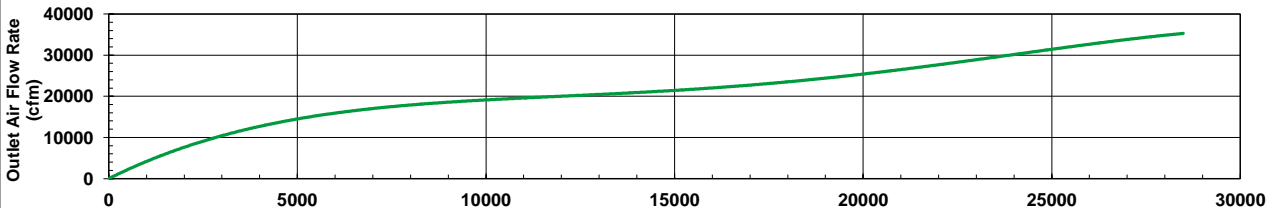
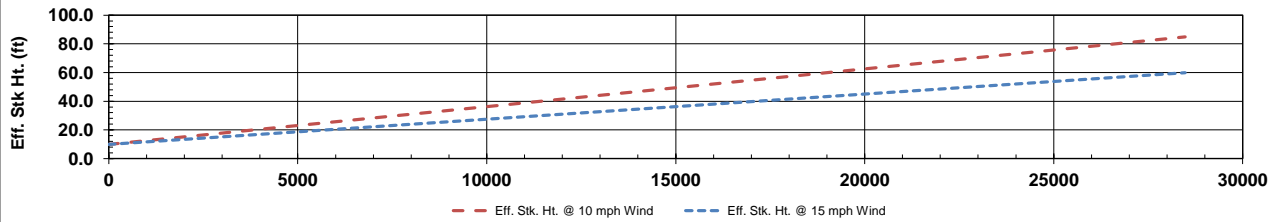
Model #: Tri-Stack™ Series M M48C55S25016

Density: 0.075 lbs./cu. ft.

Windband Area: 13.64 ft<sup>2</sup>

Speed: 1175 rpm

Outlet Area: 5.40 ft<sup>2</sup>



#### 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	
1175	1.00	87	91	86	81	79	80	80	74	94
1175	2.00	85	89	84	80	78	79	78	72	92
1175	3.00	85	88	83	79	77	77	76	71	91
1175	4.00	86	86	82	78	77	76	74	70	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 Lw 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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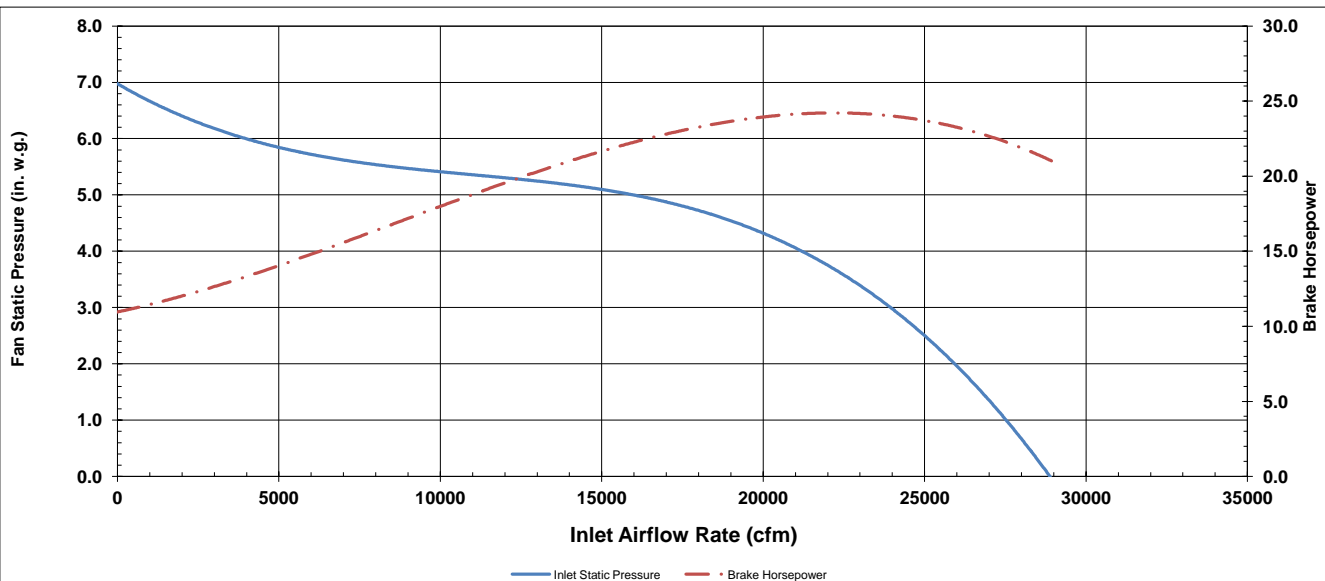
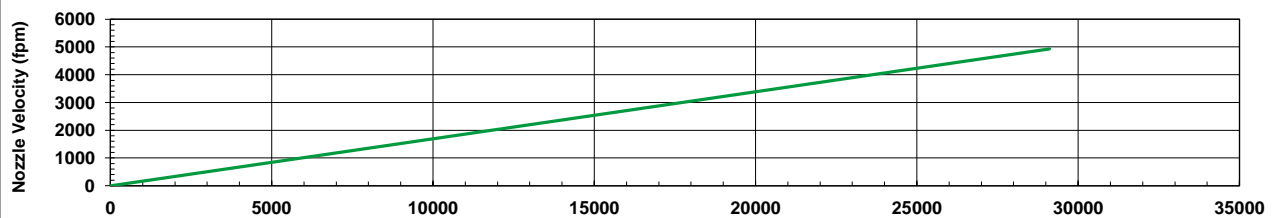
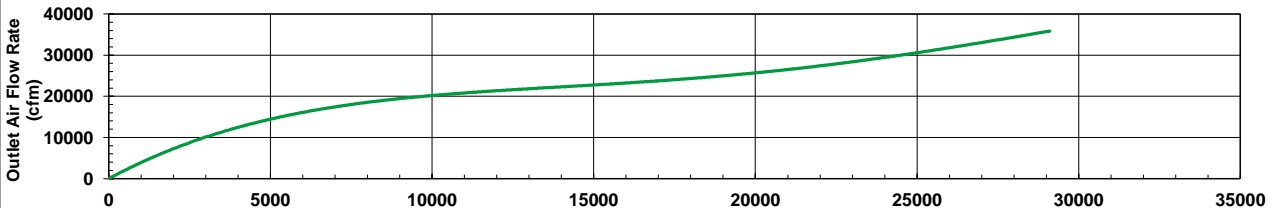
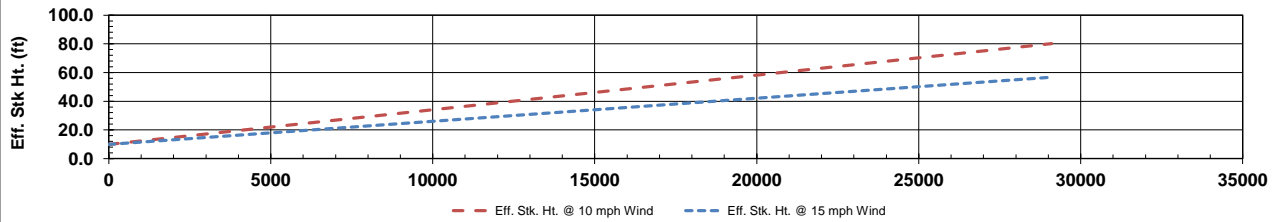
Model #: Tri-Stack™ Series M M48C60S25016

Density: 0.075 lbs./cu. ft.

Windband Area: 13.64 ft<sup>2</sup>

Speed: 1175 rpm

Outlet Area: 5.90 ft<sup>2</sup>



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	
1175	1.00	88	92	87	81	79	76	80	74	95
1175	2.00	87	90	86	80	78	75	79	73	94
1175	3.00	84	90	85	79	77	74	77	71	92
1175	4.00	85	88	83	78	76	73	74	70	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.

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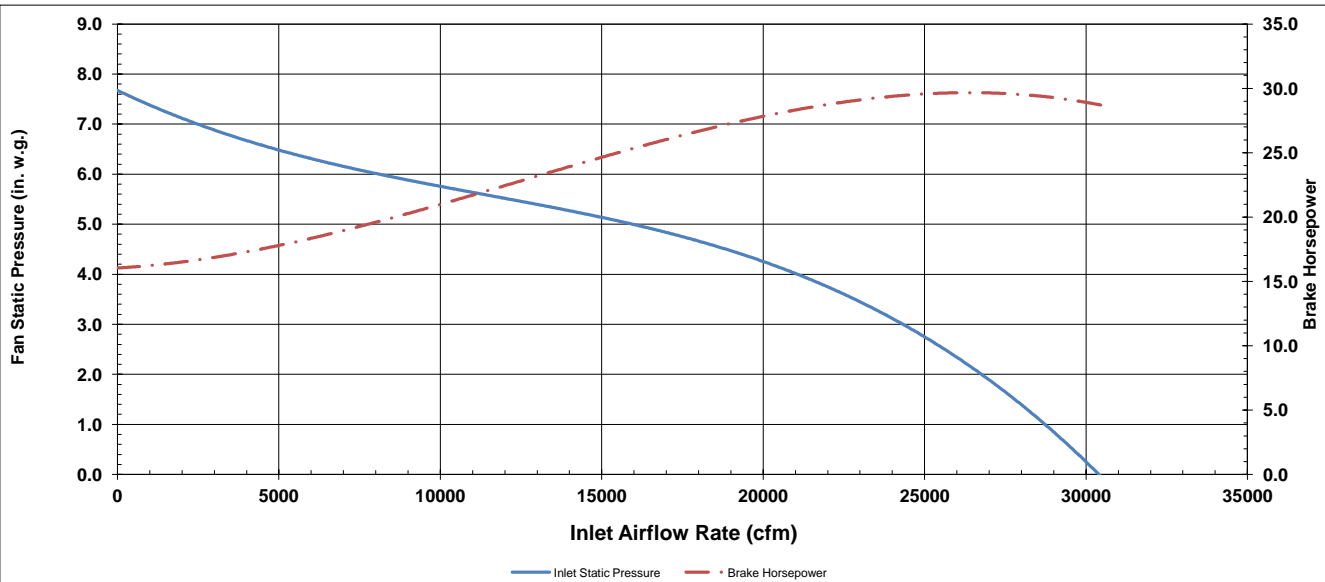
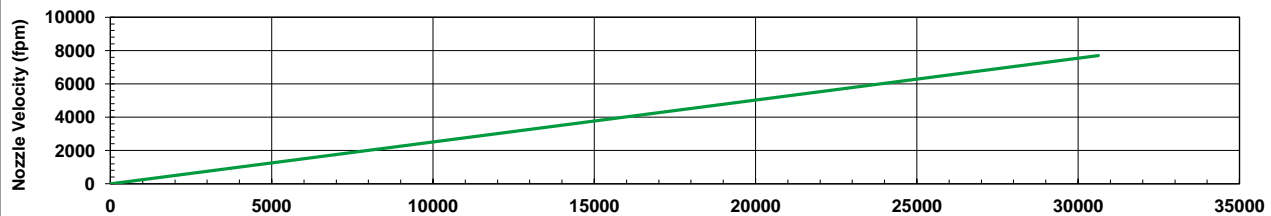
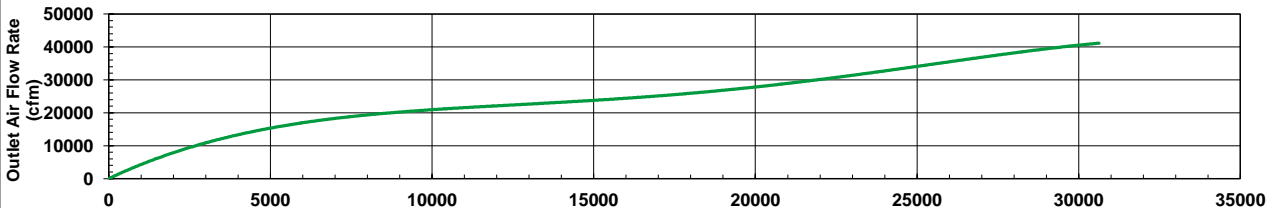
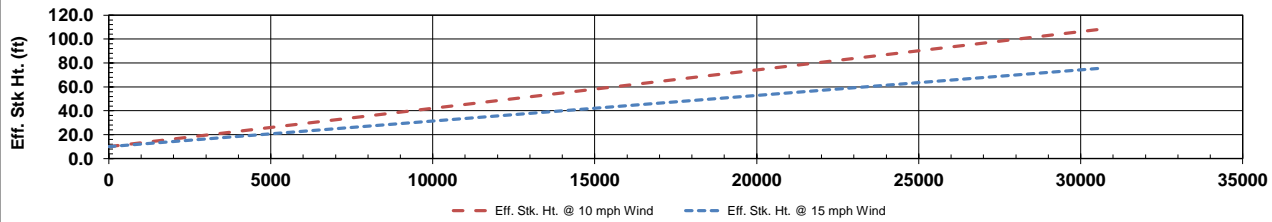
Model #: Tri-Stack™ Series M M48D40N30016

Density: 0.075 lbs./cu. ft.

Windband Area: 11.05 ft<sup>2</sup>

Speed: 1175 rpm

Outlet Area: 3.98 ft<sup>2</sup>



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	
1175	1.00	93	103	99	97	97	97	99	83	107
1175	2.00	92	103	99	97	97	95	94	80	106
1175	3.50	94	102	98	96	96	92	87	79	105
1175	4.50	99	98	98	96	95	91	85	78	105

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 Lw 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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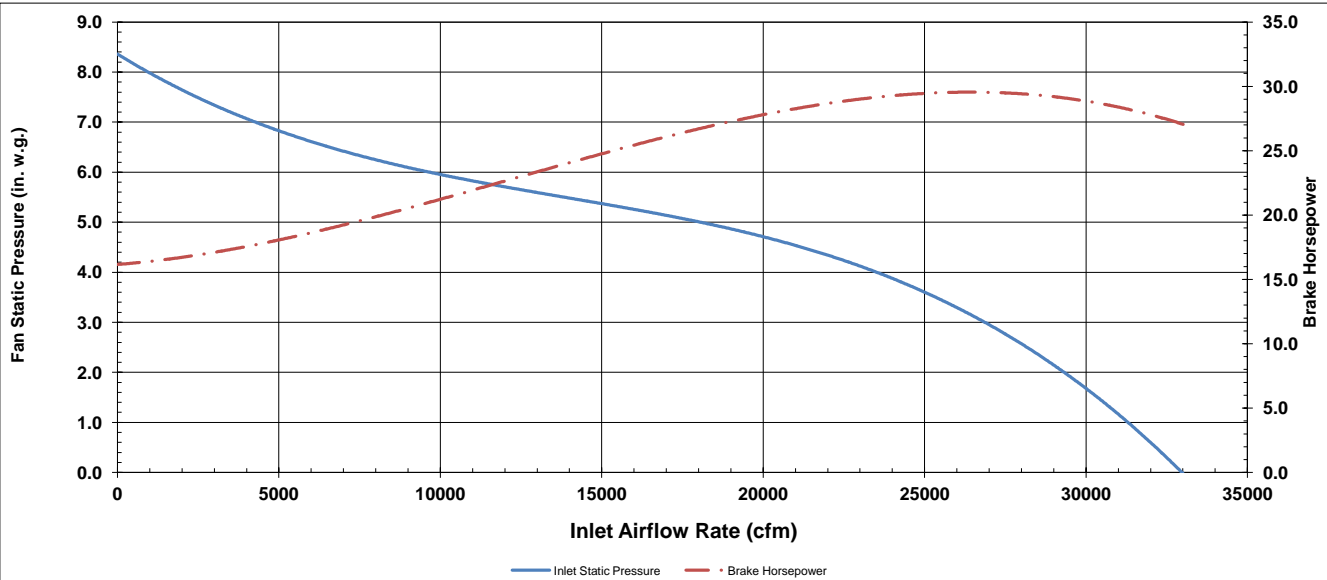
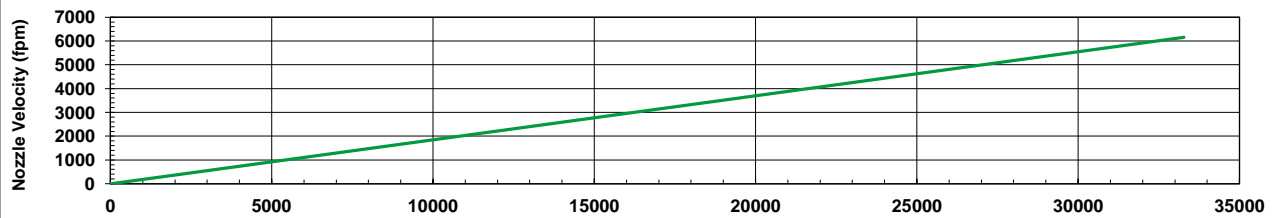
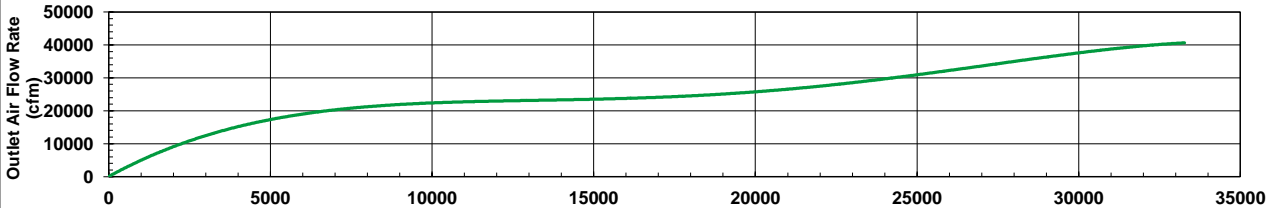
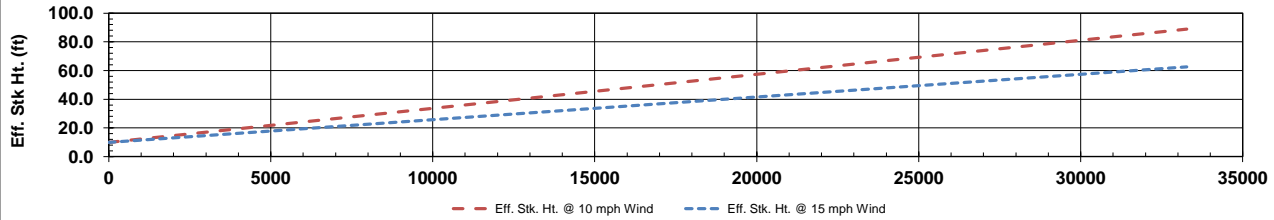
Model #: Tri-Stack™ Series M M48D55N30016

Density: 0.075 lbs./cu. ft.

Windband Area: 11.05 ft<sup>2</sup>

Speed: 1175 rpm

Outlet Area: 5.40 ft<sup>2</sup>



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	
1175	1.00	95	104	101	99	99	98	101	86	109
1175	2.00	94	105	101	98	98	97	99	84	109
1175	3.50	95	102	99	97	97	95	92	81	106
1175	4.50	98	99	97	97	96	92	86	79	105

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 Lw 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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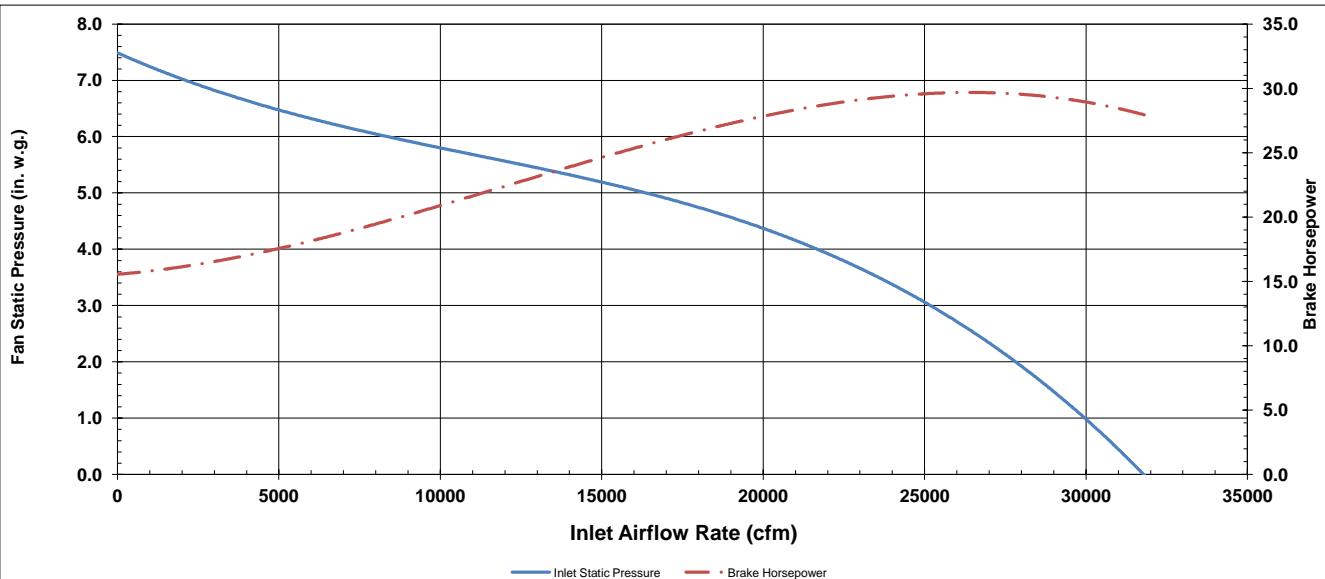
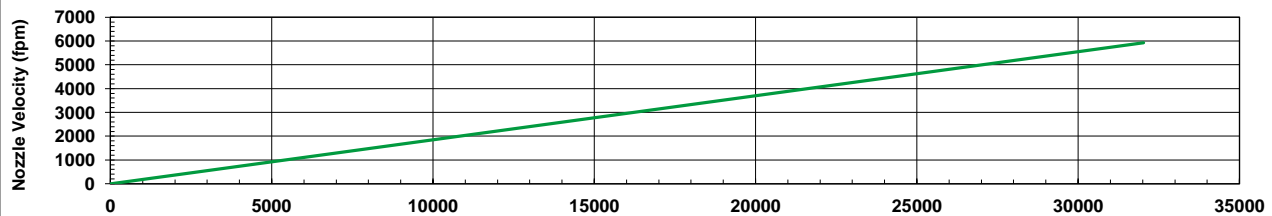
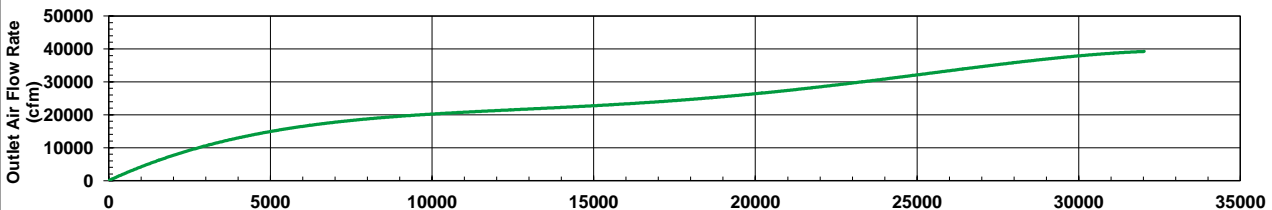
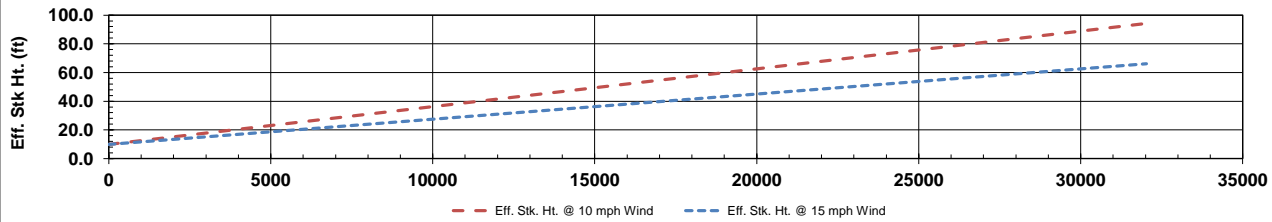
Model #: Tri-Stack™ Series M M48D55S30016

Density: 0.075 lbs./cu. ft.

Windband Area: 13.64 ft<sup>2</sup>

Speed: 1175 rpm

Outlet Area: 5.40 ft<sup>2</sup>



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	
1175	1.00	90	94	89	84	85	82	86	78	97
1175	2.00	90	95	89	83	84	81	83	76	97
1175	3.50	90	90	86	82	83	78	76	73	95
1175	4.50	94	90	86	81	83	76	74	72	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 Lw 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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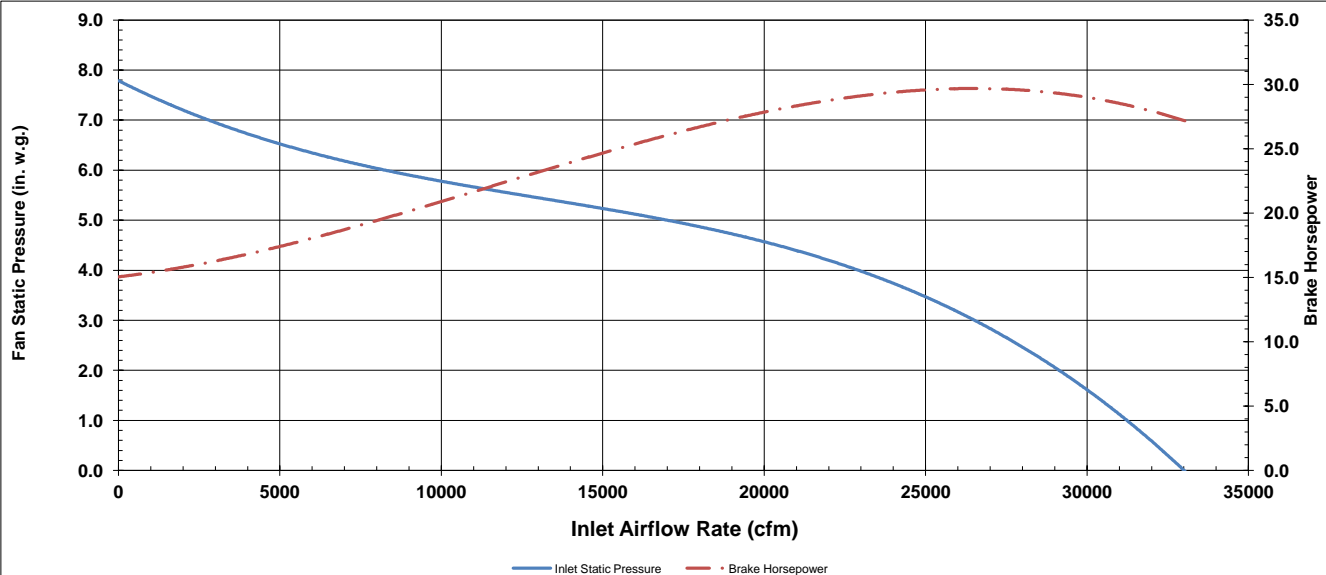
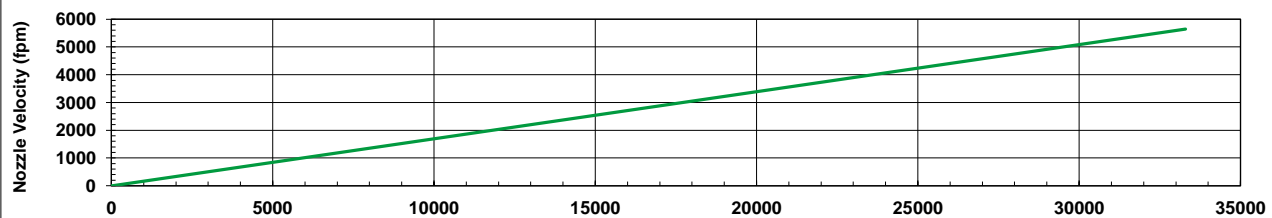
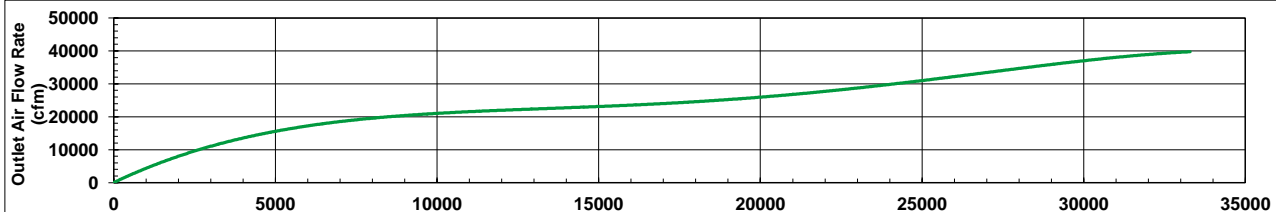
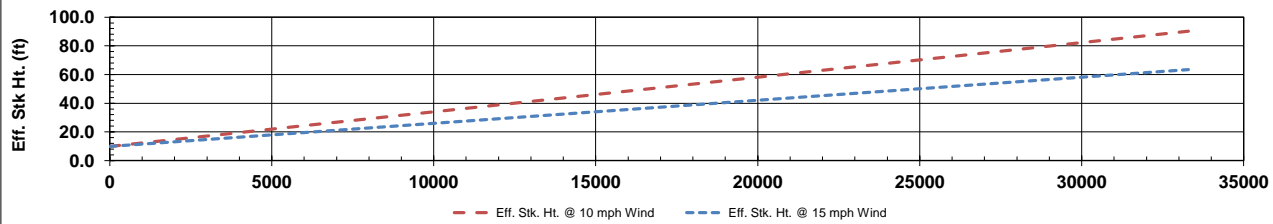
Model #: Tri-Stack™ Series M M48D60S30016

Density: 0.075 lbs./cu. ft.

Windband Area: 13.64 ft<sup>2</sup>

Speed: 1175 rpm

Outlet Area: 5.90 ft<sup>2</sup>



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	
1175	1.00	89	92	88	85	84	81	88	78	97
1175	2.00	89	92	87	84	84	81	85	77	96
1175	3.50	89	90	86	82	83	78	78	74	94
1175	4.50	93	89	85	82	83	76	76	73	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 Lw 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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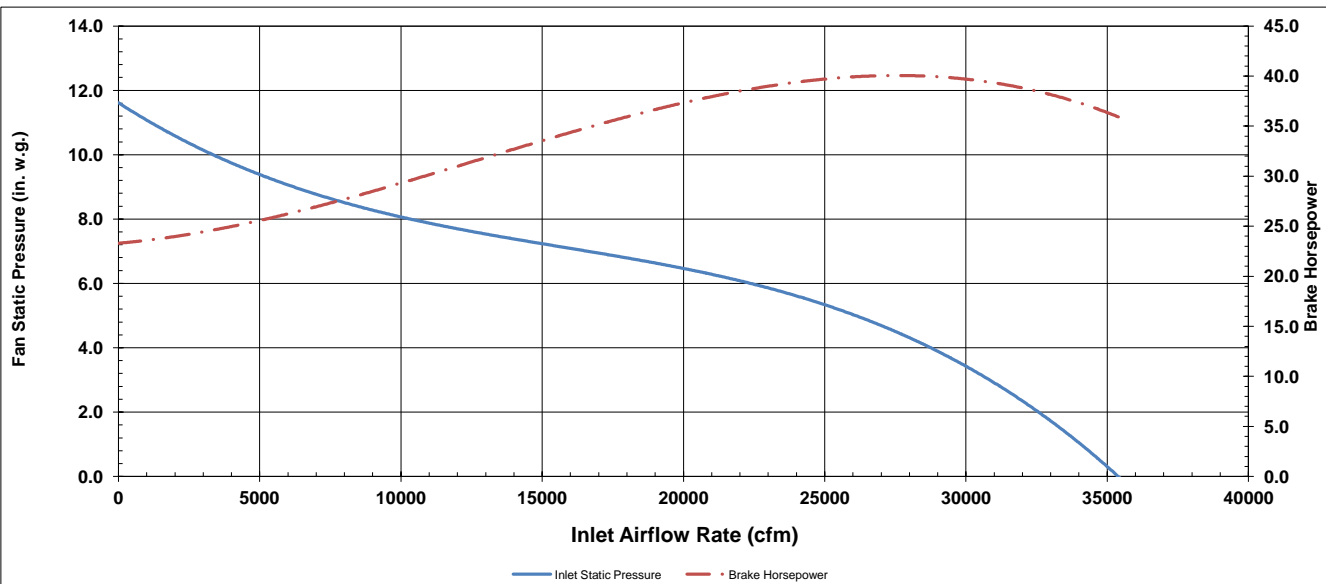
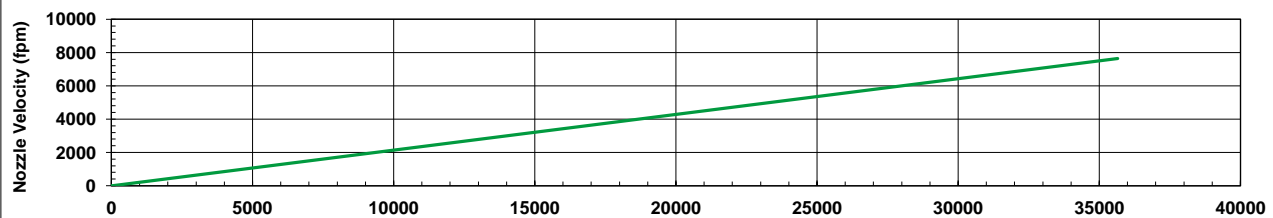
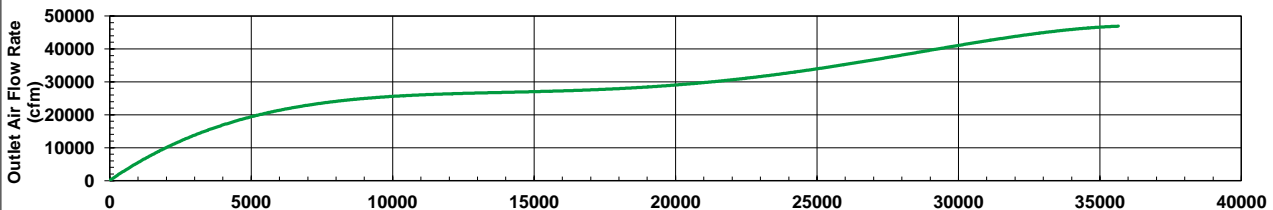
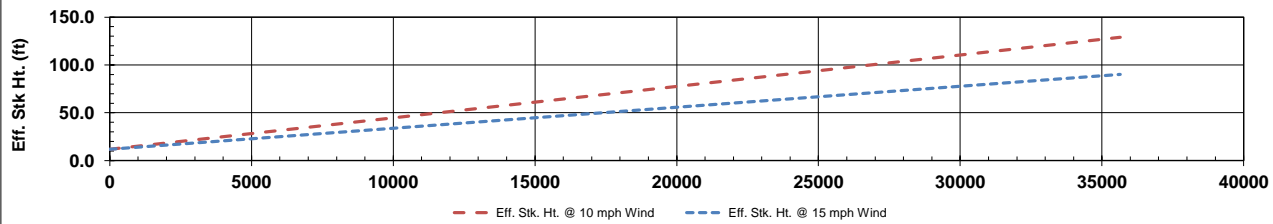
Model #: Tri-Stack™ Series M M54A50N40016

Density: 0.075 lbs./cu. ft.

Windband Area: 15.91 ft<sup>2</sup>

Speed: 1175 rpm

Outlet Area: 4.67 ft<sup>2</sup>



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	
1175	1.50	93	104	100	99	98	96	98	86	108
1175	3.00	92	103	99	98	98	95	95	84	107
1175	4.50	93	102	99	98	97	94	91	83	106
1175	6.50	100	102	100	99	98	94	88	82	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 Lw 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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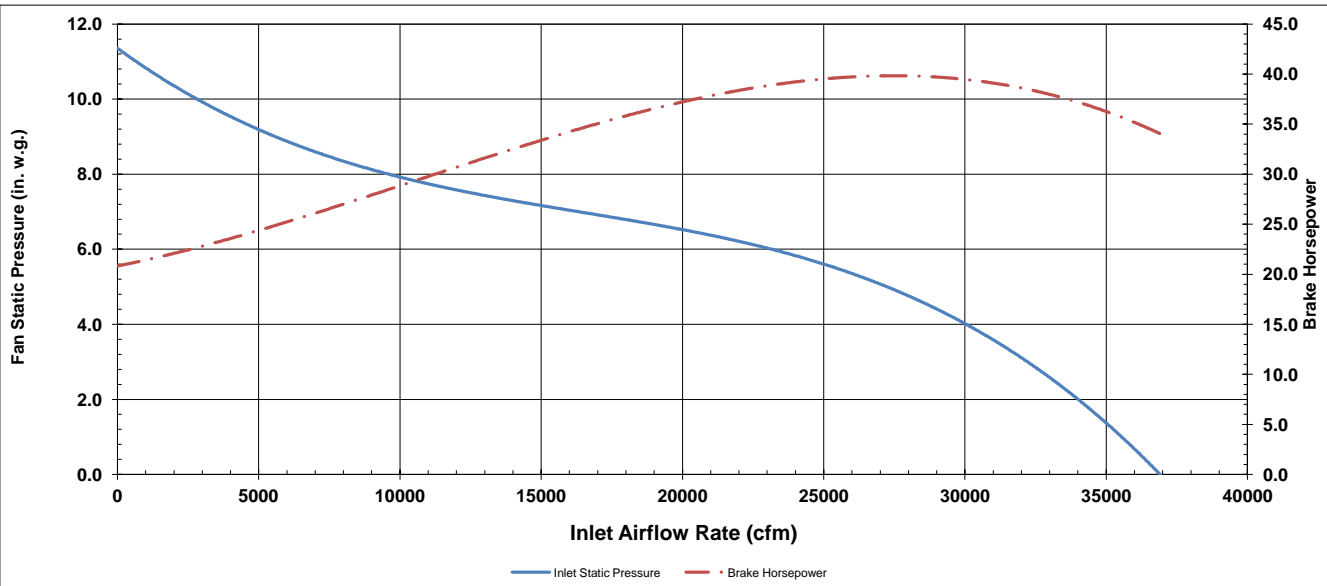
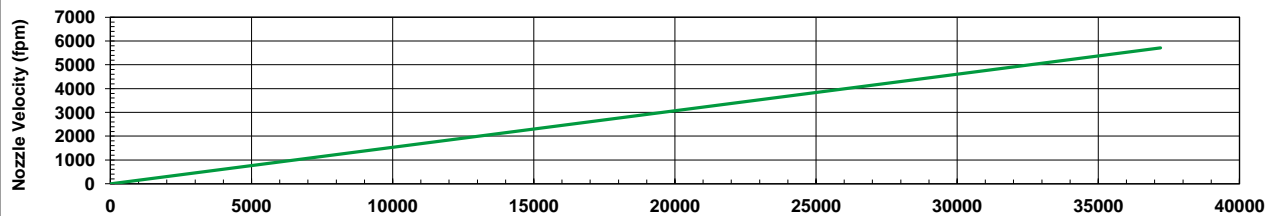
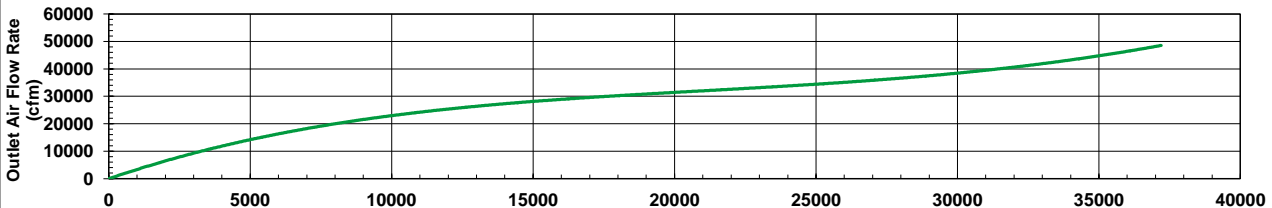
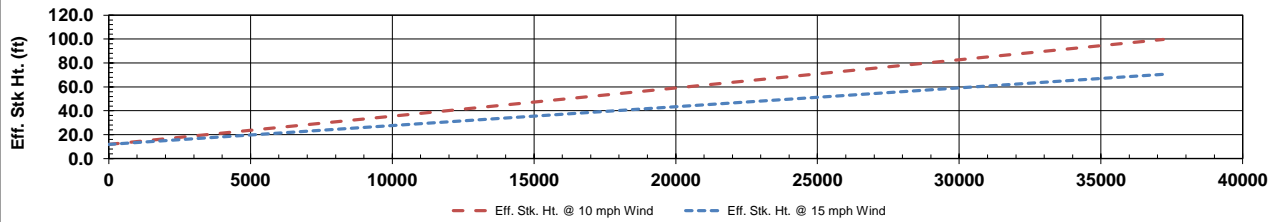
Model #: Tri-Stack™ Series M M54A60N40016

Density: 0.075 lbs./cu. ft.

Windband Area: 15.91 ft<sup>2</sup>

Speed: 1175 rpm

Outlet Area: 6.51 ft<sup>2</sup>



#### 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	
1175	1.50	93	104	100	99	98	96	98	87	108
1175	3.00	92	104	99	98	98	95	96	85	107
1175	4.50	93	102	98	98	97	94	93	84	106
1175	6.50	100	101	99	99	98	94	88	82	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 Lw 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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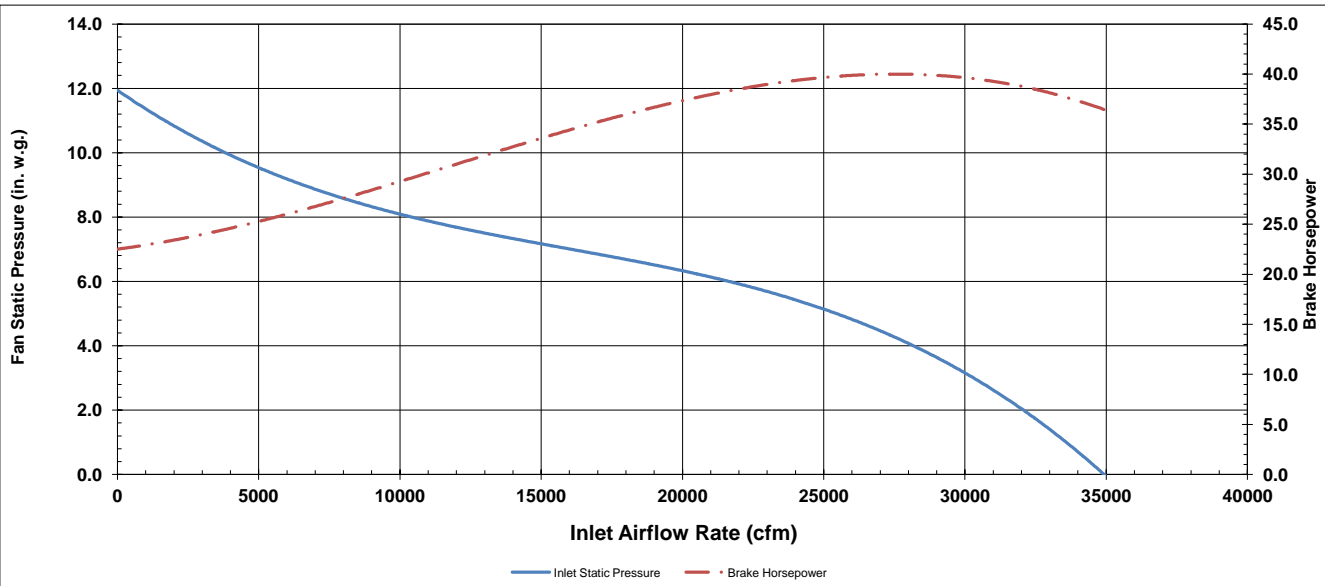
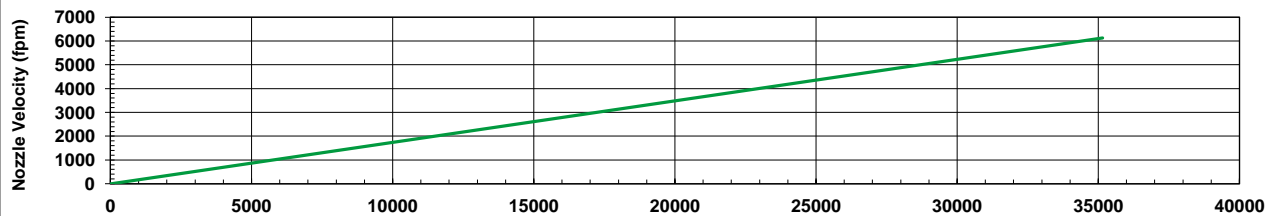
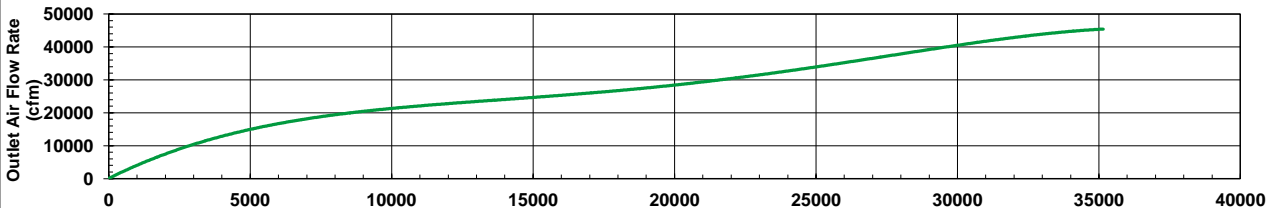
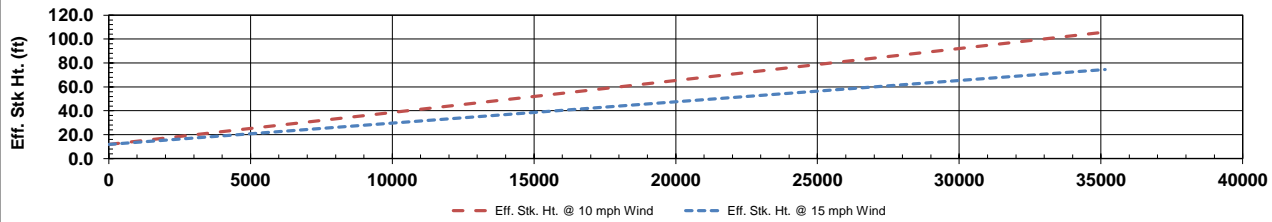
Model #: Tri-Stack™ Series M M54A60S40016

Density: 0.075 lbs./cu. ft.

Windband Area: 16.5 ft<sup>2</sup>

Speed: 1175 rpm

Outlet Area: 5.74 ft<sup>2</sup>



#### 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	
1175	1.50	91	94	89	85	83	81	84	79	97
1175	3.00	91	92	87	84	82	80	82	78	96
1175	4.50	91	91	87	83	81	79	79	76	96
1175	6.50	99	94	88	84	82	79	77	74	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 Lw 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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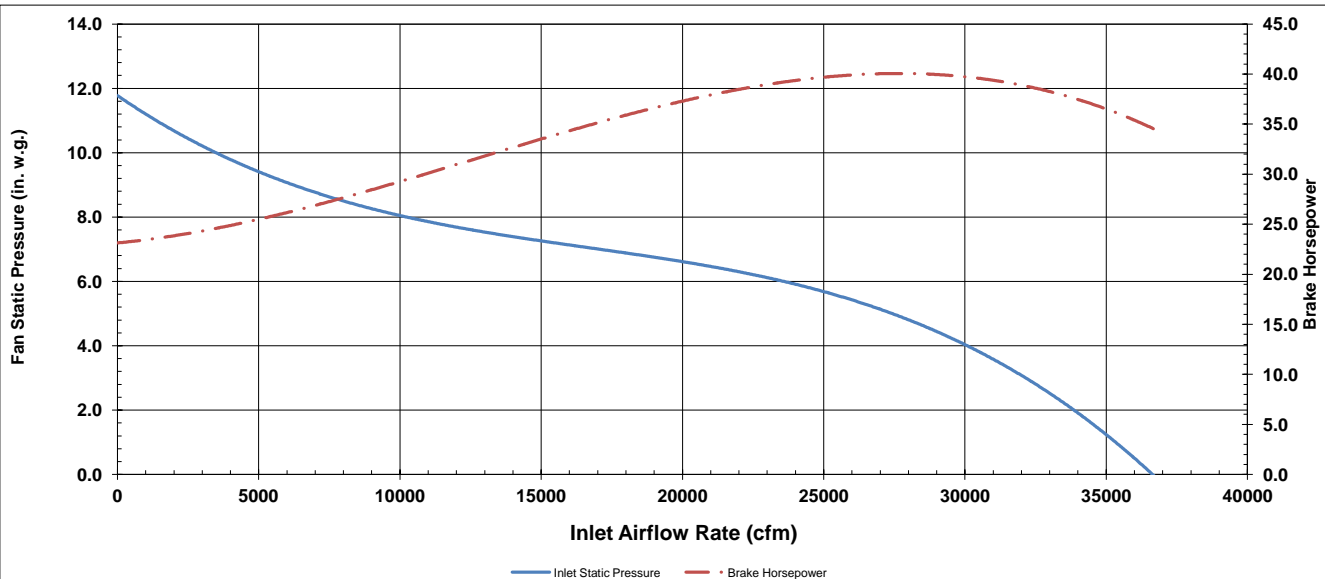
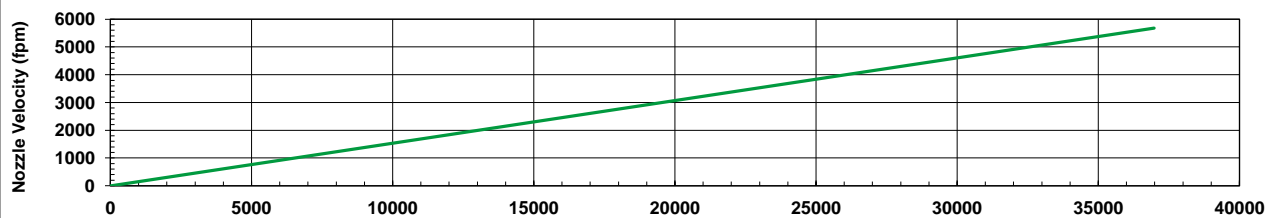
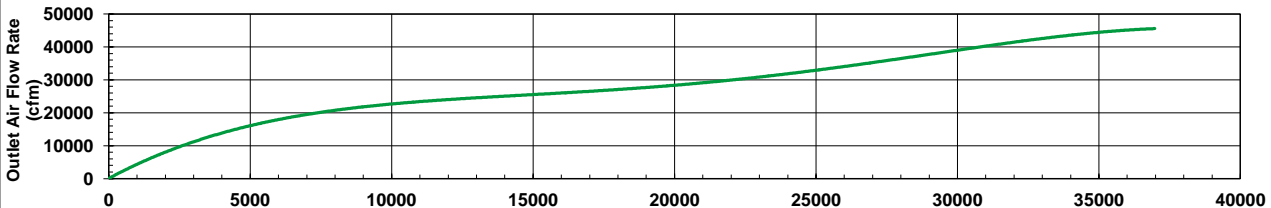
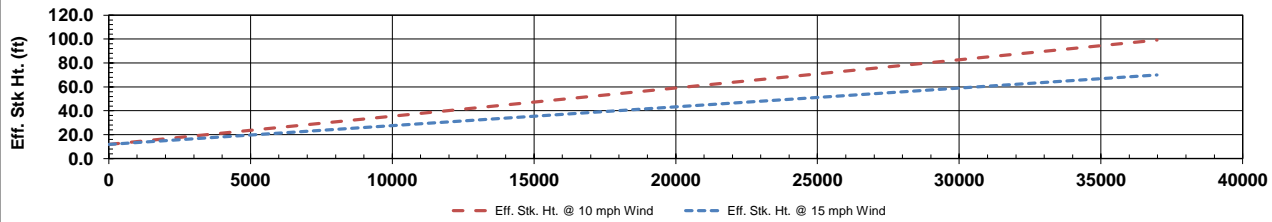
Model #: Tri-Stack™ Series M M54A65S40016

Density: 0.075 lbs./cu. ft.

Windband Area: 16.5 ft<sup>2</sup>

Speed: 1175 rpm

Outlet Area: 6.51 ft<sup>2</sup>



#### 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	
1175	1.50	90	97	91	85	83	81	84	78	99
1175	3.00	88	95	89	84	81	79	82	76	97
1175	4.50	89	92	87	83	81	79	79	75	95
1175	6.50	94	92	87	85	81	79	76	73	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 Lw 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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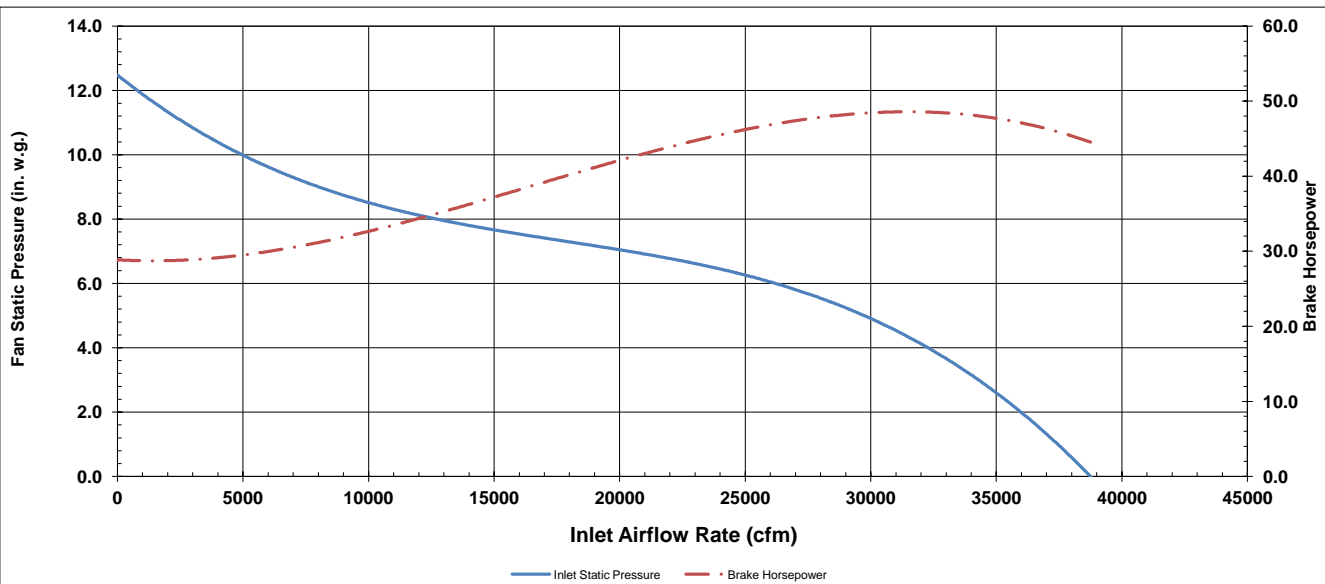
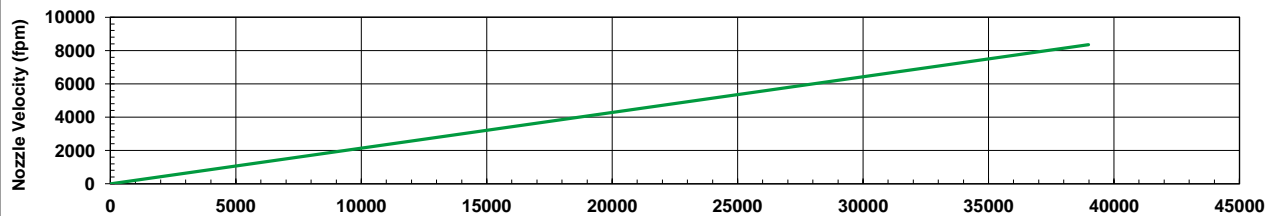
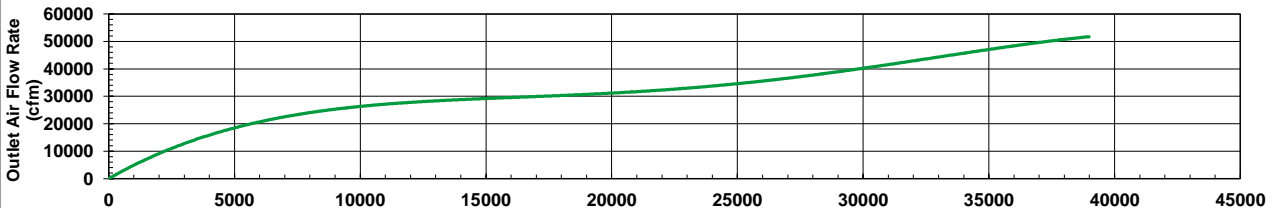
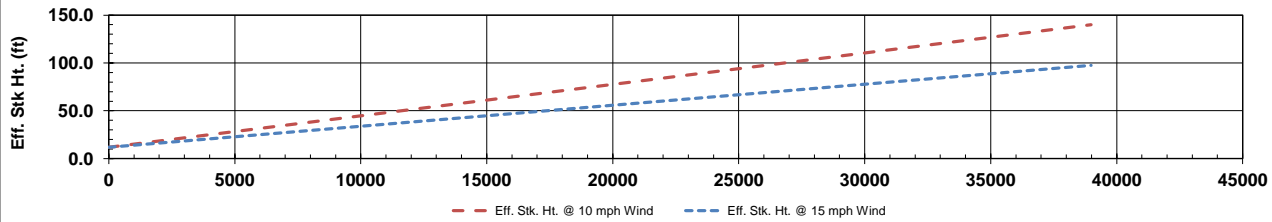
Model #: Tri-Stack™ Series M M54B50N50016

Density: 0.075 lbs./cu. ft.

Windband Area: 15.91 ft<sup>2</sup>

Speed: 1175 rpm

Outlet Area: 4.67 ft<sup>2</sup>



#### 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	
1175	1.50	95	104	101	100	99	97	101	94	109
1175	3.00	93	103	100	99	99	96	101	92	108
1175	4.50	94	103	99	99	99	96	100	90	108
1175	6.50	100	102	100	99	99	95	93	84	108

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 Lw 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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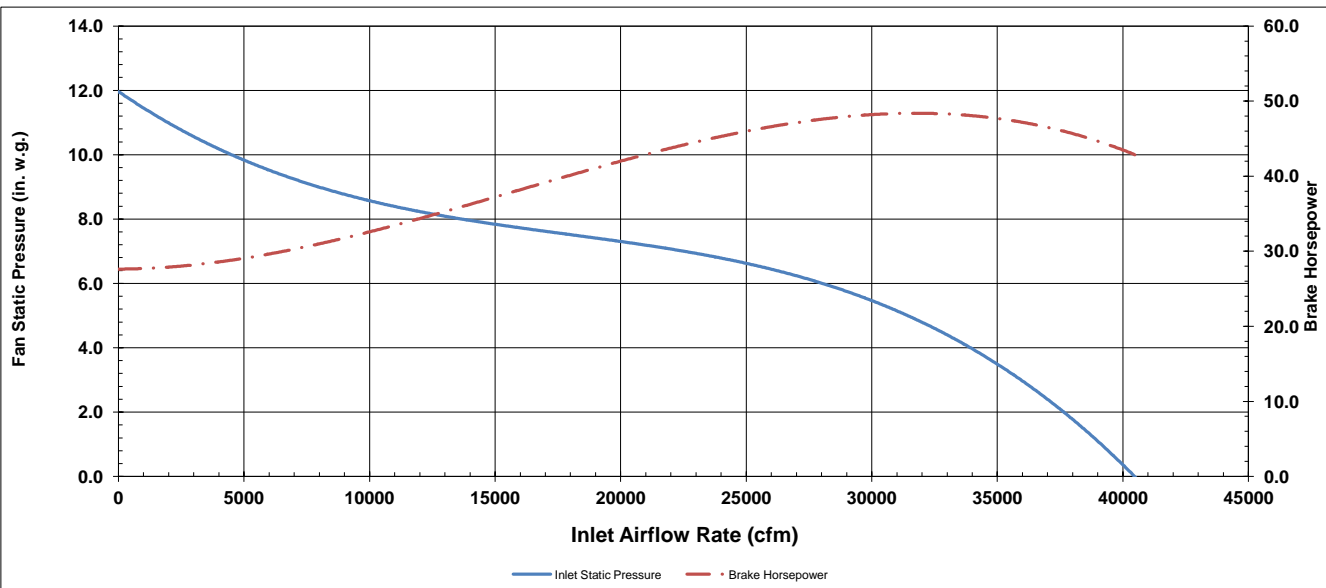
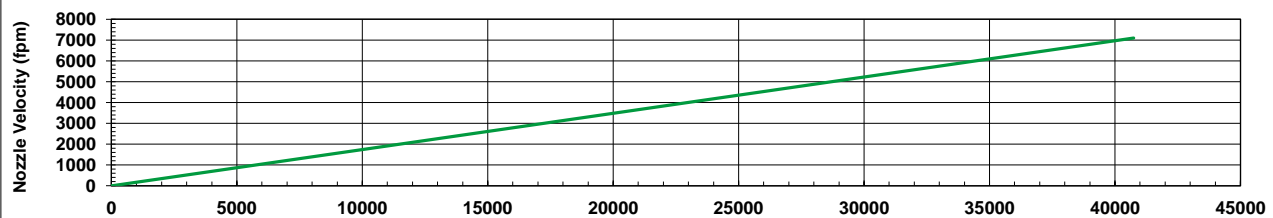
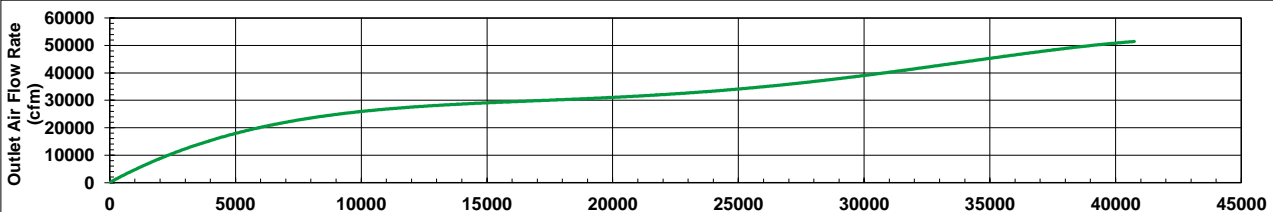
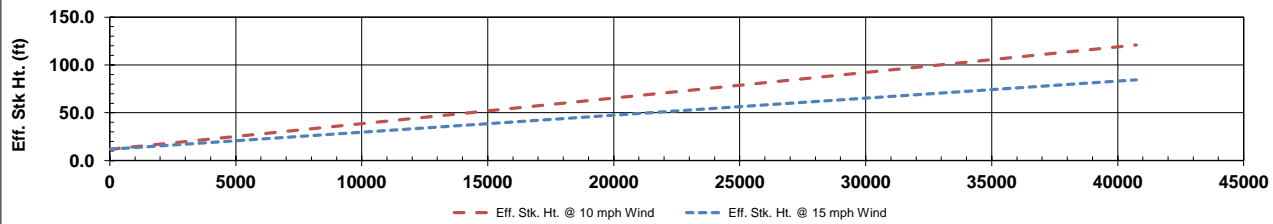
Model #: Tri-Stack™ Series M M54B60N50016

Density: 0.075 lbs./cu. ft.

Windband Area: 15.91 ft<sup>2</sup>

Speed: 1175 rpm

Outlet Area: 5.74 ft<sup>2</sup>



#### 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	
1175	1.50	95	103	101	100	100	97	101	94	109
1175	3.00	96	102	100	99	99	97	101	92	108
1175	4.50	96	101	98	99	99	96	100	90	107
1175	6.50	100	102	99	99	99	95	95	84	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 Lw 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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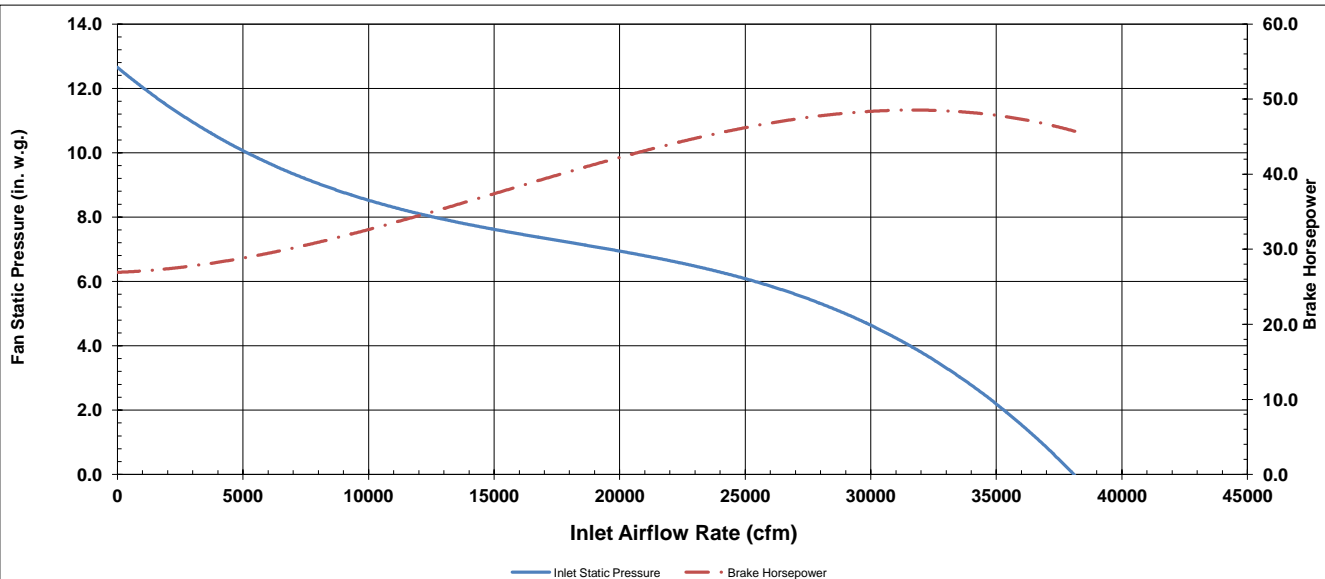
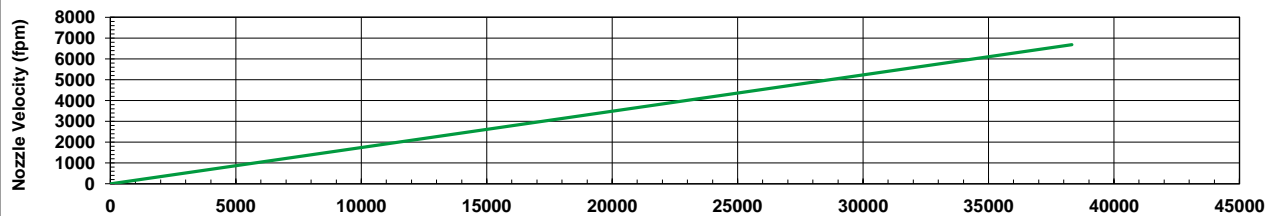
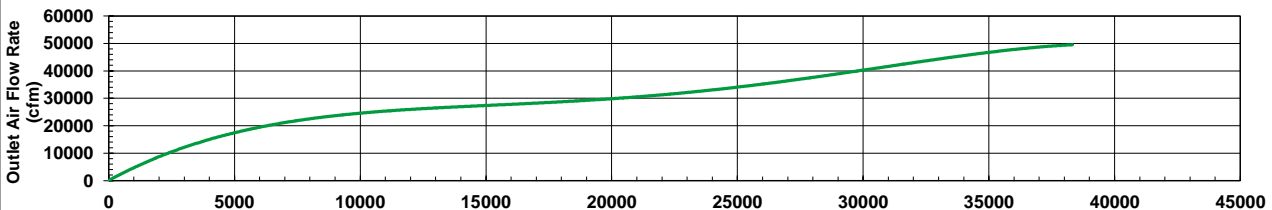
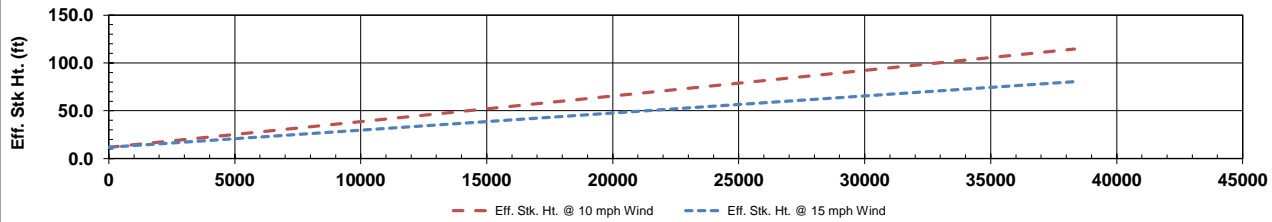
Model #: Tri-Stack™ Series M M54B60S500I6

Density: 0.075 lbs./cu. ft.

Windband Area: 16.5 ft<sup>2</sup>

Speed: 1175 rpm

Outlet Area: 5.74 ft<sup>2</sup>



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	
1175	1.50	93	96	91	87	84	82	87	83	99
1175	3.00	94	94	90	86	83	81	87	81	99
1175	4.50	94	92	89	85	82	80	86	79	98
1175	6.50	98	95	90	86	81	79	79	76	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 Lw 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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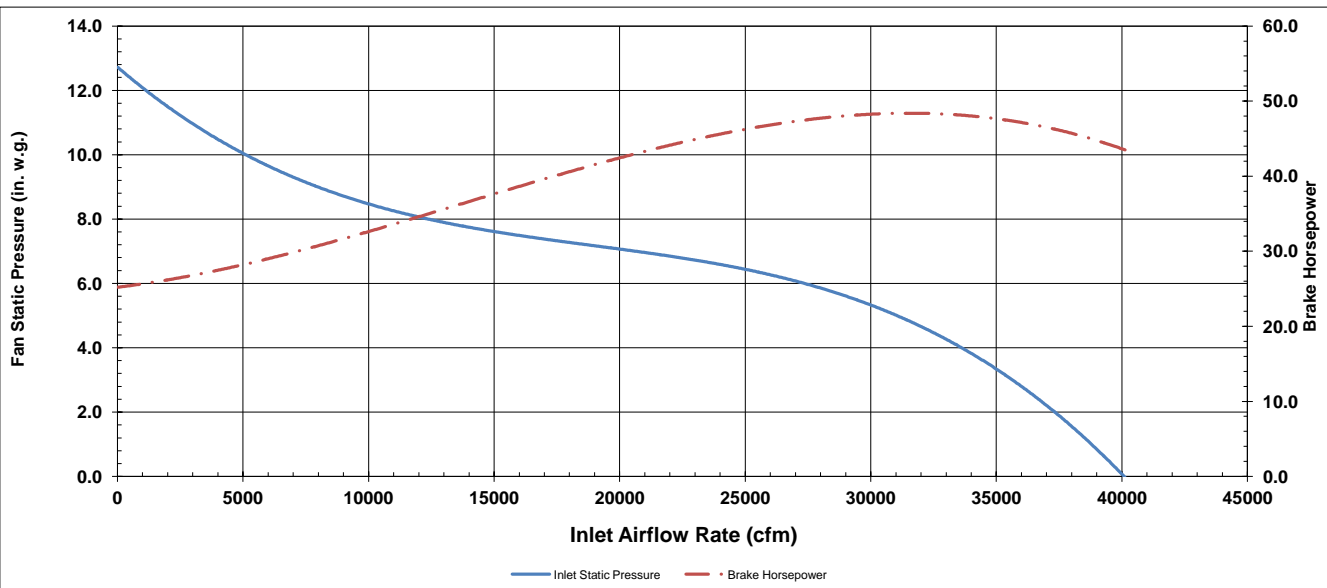
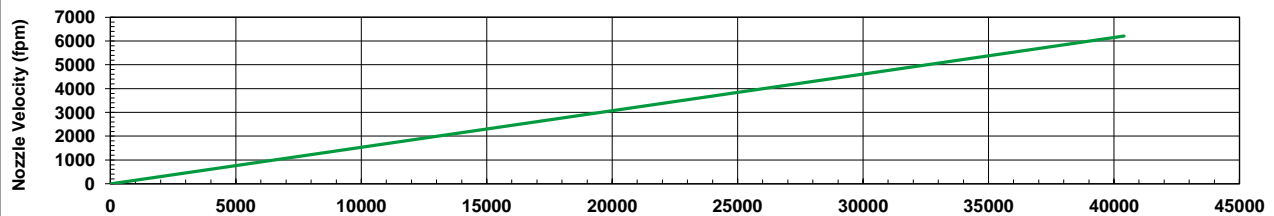
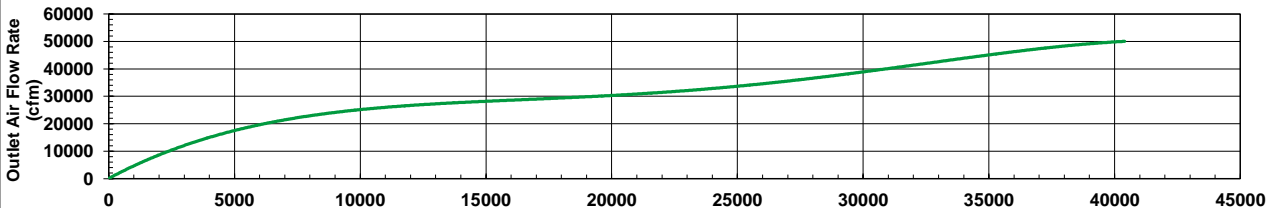
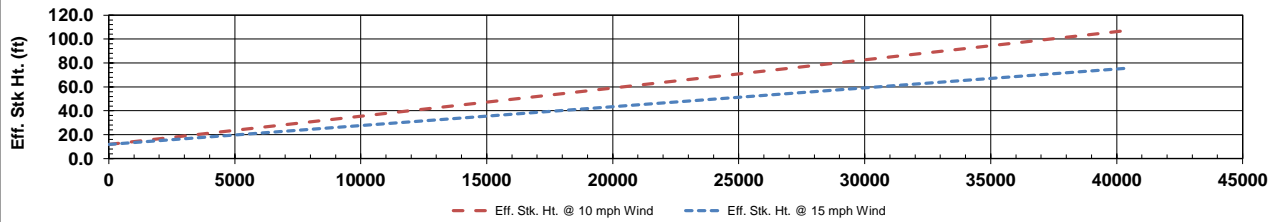
Model #: Tri-Stack™ Series M M54B65S50016

Density: 0.075 lbs./cu. ft.

Windband Area: 16.5 ft<sup>2</sup>

Speed: 1175 rpm

Outlet Area: 6.51 ft<sup>2</sup>



#### 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	
1175	1.50	92	96	92	87	84	83	87	82	100
1175	3.00	91	94	90	86	83	82	87	81	98
1175	4.50	91	94	89	85	82	81	86	79	97
1175	6.50	95	93	89	86	83	82	81	75	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 Lw 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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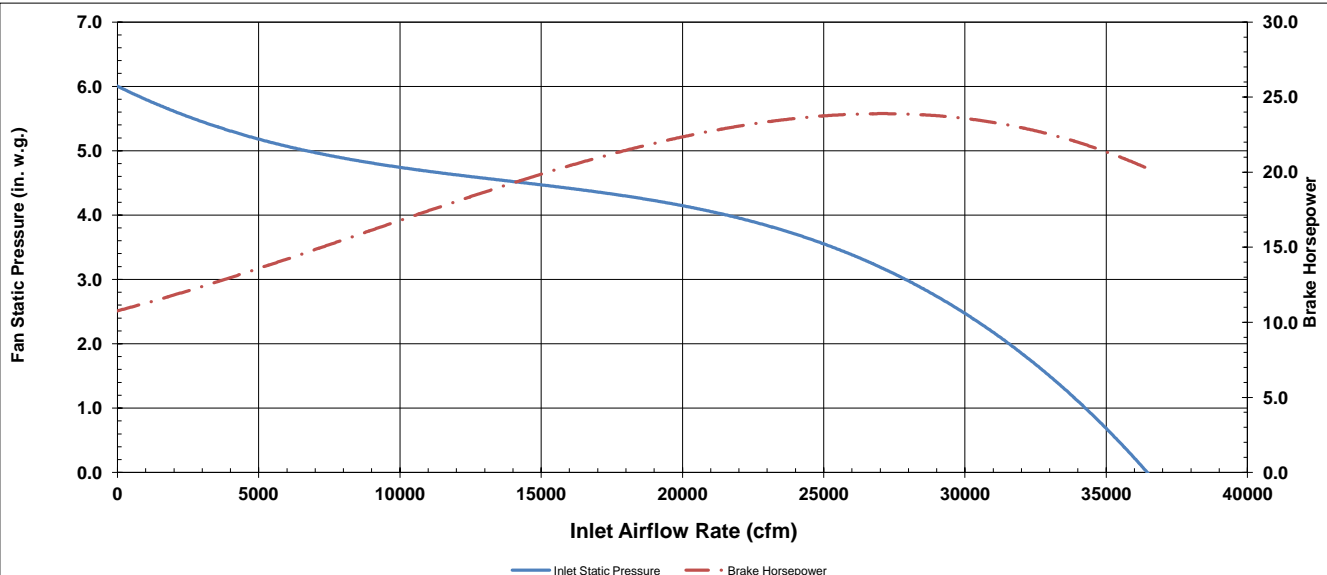
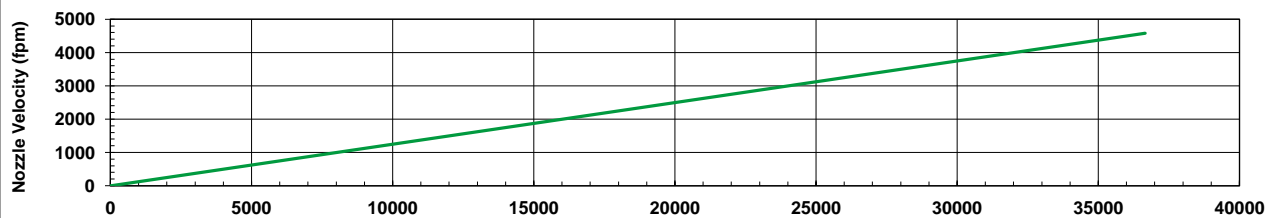
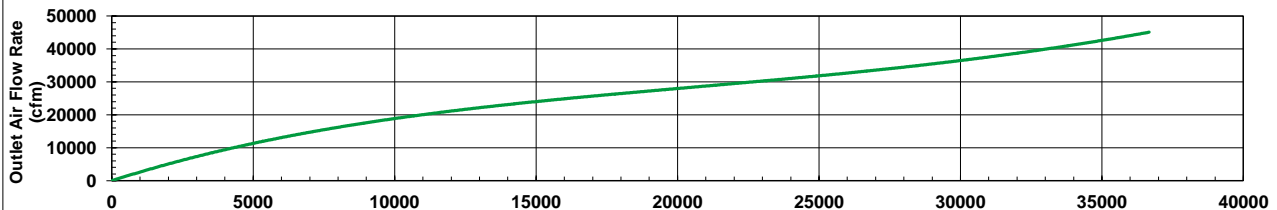
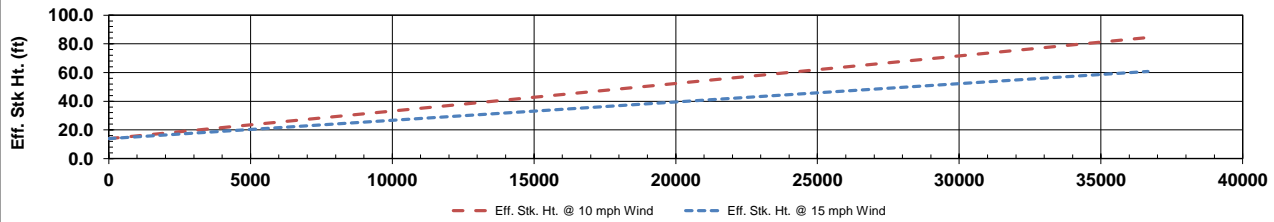
Model #: Tri-Stack™ Series M M58E80N25018

Density: 0.075 lbs./cu. ft.

Windband Area: 15.91 ft<sup>2</sup>

Speed: 875 rpm

Outlet Area: 8.00 ft<sup>2</sup>



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	
875	0.75	93	102	99	97	96	94	94	89	106
875	1.50	91	99	97	96	95	93	93	86	104
875	2.25	90	96	95	95	94	92	91	84	102
875	3.50	94	96	94	93	93	90	87	80	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.

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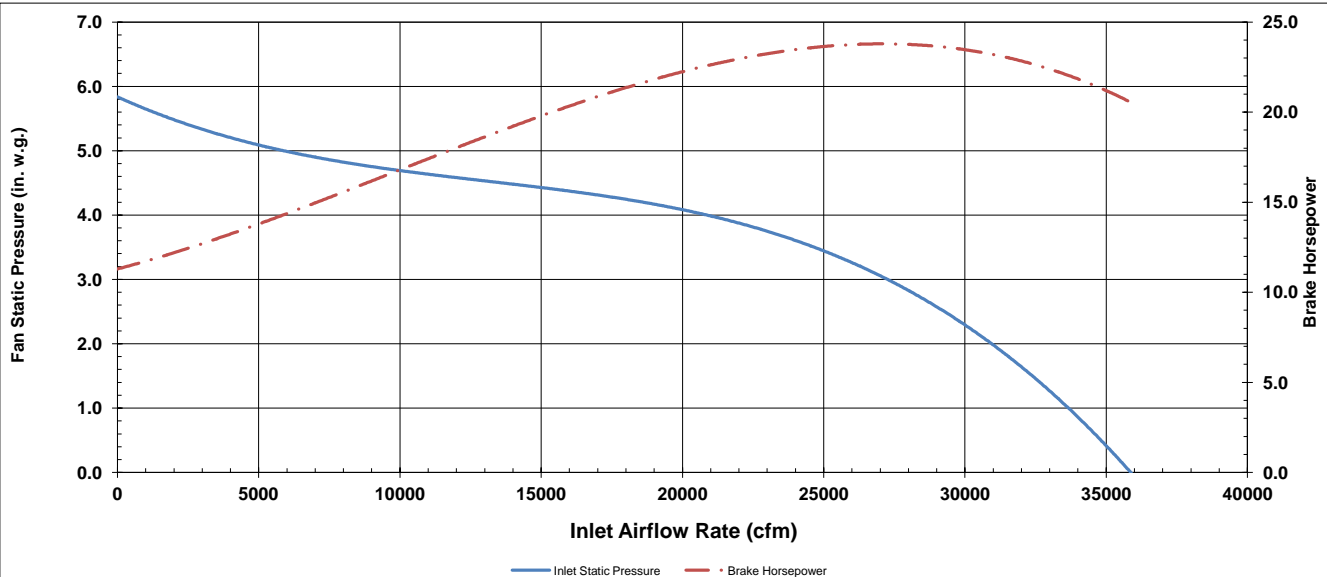
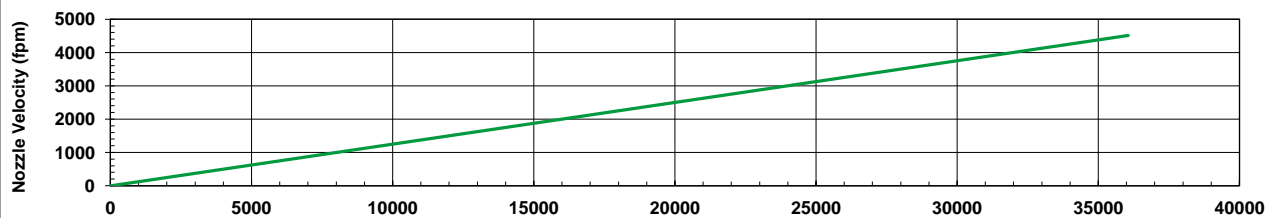
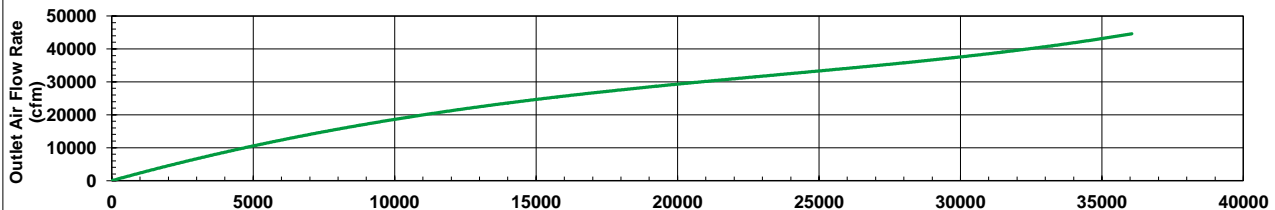
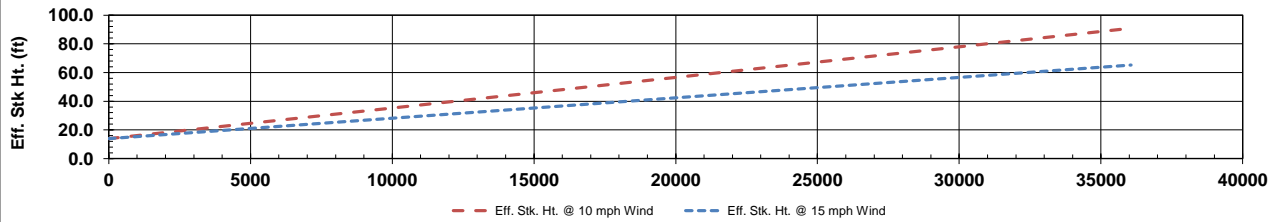
Model #: Tri-Stack™ Series M M58E80S25018

Density: 0.075 lbs./cu. ft.

Windband Area: 19.64 ft<sup>2</sup>

Speed: 875 rpm

Outlet Area: 8.00 ft<sup>2</sup>



#### 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	
875	0.75	86	90	85	82	81	83	85	79	94
875	1.50	85	87	83	81	81	82	83	76	92
875	2.25	84	85	82	80	80	81	82	74	91
875	3.50	87	84	81	78	79	80	78	72	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 Lw 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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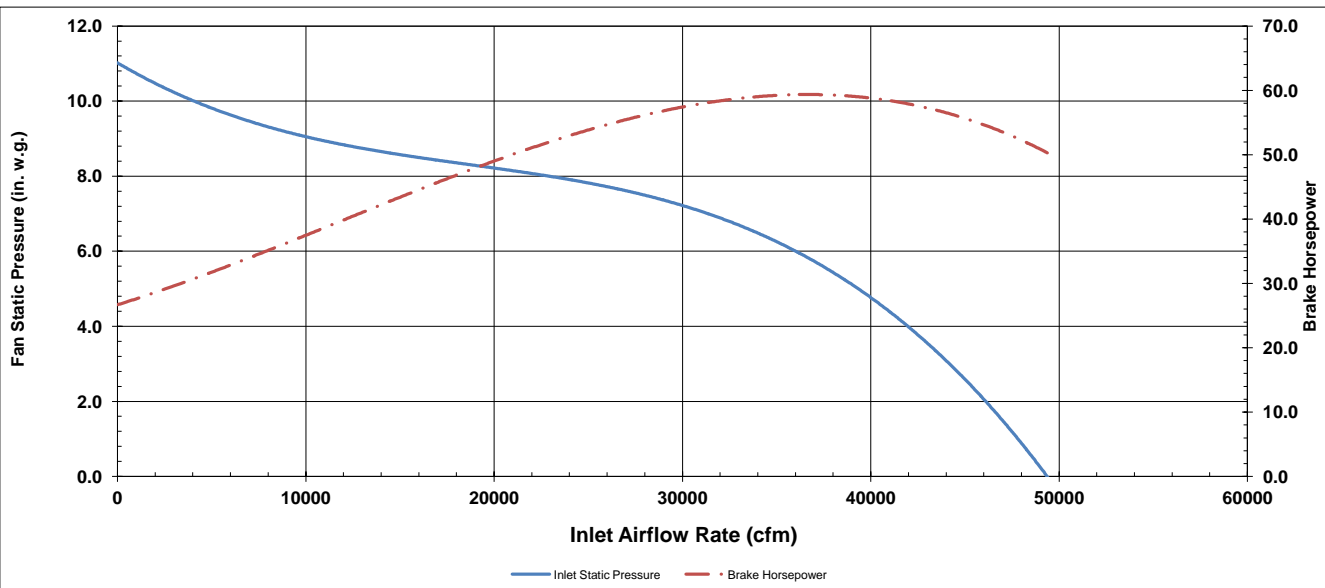
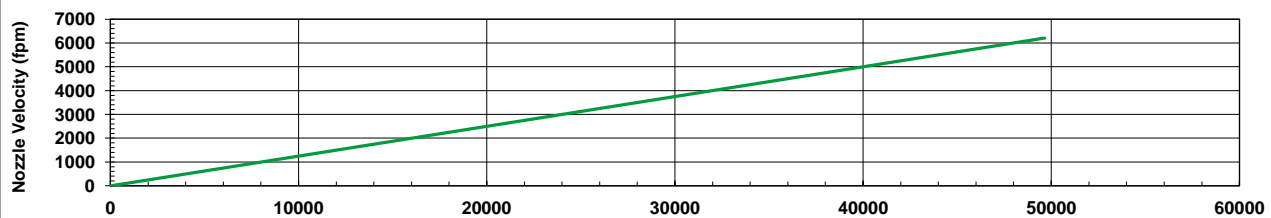
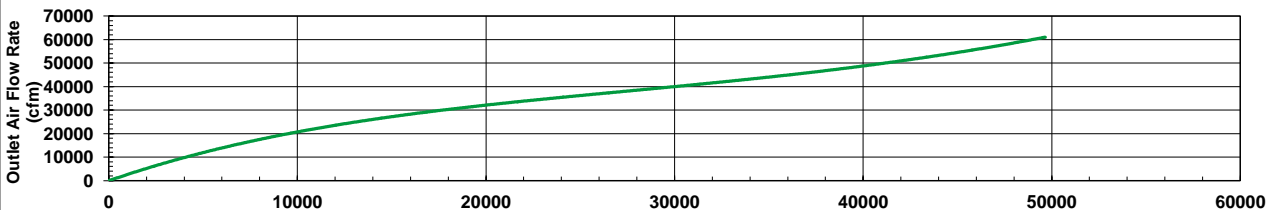
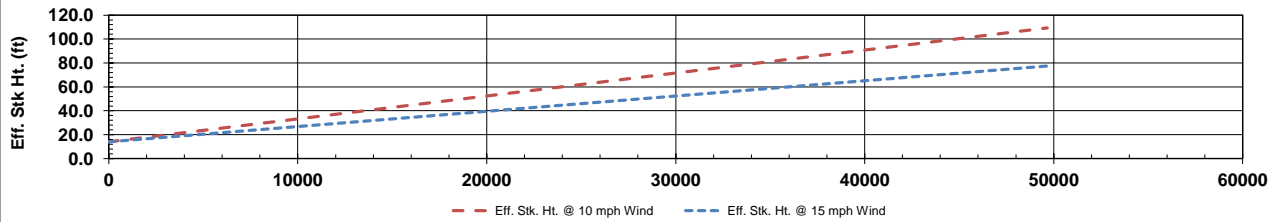
Model #: Tri-Stack™ Series M M58E80N60016

Density: 0.075 lbs./cu. ft.

Windband Area: 15.91 ft<sup>2</sup>

Speed: 1185 rpm

Outlet Area: 8.00 ft<sup>2</sup>



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	1.50	99	109	105	104	103	101	101	96	113
1185	3.00	98	105	103	102	102	100	99	93	111
1185	4.50	97	102	102	101	101	99	98	90	109
1185	6.50	100	103	101	100	99	97	94	87	108

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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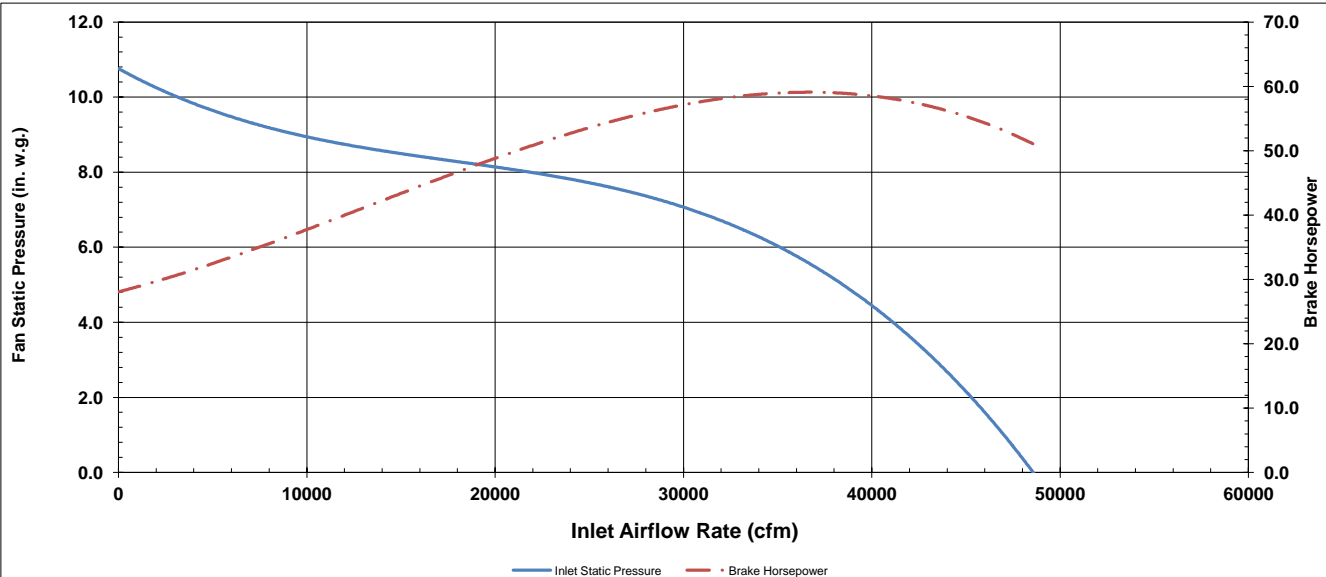
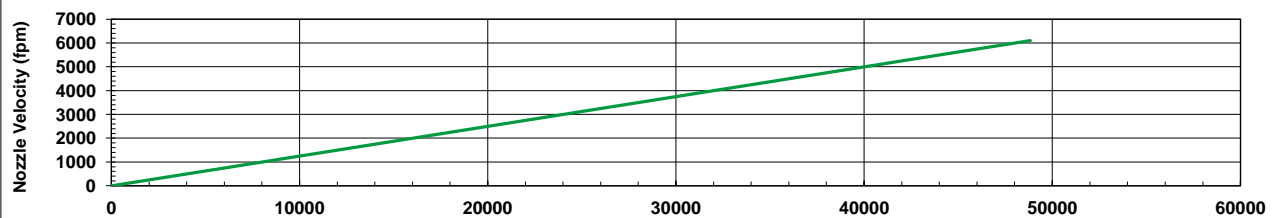
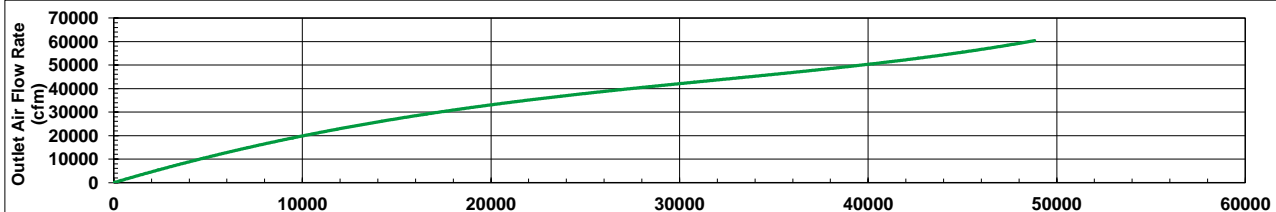
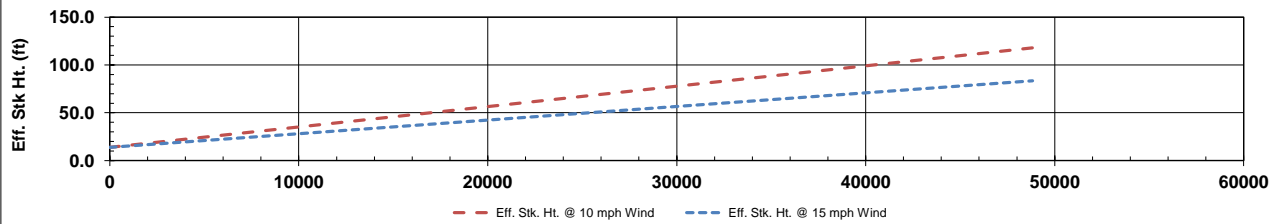
Model #: Tri-Stack™ Series M M58E80S600I6

Density: 0.075 lbs./cu. ft.

Windband Area: 19.64 ft<sup>2</sup>

Speed: 1185 rpm

Outlet Area: 8.00 ft<sup>2</sup>



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	1.50	93	96	92	88	88	89	91	85	101
1185	3.00	91	94	90	87	87	88	90	83	99
1185	4.50	90	91	88	86	87	87	88	81	97
1185	6.50	94	91	87	85	86	86	85	78	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 Lw 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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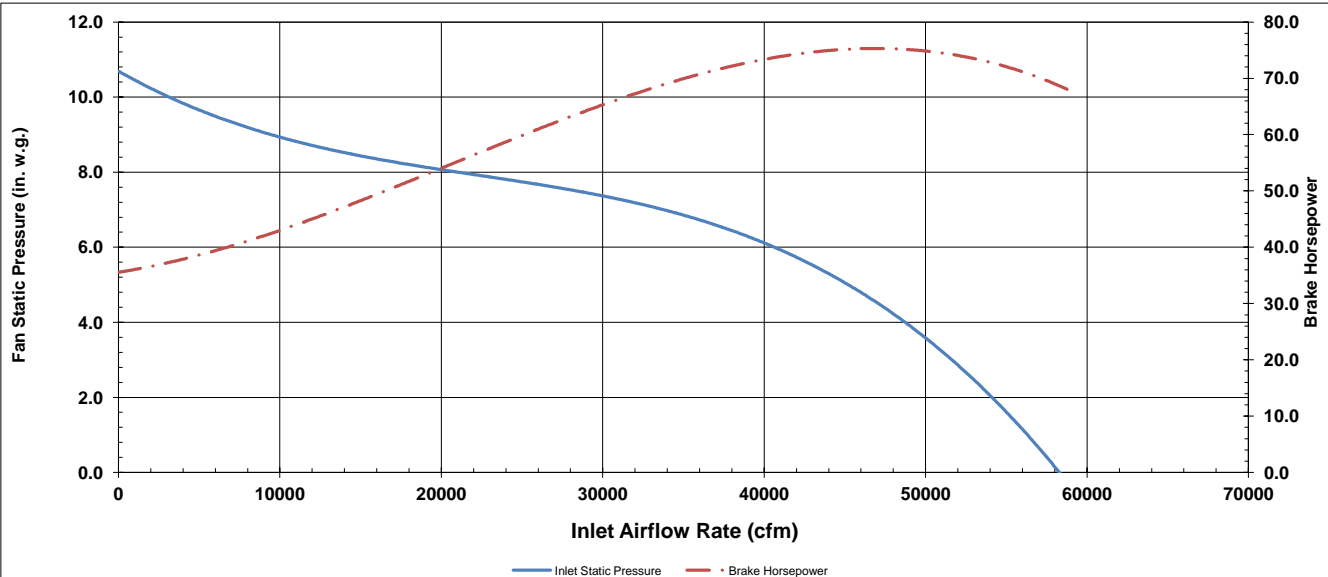
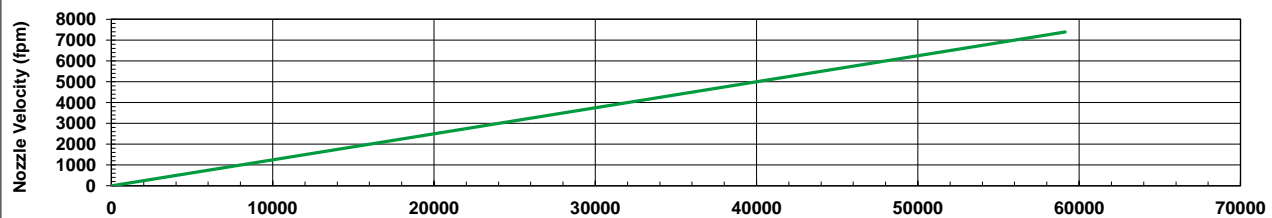
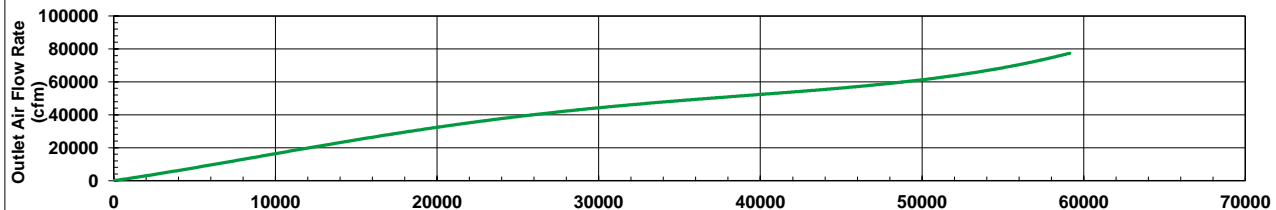
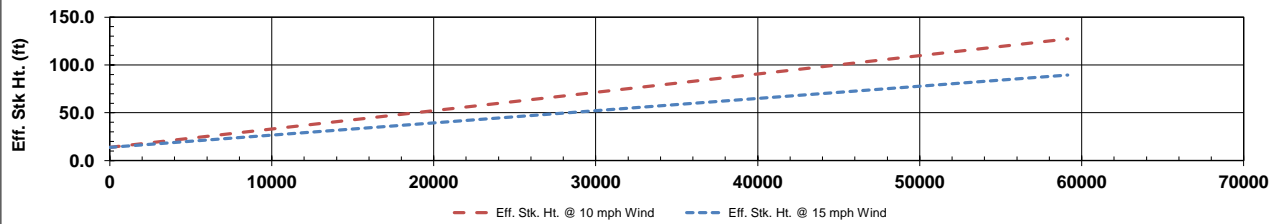
Model #: Tri-Stack™ Series M M58F80N75016

Density: 0.075 lbs./cu. ft.

Windband Area: 15.91 ft<sup>2</sup>

Speed: 1185 rpm

Outlet Area: 8.00 ft<sup>2</sup>



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	1.50	102	108	106	106	105	102	101	96	113
1185	3.00	100	108	106	105	104	101	100	93	113
1185	4.50	99	108	105	104	104	100	98	90	112
1185	6.50	106	106	104	104	102	98	94	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 Lw 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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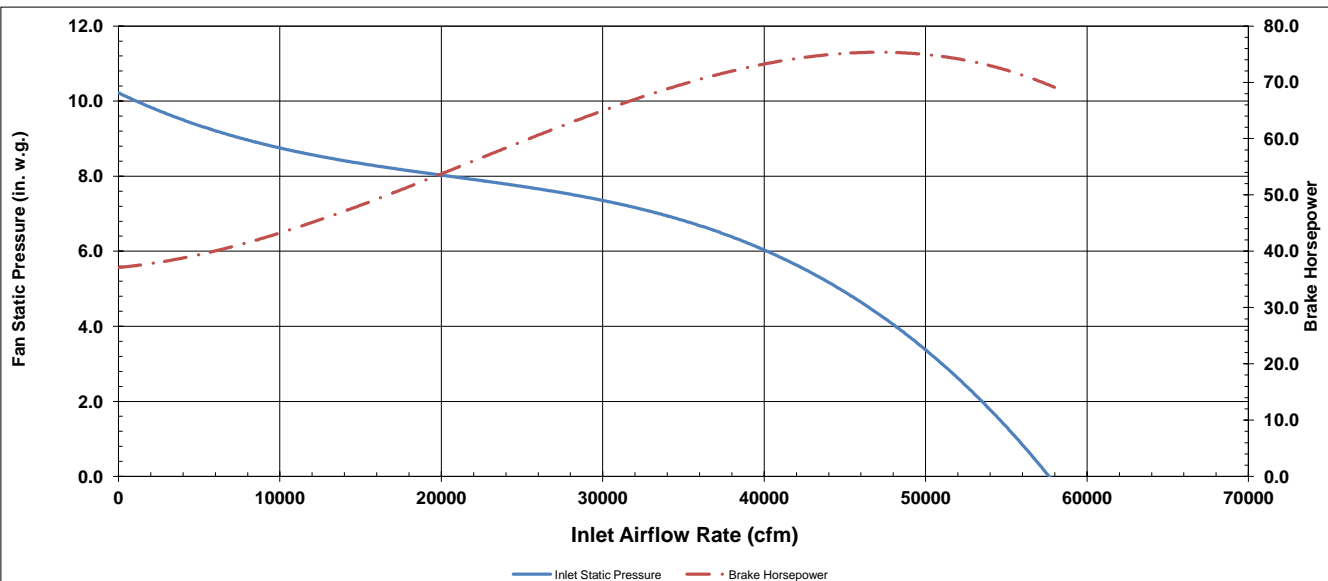
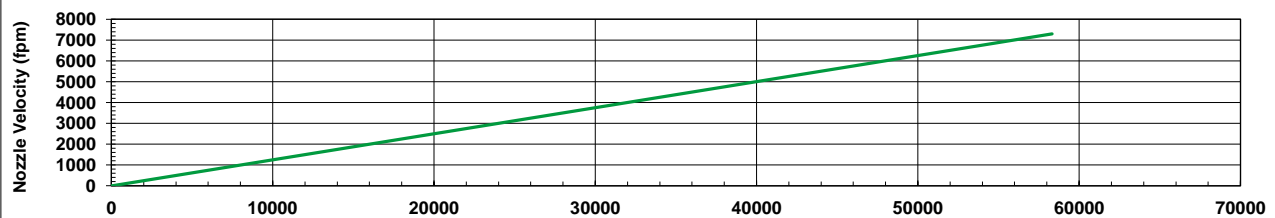
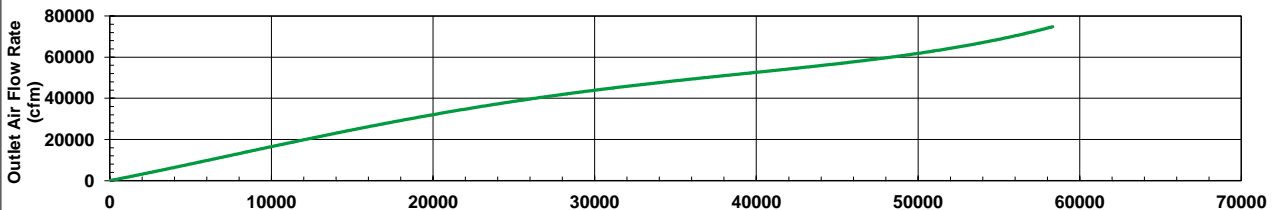
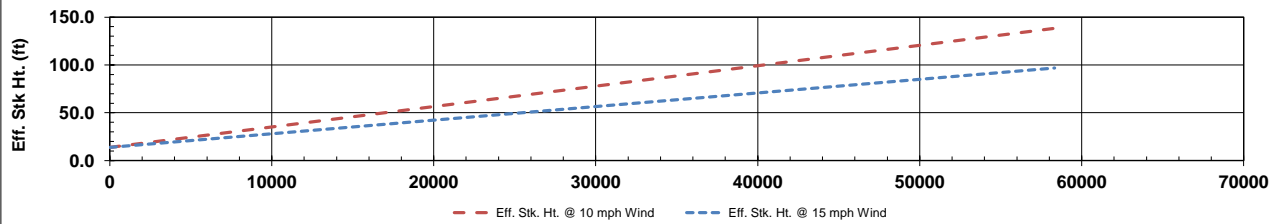
Model #: Tri-Stack™ Series M M58F80S75016

Density: 0.075 lbs./cu. ft.

Windband Area: 19.64 ft<sup>2</sup>

Speed: 1185 rpm

Outlet Area: 8.00 ft<sup>2</sup>



#### 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	1.50	95	96	94	90	90	90	92	88	102
1185	3.00	94	95	93	90	90	89	91	86	101
1185	4.50	93	95	92	89	89	89	89	84	100
1185	6.50	98	94	91	88	88	87	85	80	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 Lw 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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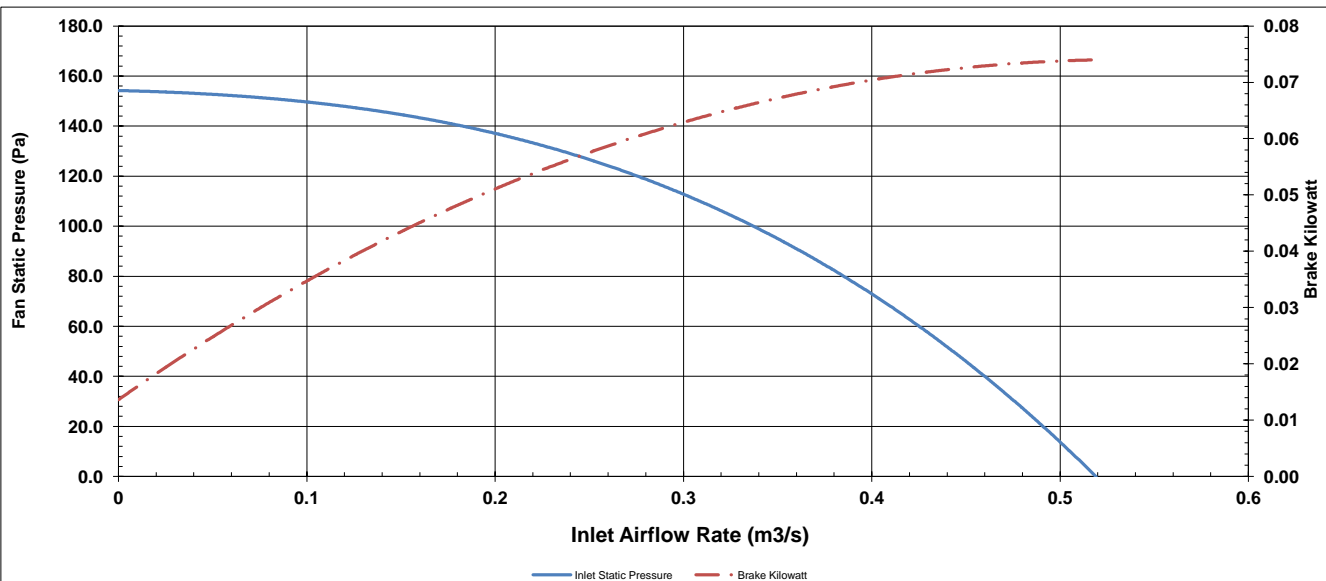
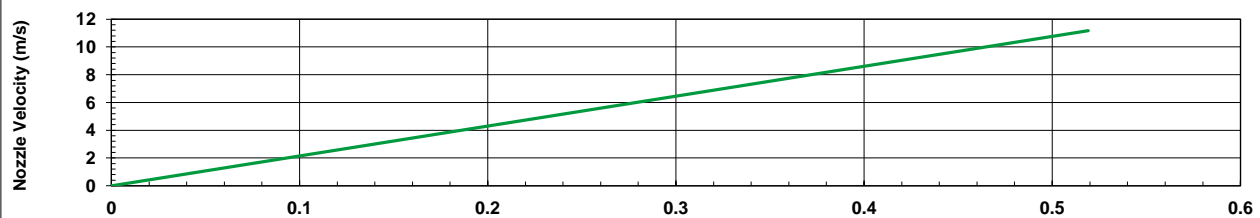
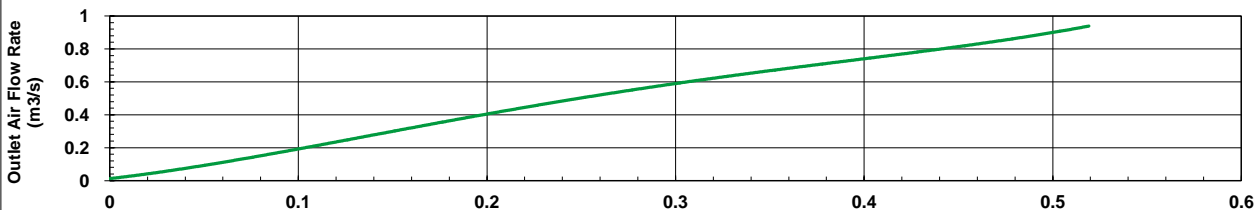
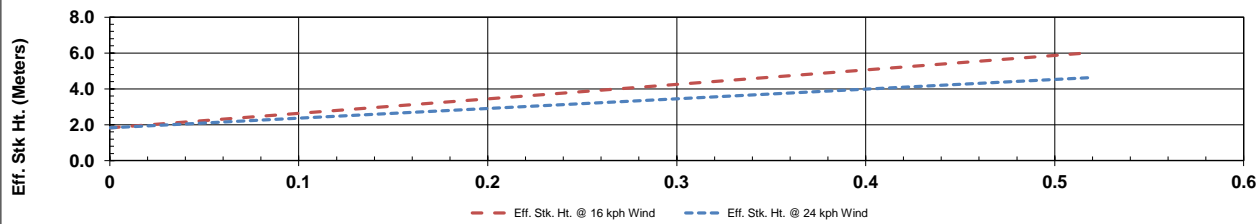
Model #: Tri-Stack™ Series M M24A05N007M6

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 0.25 M<sup>2</sup>

Speed: 920 rpm

Outlet Area: .50 M<sup>2</sup>



Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (Pa)	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	
920	0.00	60	59	59	60	62	61	56	46	69
920	0.00	57	59	58	59	61	59	54	45	67
920	62.27	58	59	58	59	60	57	52	43	66
920	62.27	60	61	59	58	59	56	50	43	67

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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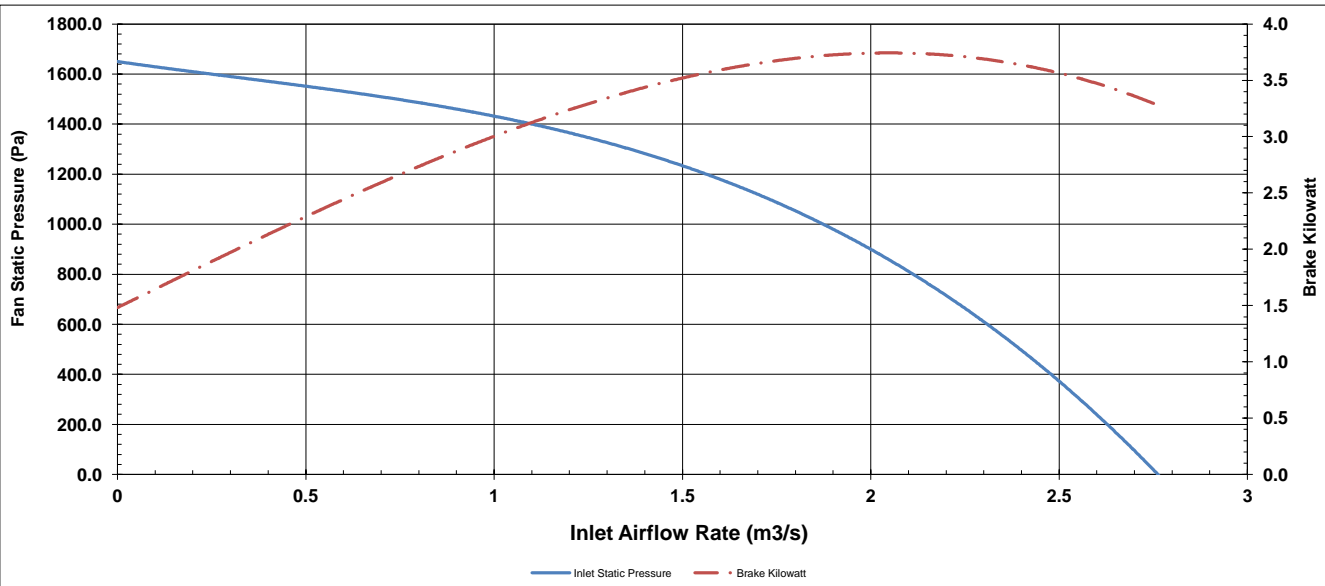
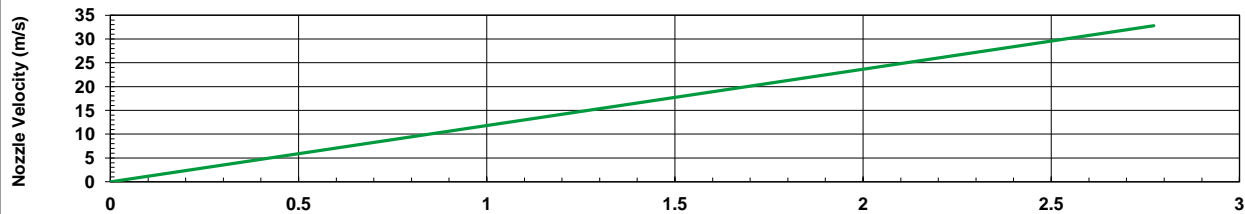
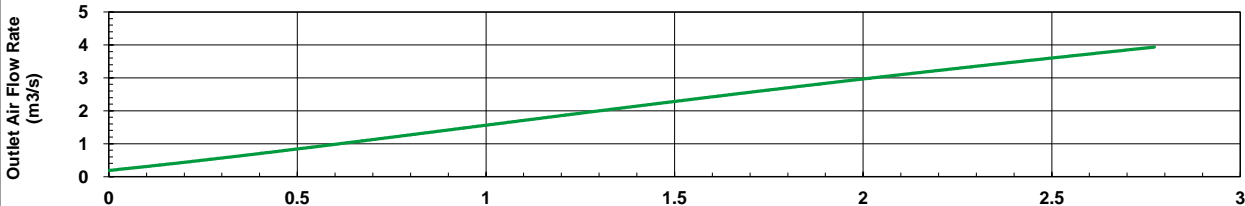
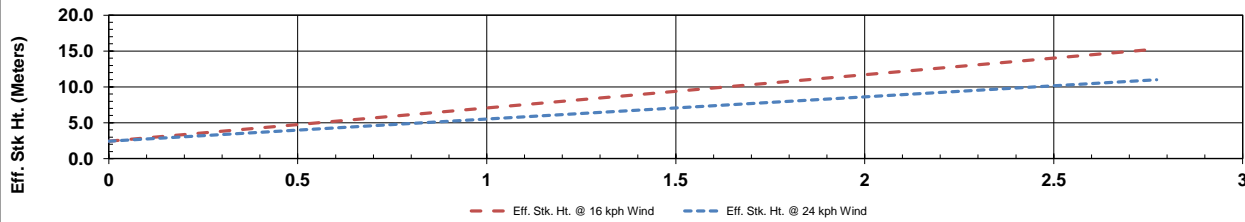
Model #: Tri-Stack™ Series M M33A10N040M4

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 0.66 M<sup>2</sup>

Speed: 1430 rpm

Outlet Area: .91 M<sup>2</sup>



Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (Pa)	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	
1430	0.00	78	85	88	87	89	84	81	71	92
1430	311.36	77	84	87	86	87	83	79	70	91
1430	622.72	79	85	87	86	87	82	77	69	90
1430	934.08	81	87	91	87	86	81	75	67	90

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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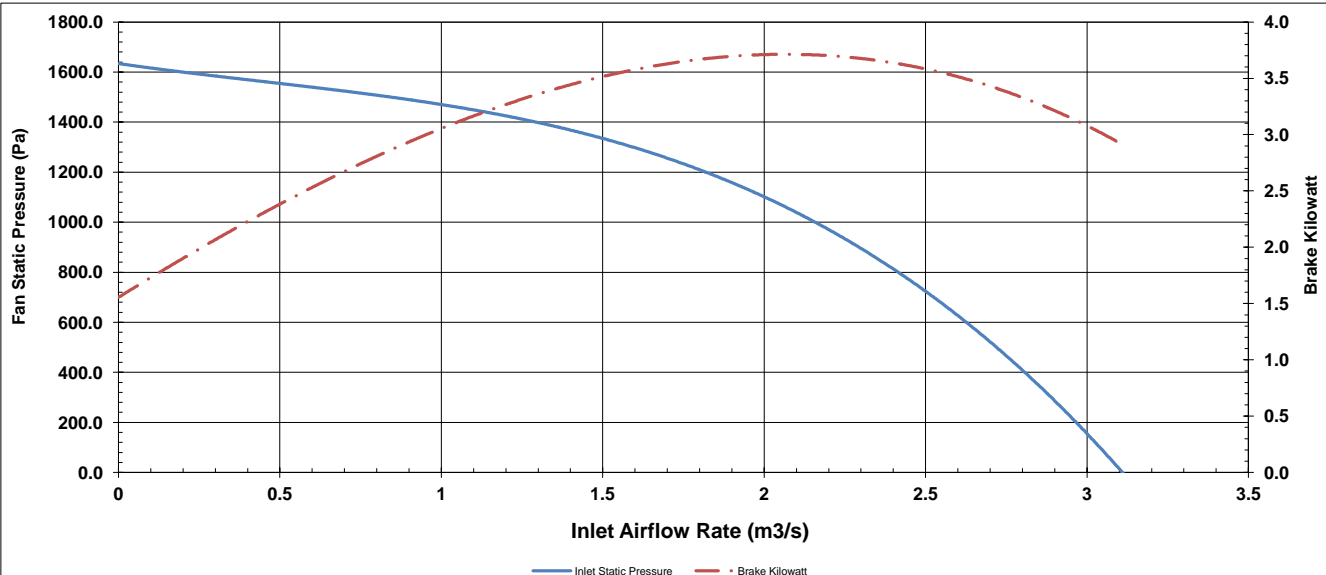
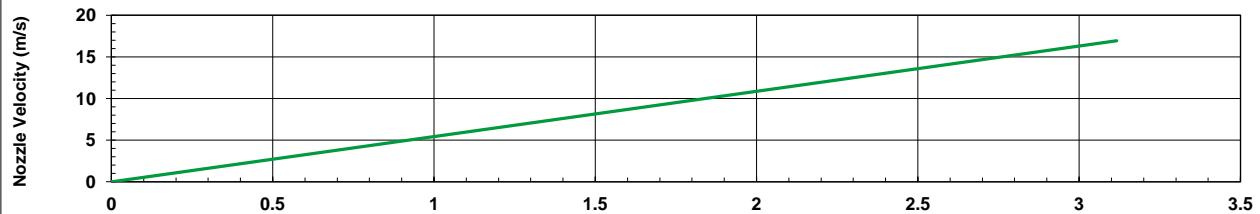
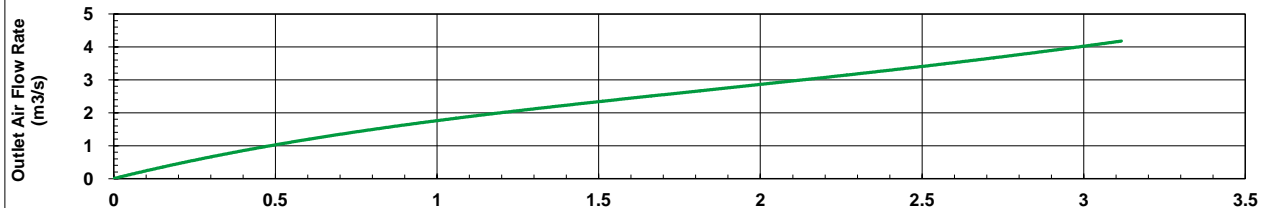
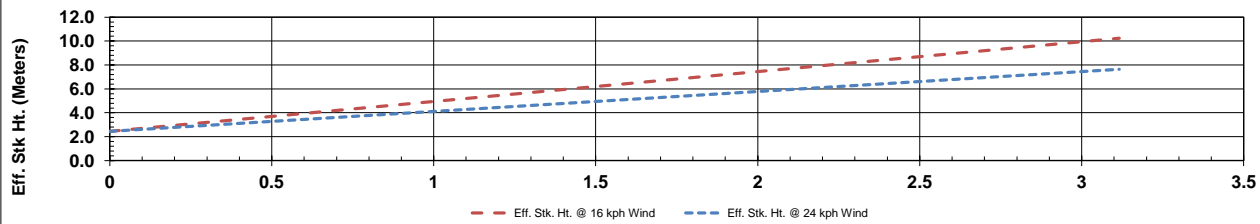
Model #: Tri-Stack™ Series M M33A20N040M4

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 0.66 M<sup>2</sup>

Speed: 1430 rpm

Outlet Area: 1.98 M<sup>2</sup>



Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (Pa)	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	
1430	0.00	82	83	88	88	90	87	84	77	94
1430	311.36	82	84	92	88	90	86	83	74	94
1430	622.72	81	83	92	87	89	85	81	73	93
1430	934.08	80	82	89	86	88	85	78	71	91

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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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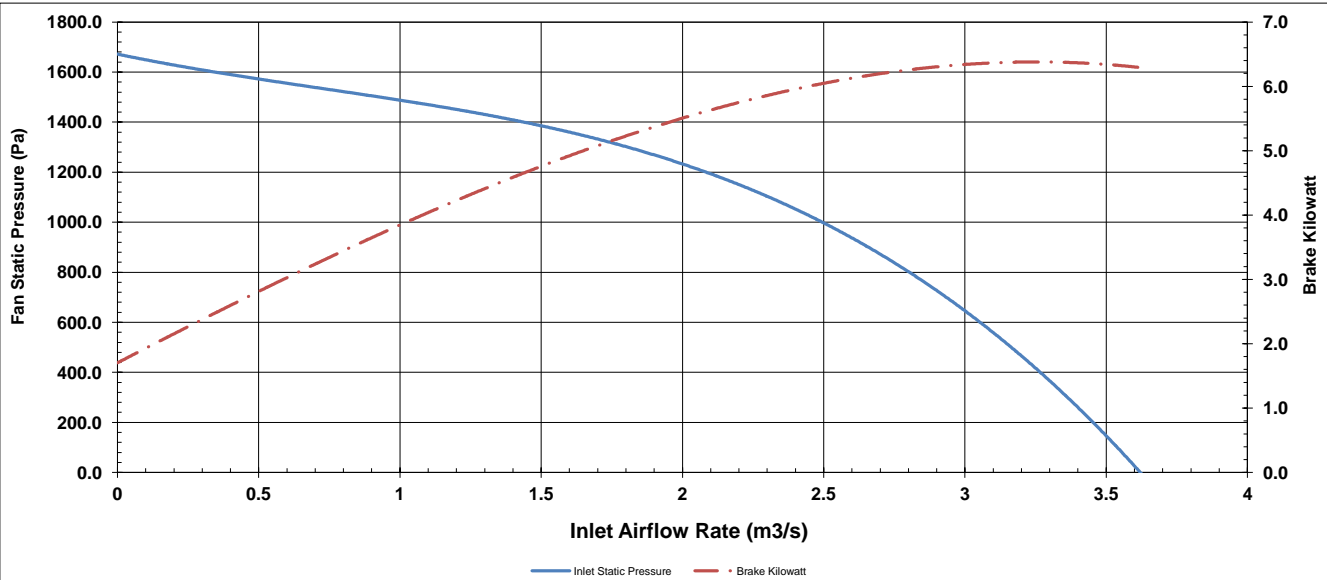
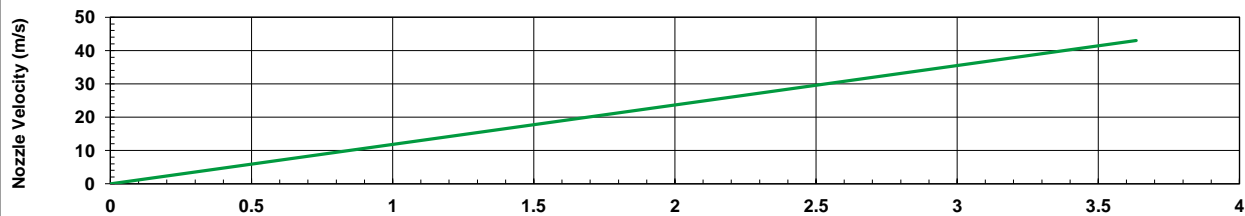
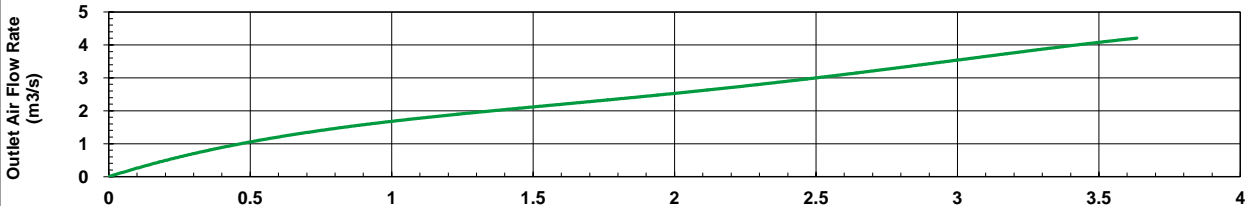
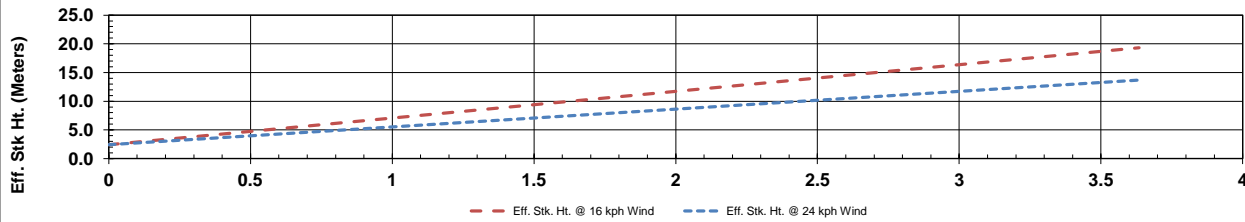
Model #: Tri-Stack™ Series M M33B10N075M4

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 0.66 M<sup>2</sup>

Speed: 1440 rpm

Outlet Area: .91 M<sup>2</sup>



Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (Pa)	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	
1440	0.00	81	83	91	86	90	88	86	76	94
1440	311.36	80	83	91	86	90	87	84	74	94
1440	622.72	79	86	90	87	90	86	82	73	93
1440	934.08	81	91	92	89	90	85	80	72	93

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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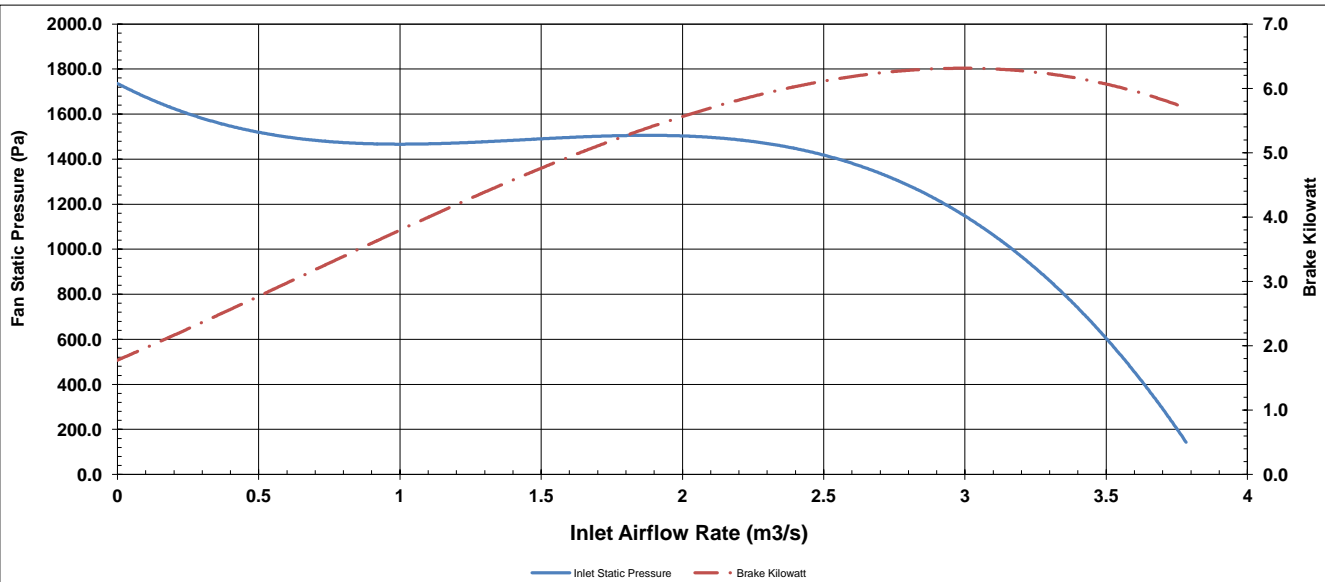
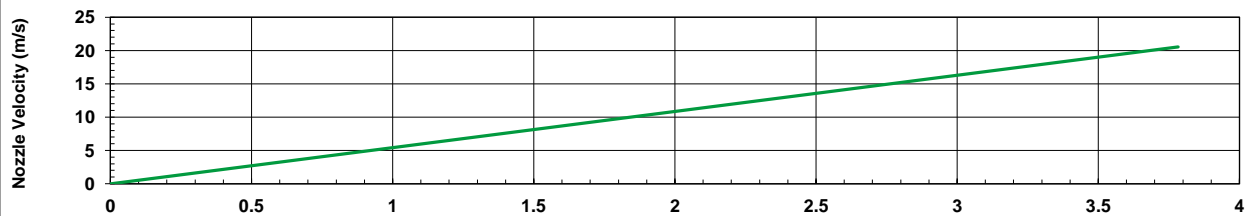
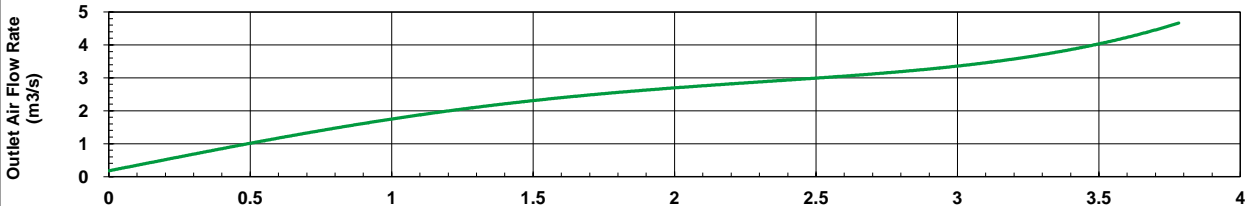
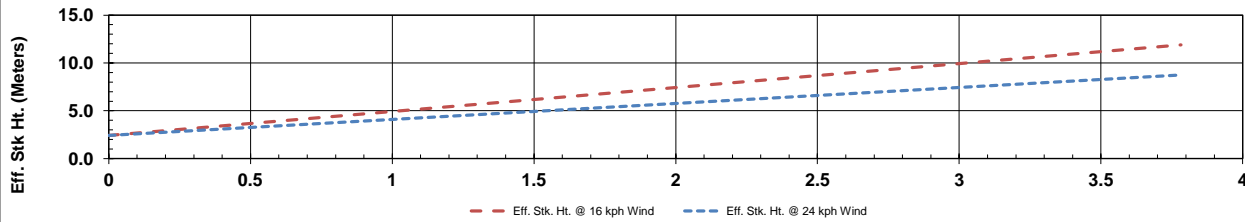
Model #: Tri-Stack™ Series M M33B20N075M4

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 0.66 M<sup>2</sup>

Speed: 1440 rpm

Outlet Area: 1.98 M<sup>2</sup>



Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (Pa)	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	
1440	0.00	83	85	90	91	93	92	92	84	98
1440	311.36	82	84	90	89	92	91	90	81	97
1440	622.72	81	83	89	89	91	90	87	78	96
1440	934.08	81	83	90	88	91	89	85	76	95

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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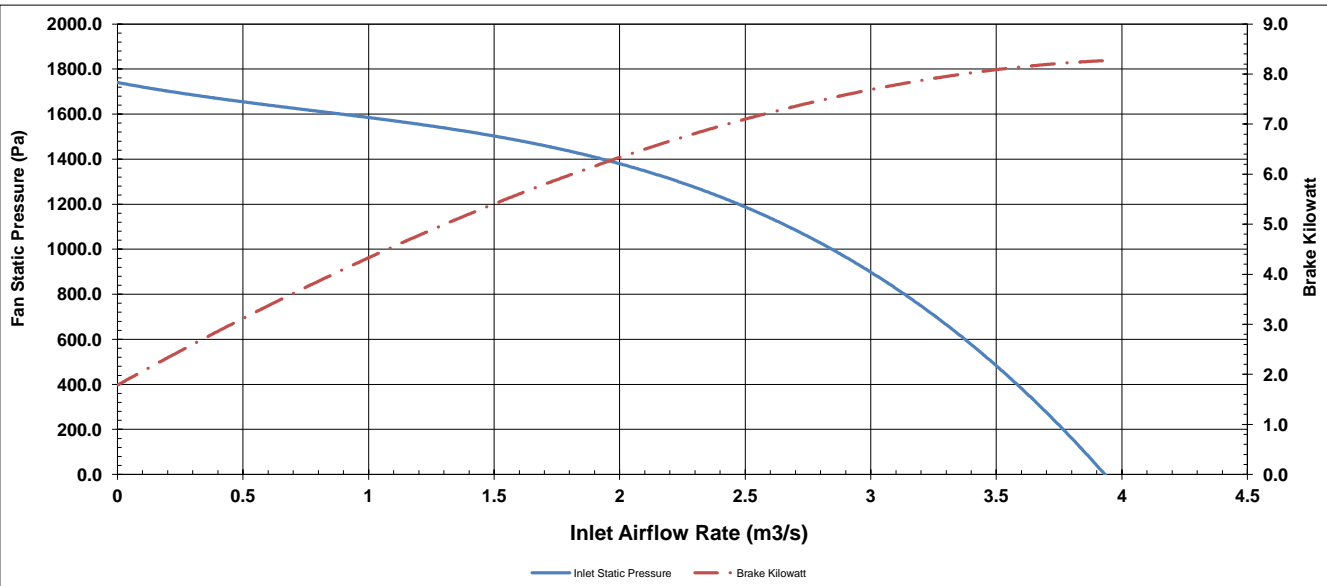
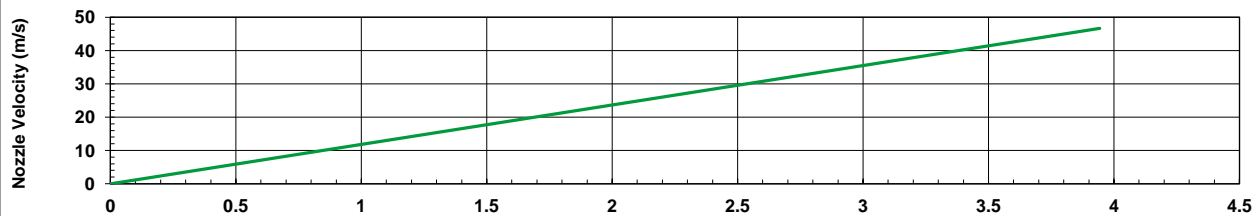
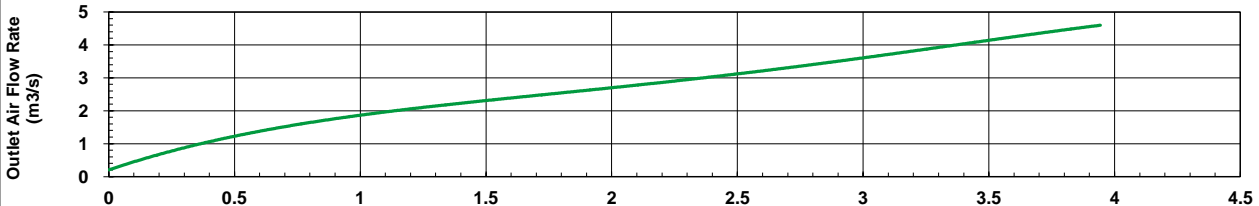
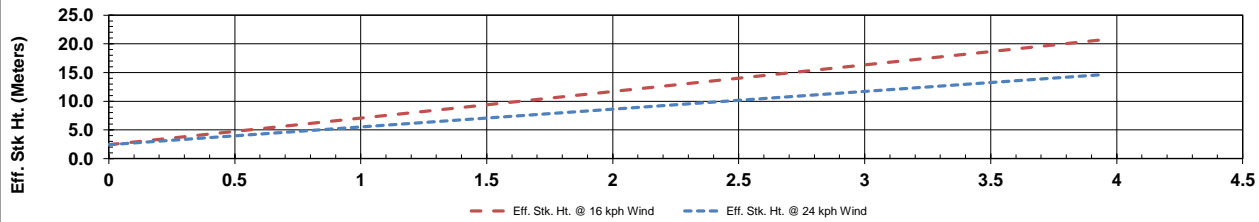
Model #: Tri-Stack™ Series M M33C10N150M4

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 0.66 M<sup>2</sup>

Speed: 1460 rpm

Outlet Area: .91 M<sup>2</sup>



Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (Pa)	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	
1460	0.00	82	85	95	92	93	90	87	78	97
1460	311.36	83	86	94	90	92	89	85	76	96
1460	622.72	82	89	94	90	92	89	84	75	96
1460	996.36	83	93	94	90	93	89	83	74	96

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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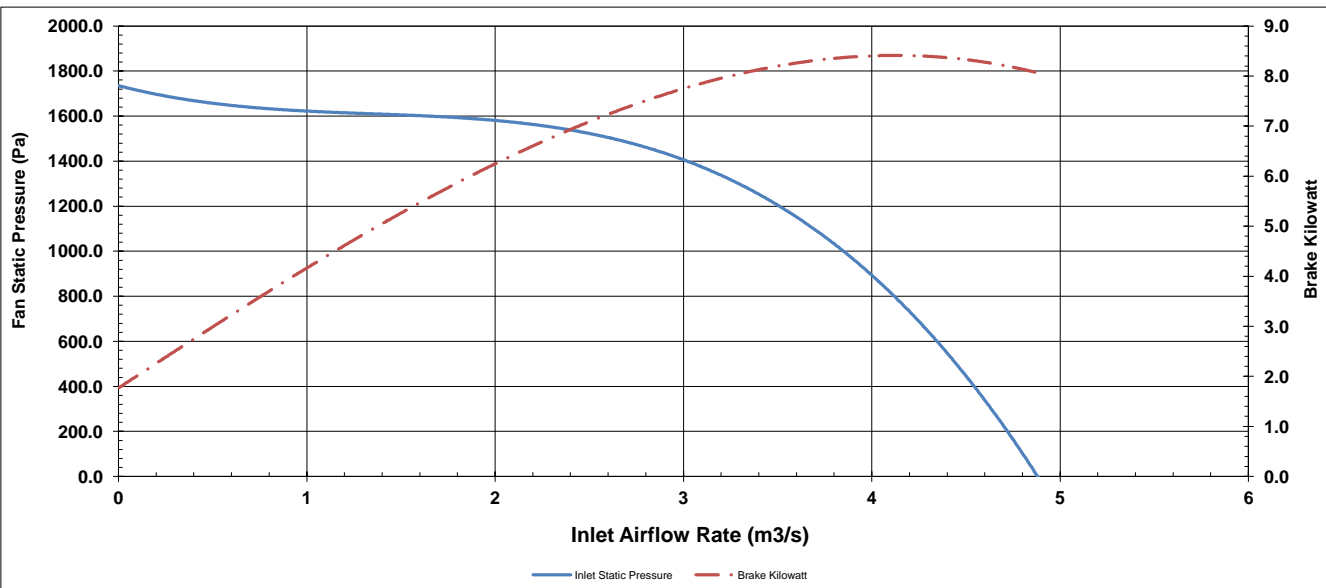
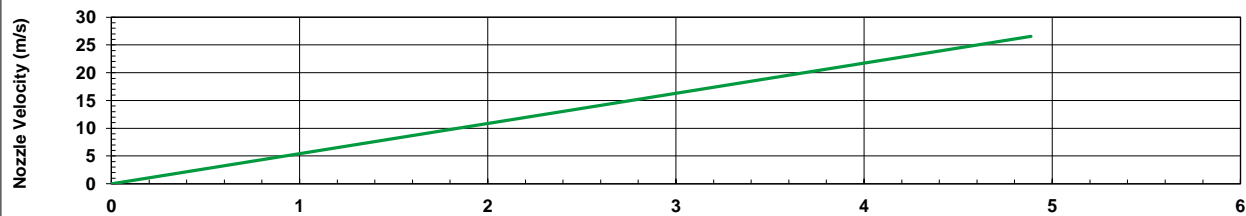
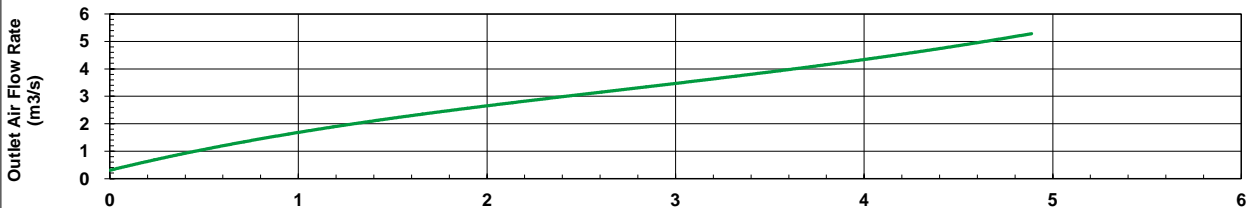
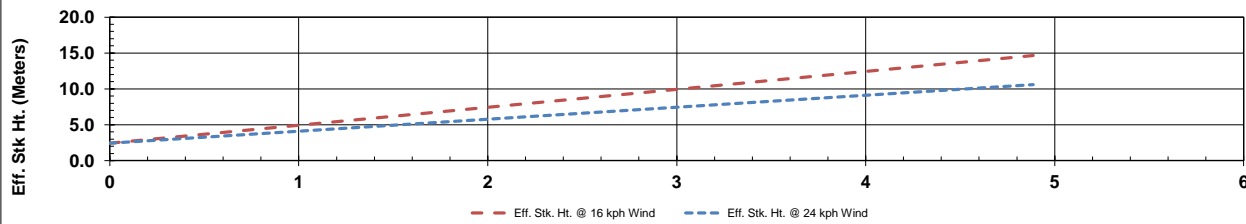
Model #: Tri-Stack™ Series M M33C20N150M4

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 0.66 M<sup>2</sup>

Speed: 1460 rpm

Outlet Area: 1.98 M<sup>2</sup>



Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (Pa)	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	
1460	0.00	86	90	95	96	96	94	91	87	100
1460	311.36	85	88	93	95	95	93	90	85	100
1460	622.72	84	87	92	93	95	92	88	83	99
1460	996.36	83	89	93	92	95	92	87	81	98

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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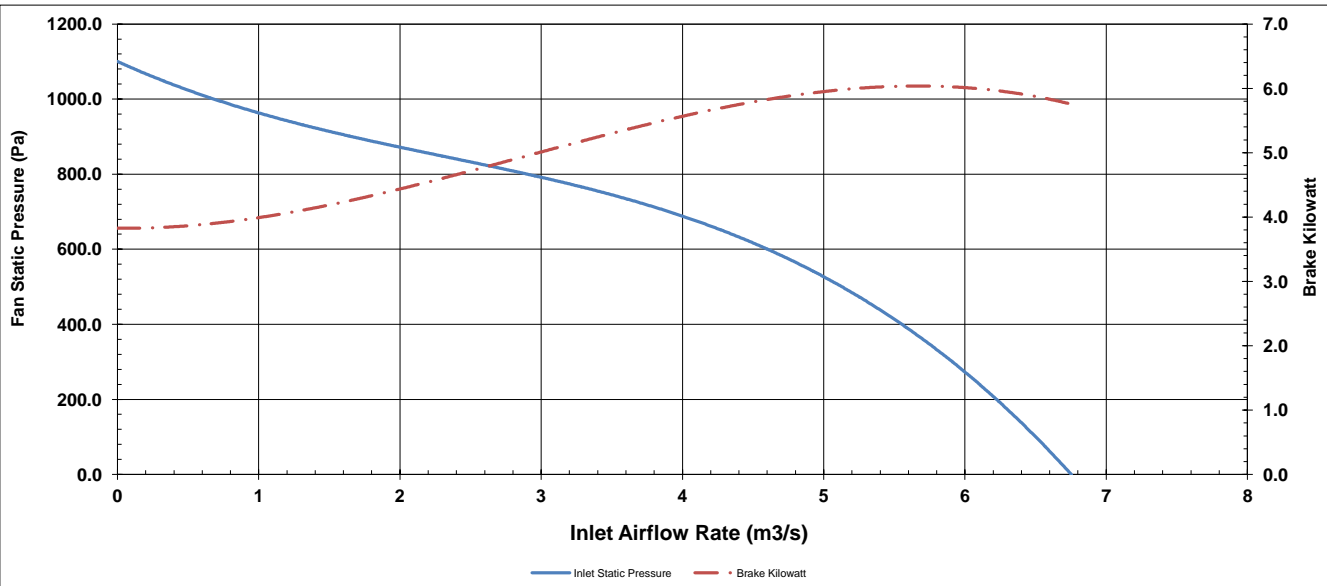
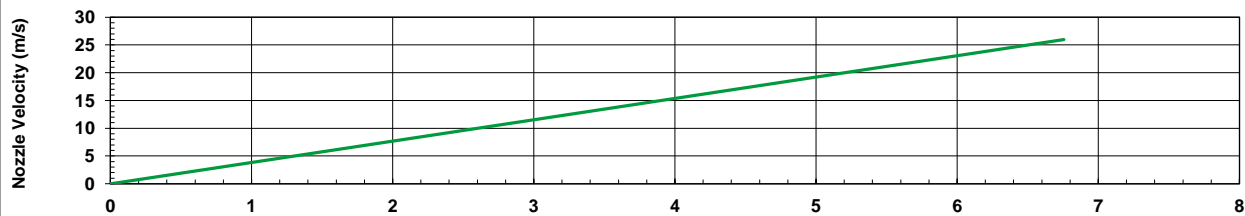
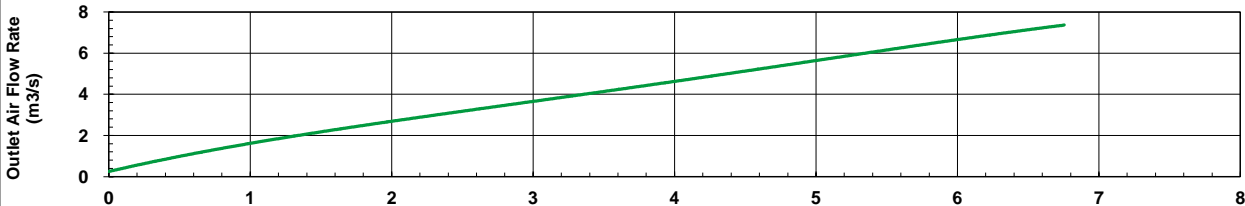
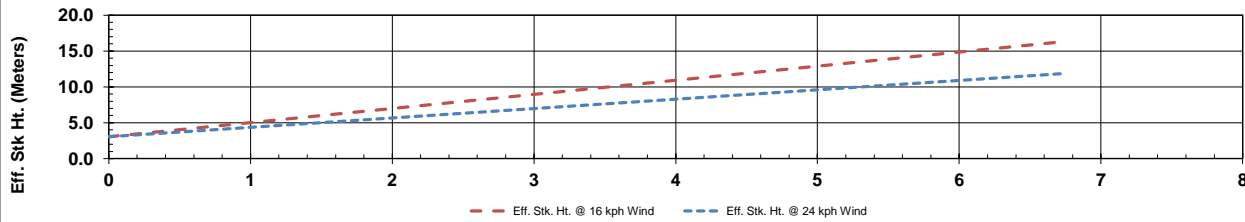
Model #: Tri-Stack™ Series M M42C30N075M6

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 0.9 M<sup>2</sup>

Speed: 970 rpm

Outlet Area: 2.80 M<sup>2</sup>



#### Outlet Sound Power Lw(dB) by Octave Band

RPM	Ps (Pa)	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	
970	0.00	84	87	89	88	87	84	82	70	92
970	124.54	84	88	88	87	86	83	79	68	91
970	311.36	85	87	87	86	85	81	77	67	89
970	498.18	86	87	87	86	85	80	74	66	89

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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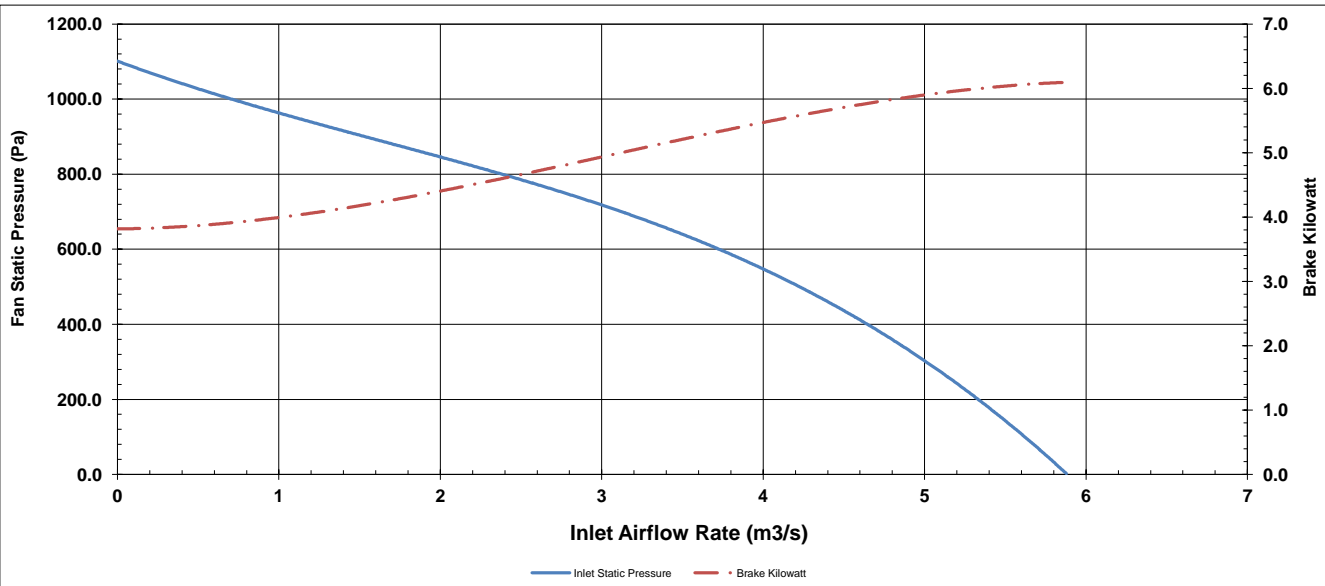
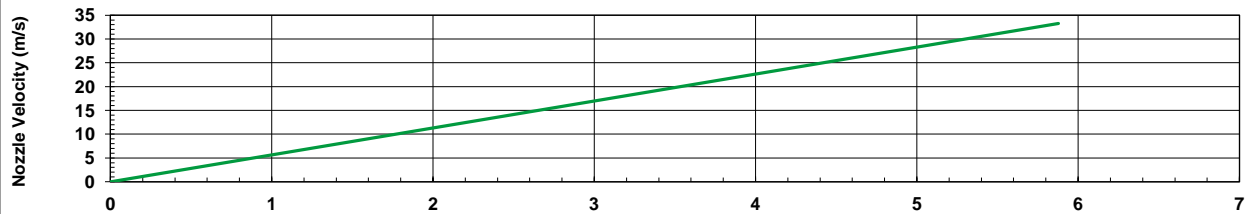
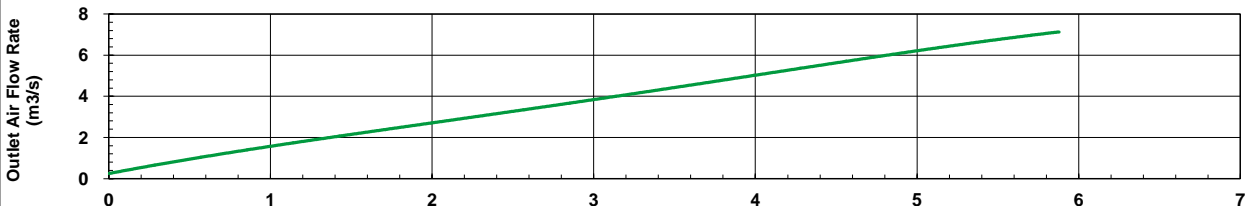
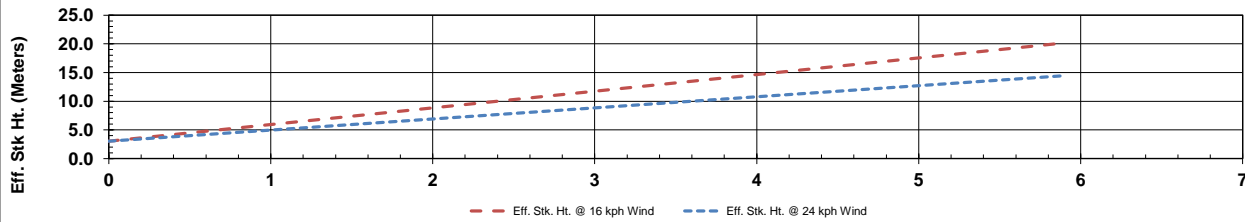
Model #: Tri-Stack™ Series M M42C20N075M6

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 0.9 M<sup>2</sup>

Speed: 970 rpm

Outlet Area: 1.90 M<sup>2</sup>



#### Outlet Sound Power Lw(dB) by Octave Band

RPM	Ps (Pa)	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	
970	0.00	87	87	87	86	85	82	77	68	89
970	124.54	90	88	87	86	84	81	75	67	89
970	311.36	87	88	87	86	84	80	73	66	88
970	498.18	89	90	88	87	85	80	73	66	89

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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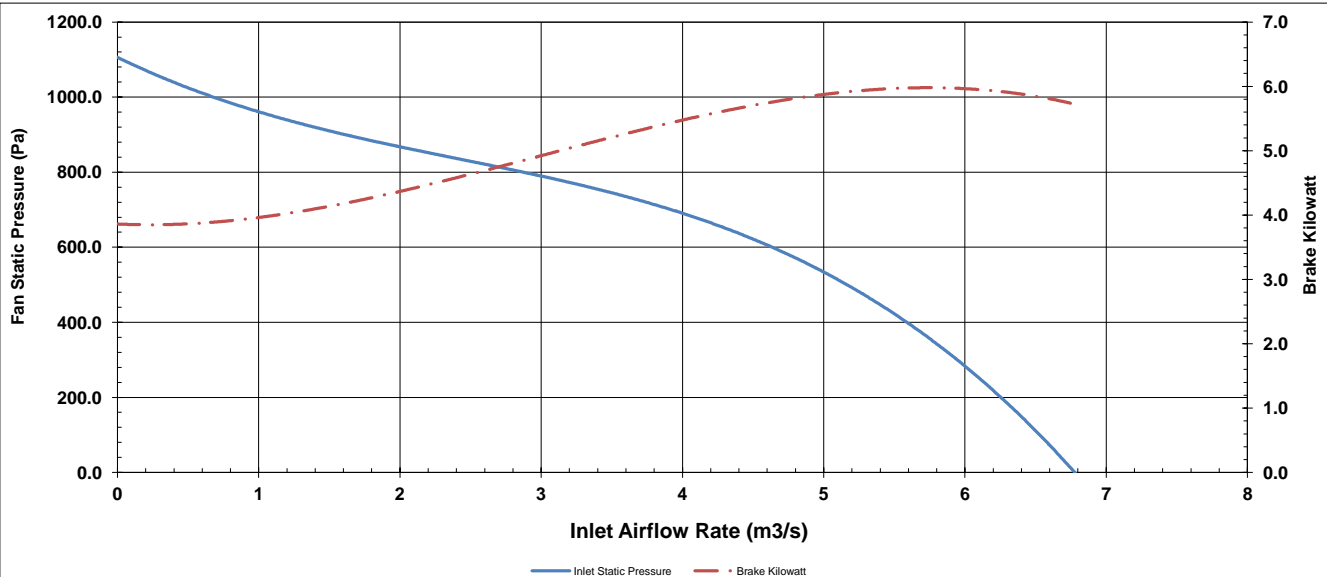
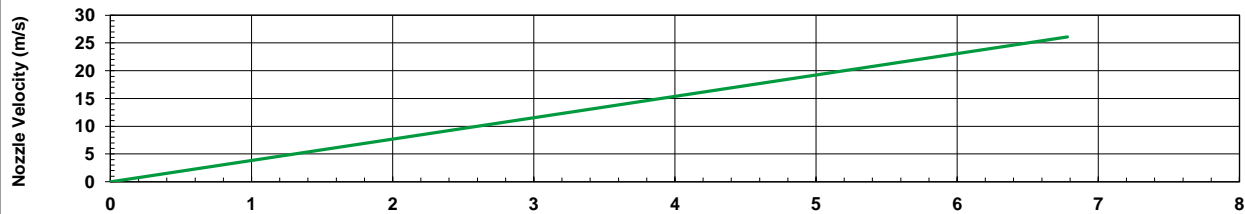
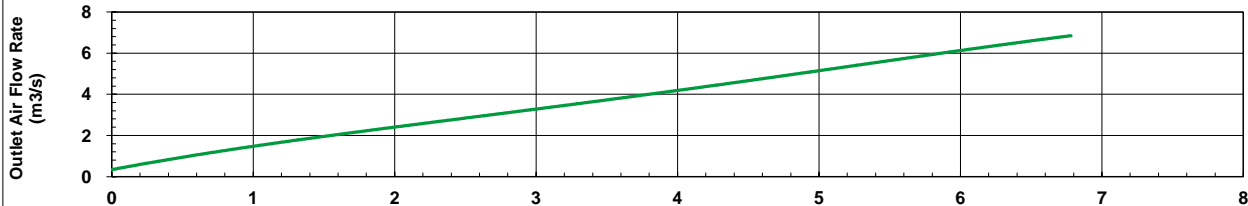
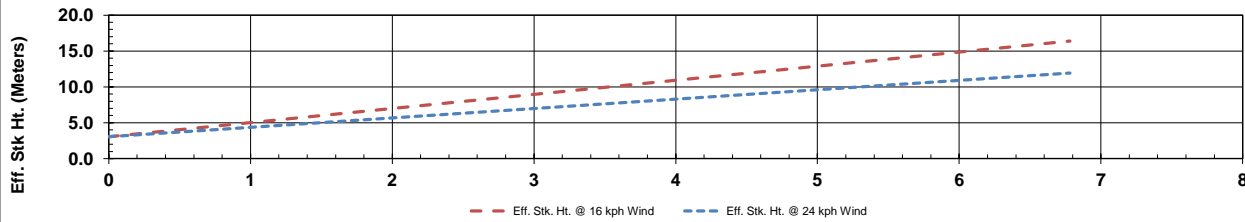
Model #: Tri-Stack™ Series M M42C30S075M6

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 1.1 M<sup>2</sup>

Speed: 970 rpm

Outlet Area: 2.80 M<sup>2</sup>



Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (Pa)	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	
970	0.00	89	86	85	80	75	73	75	69	83
970	124.54	86	86	84	79	75	72	73	68	82
970	311.36	86	85	83	78	74	71	71	67	81
970	498.18	87	85	83	78	73	70	69	66	80

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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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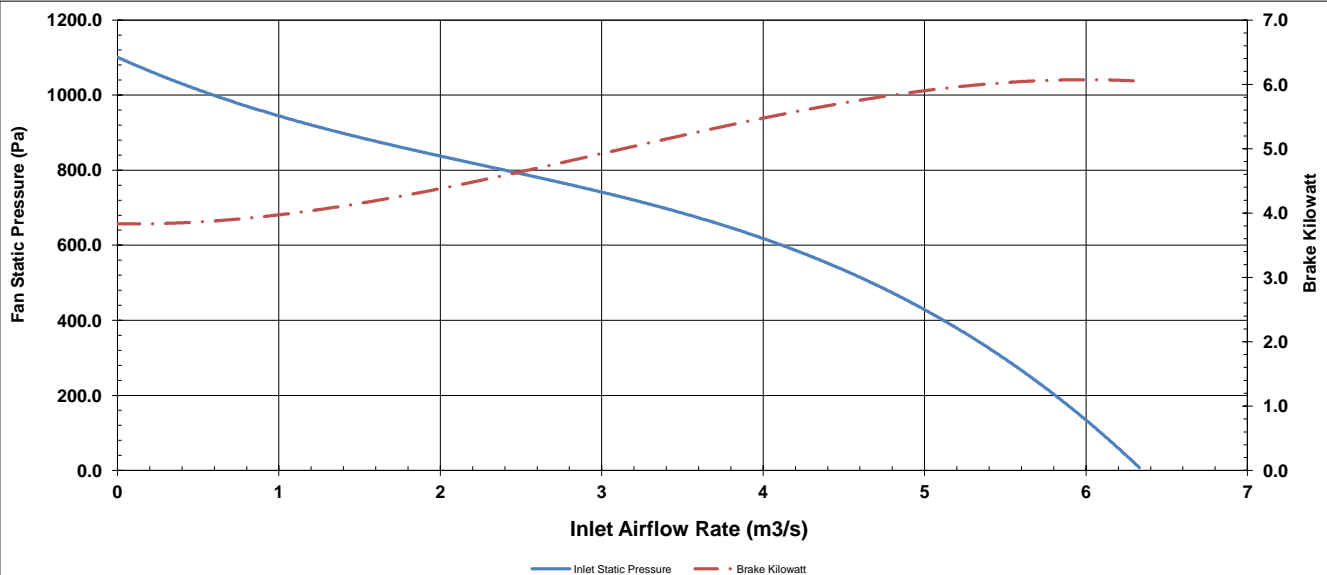
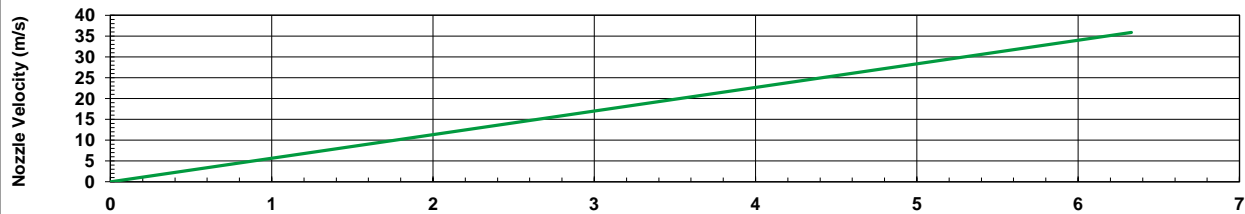
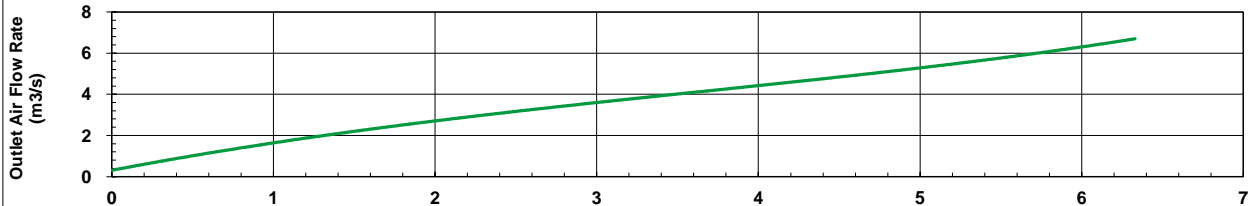
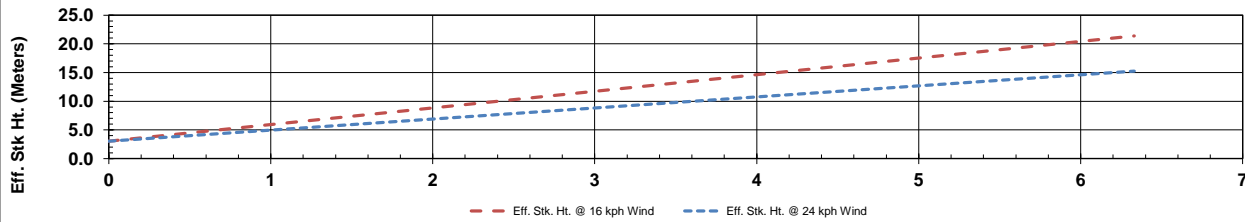
Model #: Tri-Stack™ Series M M42C20S075M6

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 1.1 M<sup>2</sup>

Speed: 970 rpm

Outlet Area: 1.90 M<sup>2</sup>



#### Outlet Sound Power Lw(dB) by Octave Band

RPM	Ps (Pa)	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	
970	0.00	84	83	83	80	77	74	74	70	83
970	124.54	87	84	83	79	76	72	73	69	82
970	311.36	86	84	83	79	75	71	71	67	81
970	498.18	87	85	84	78	74	70	70	66	81

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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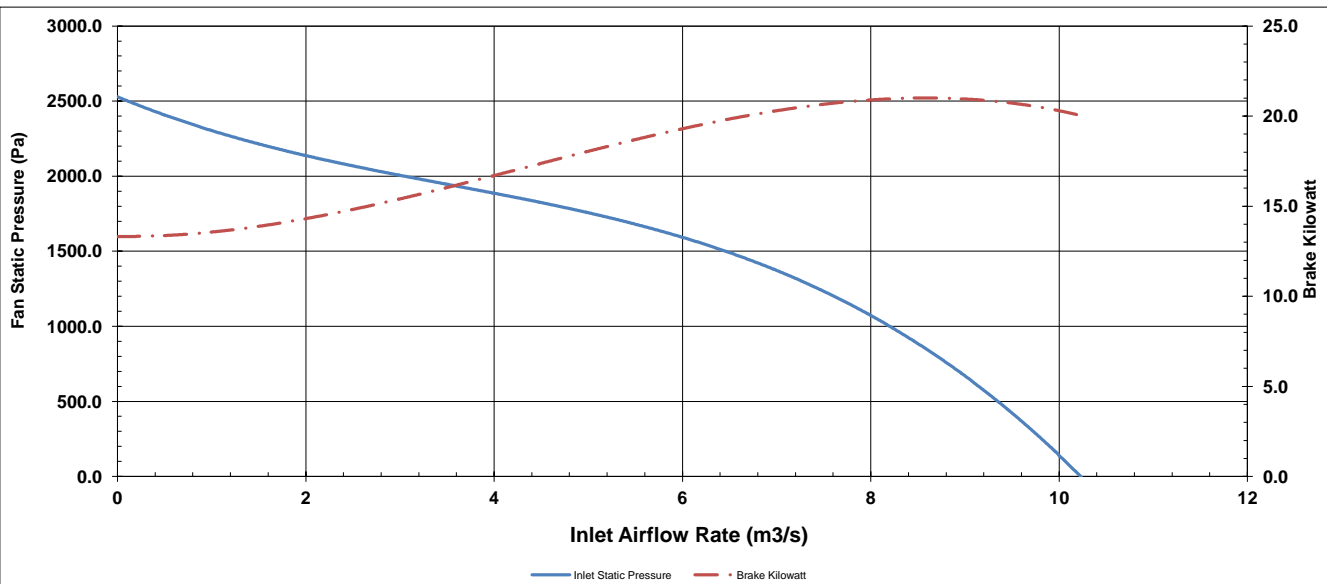
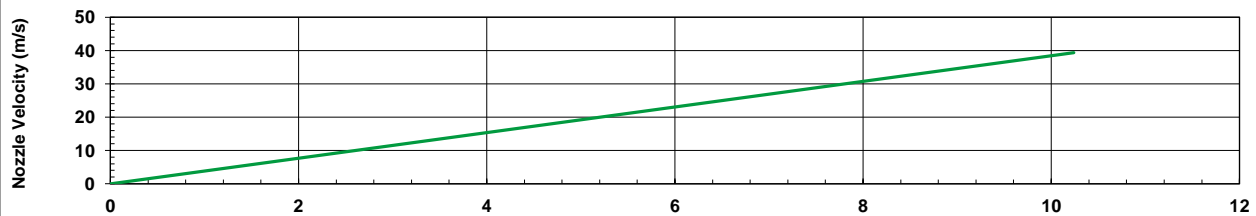
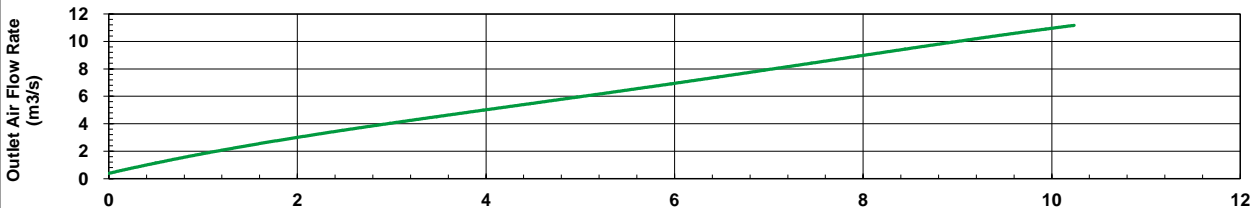
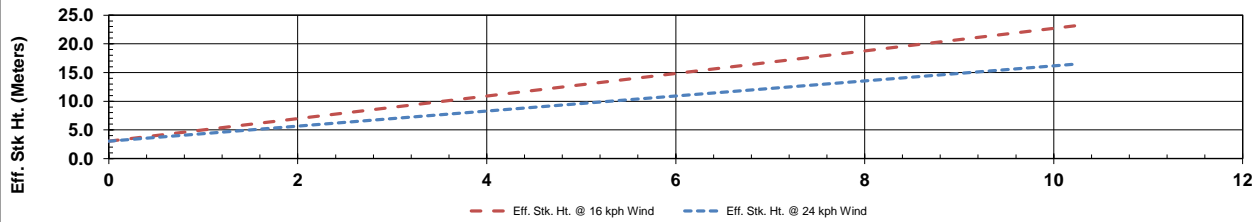
Model #: Tri-Stack™ Series M M42C30N220M4

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 0.9 M<sup>2</sup>

Speed: 1470 rpm

Outlet Area: 2.80 M<sup>2</sup>



Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (Pa)	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	
1470	0.00	93	96	98	97	96	93	91	79	101
1470	373.63	93	97	97	96	95	92	88	77	100
1470	747.27	94	96	96	95	94	90	86	76	98
1470	1120.90	95	96	96	95	94	89	83	75	98

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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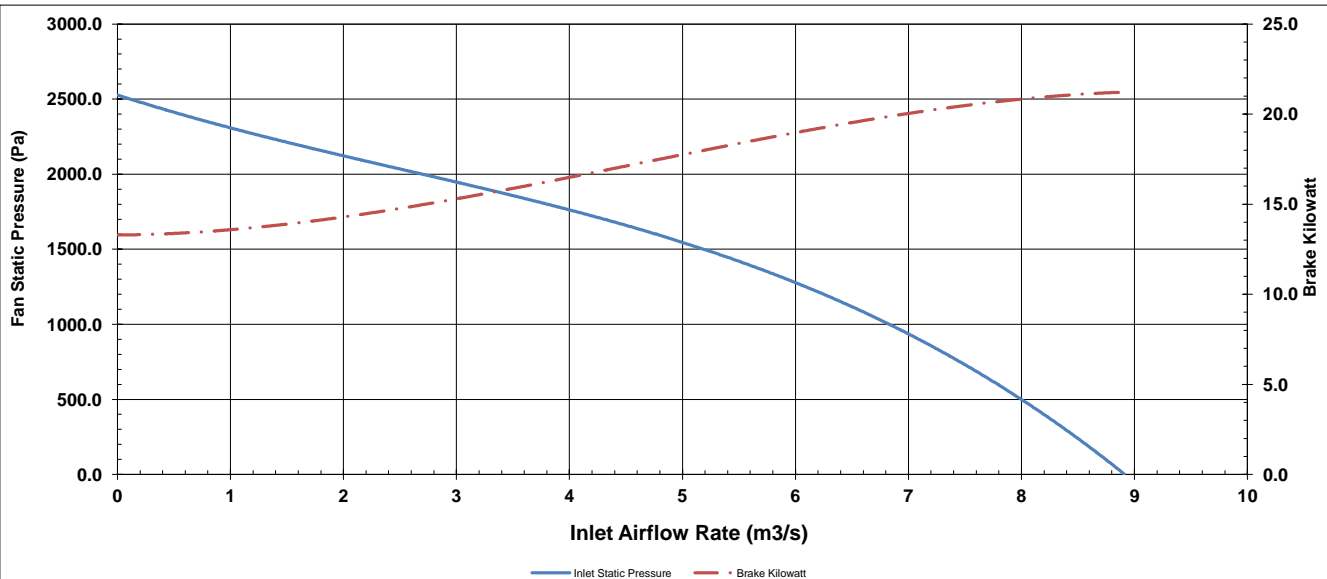
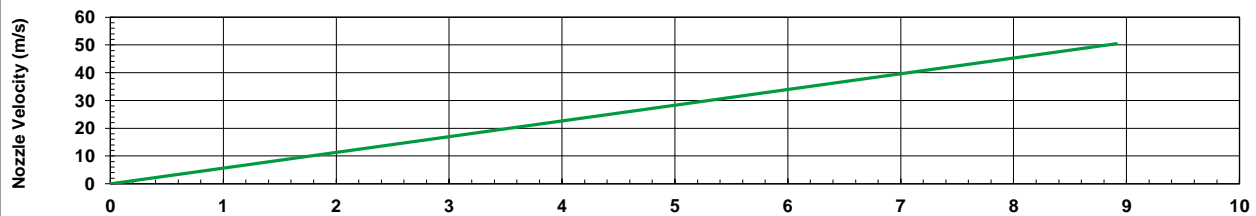
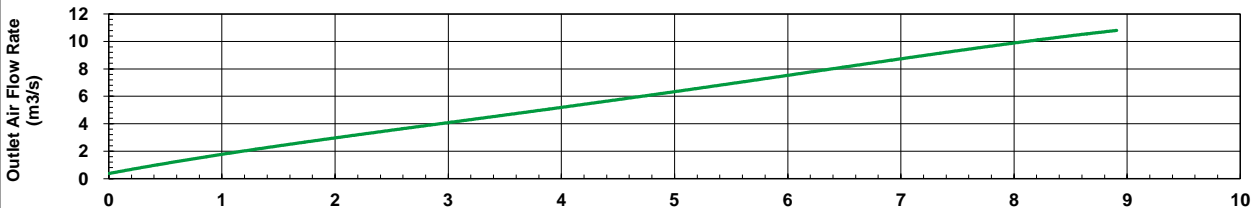
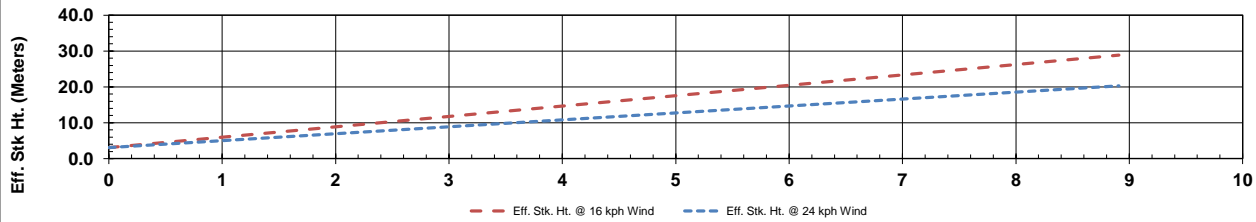
Model #: Tri-Stack™ Series M M42C20N220M4

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 0.9 M<sup>2</sup>

Speed: 1470 rpm

Outlet Area: 1.90 M<sup>2</sup>



#### Outlet Sound Power Lw(dB) by Octave Band

RPM	Ps (Pa)	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	
1470	0.00	96	96	96	95	94	91	86	77	98
1470	373.63	99	97	96	95	93	90	84	76	98
1470	747.27	96	97	96	95	93	89	82	75	97
1470	1120.90	98	99	97	96	94	89	82	75	98

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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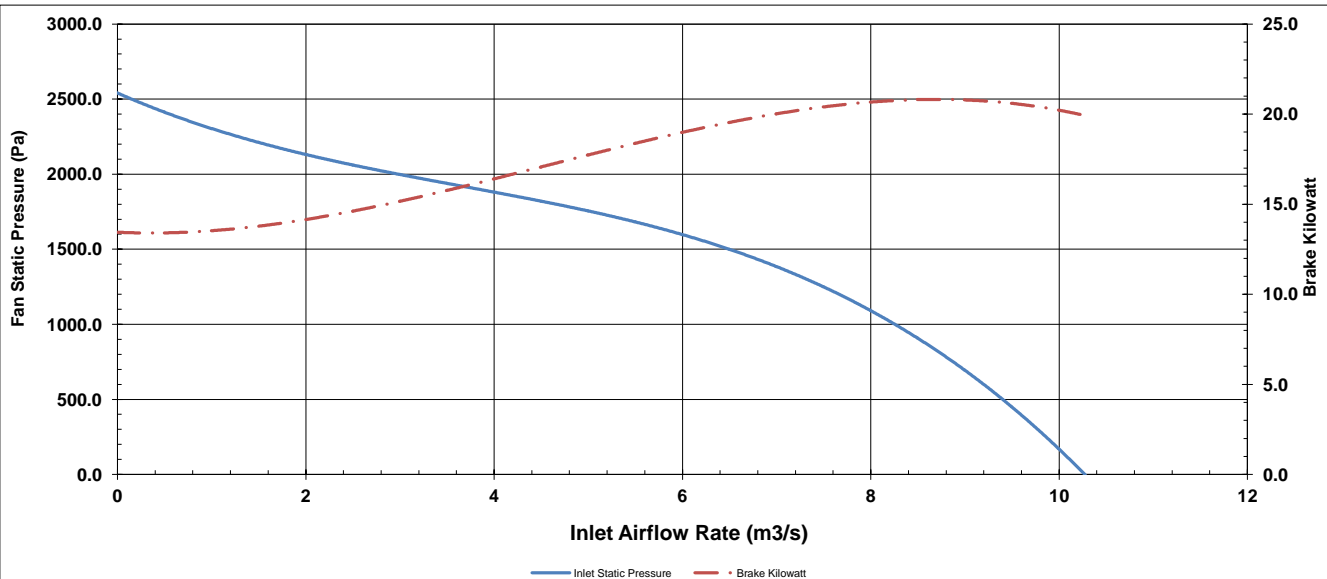
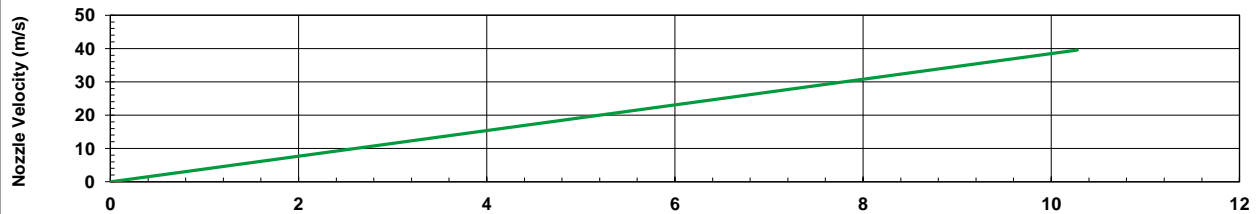
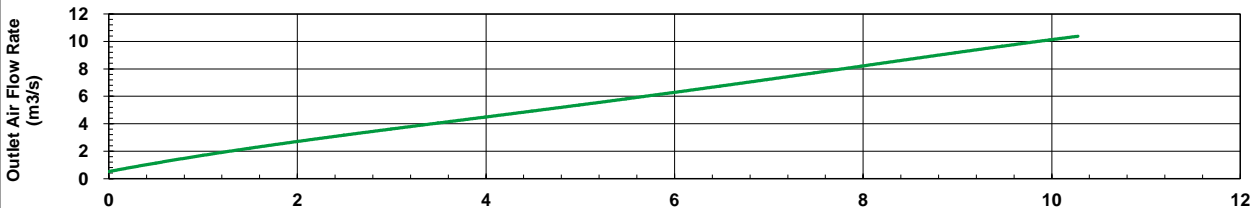
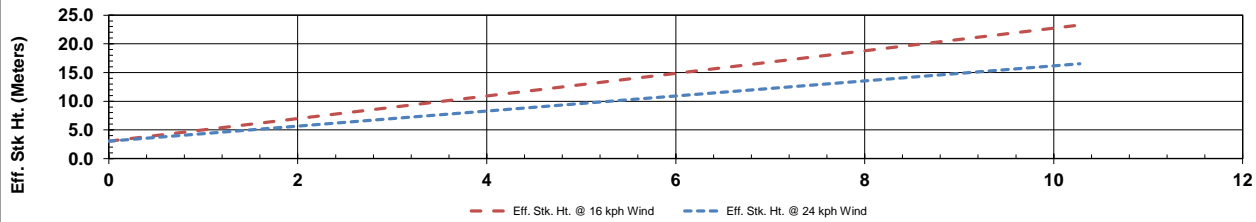
Model #: Tri-Stack™ Series M M42C30S220M4

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 1.1 M<sup>2</sup>

Speed: 1470 rpm

Outlet Area: 2.80 M<sup>2</sup>



Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (Pa)	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	
1470	0.00	98	95	94	89	84	82	84	78	92
1470	373.63	95	95	93	88	84	81	82	77	91
1470	747.27	95	94	92	87	83	80	80	76	90
1470	1120.90	96	94	92	87	82	79	78	75	89

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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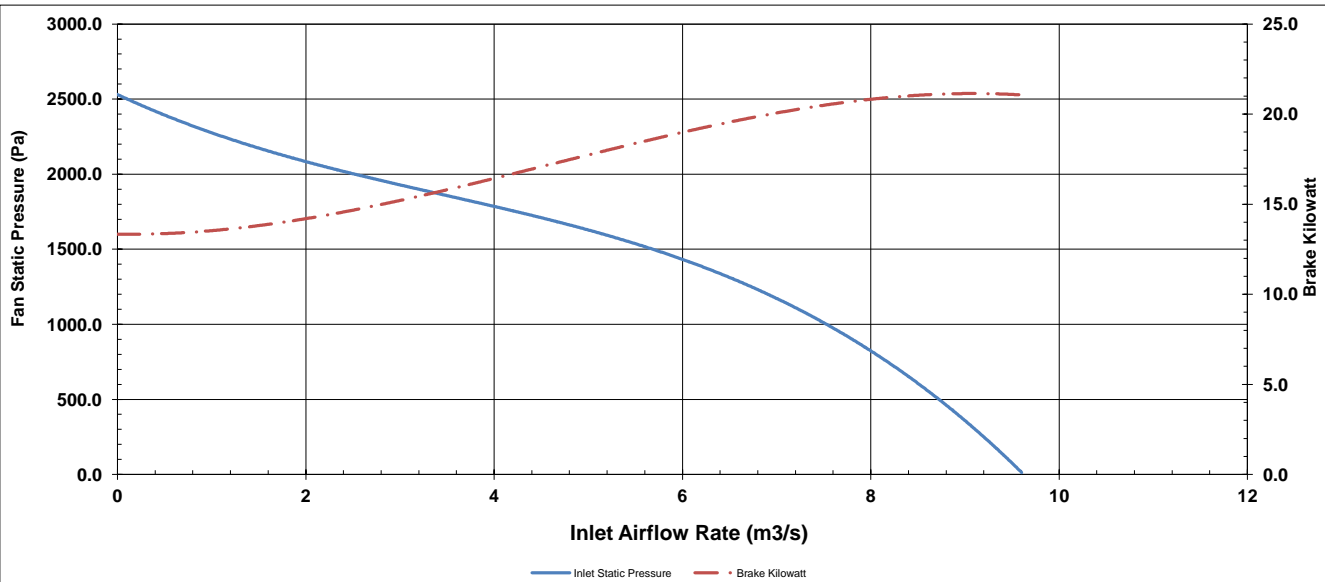
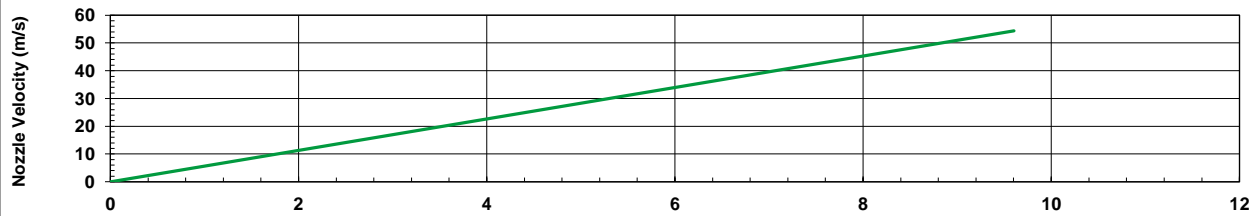
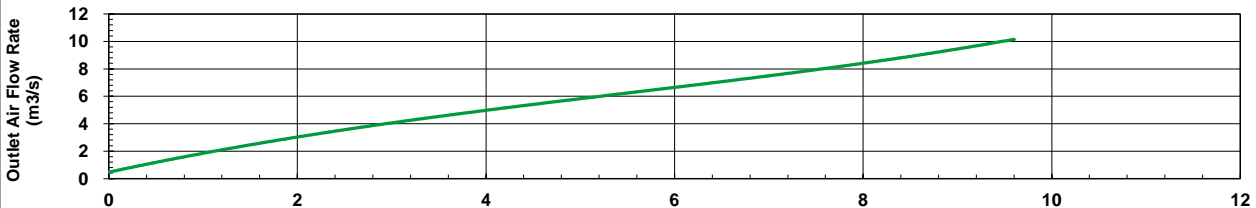
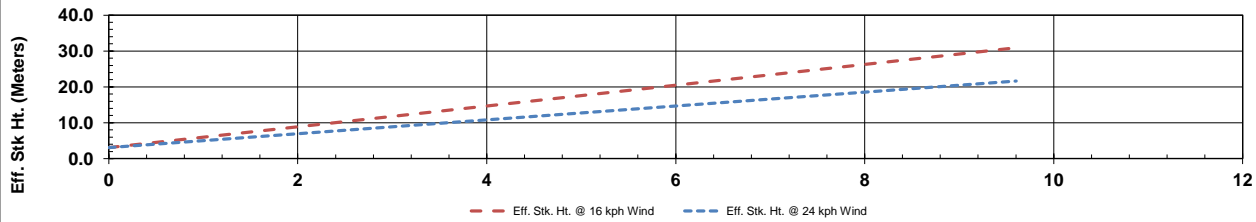
Model #: Tri-Stack™ Series M M42C20S220M4

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 1.1 M<sup>2</sup>

Speed: 1470 rpm

Outlet Area: 1.90 M<sup>2</sup>



Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (Pa)	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	
1470	0.00	93	92	92	89	86	83	83	79	92
1470	373.63	96	93	92	88	85	81	82	78	91
1470	747.27	95	93	92	88	84	80	80	76	90
1470	1120.90	96	94	93	87	83	79	79	75	90

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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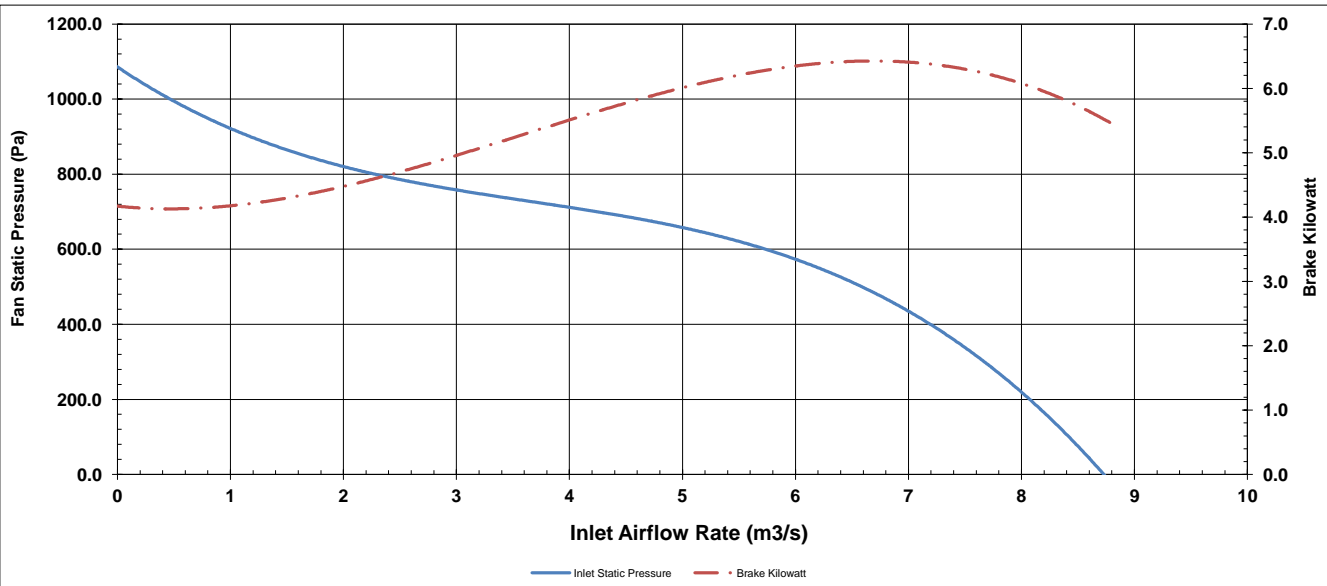
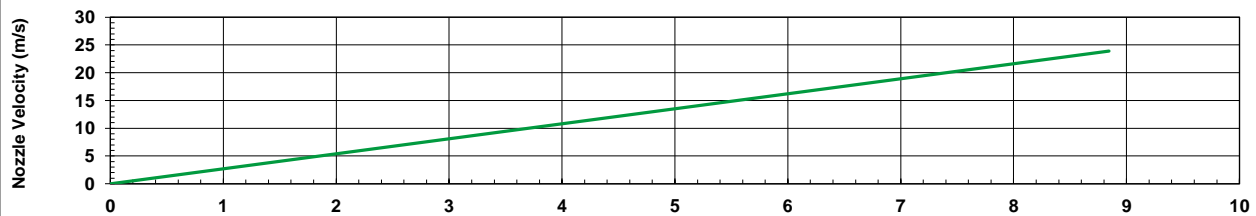
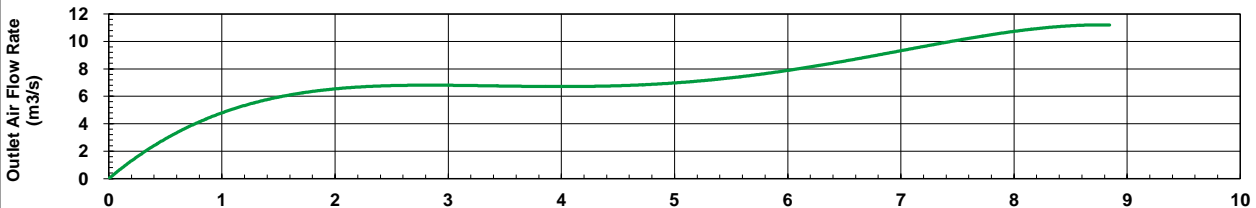
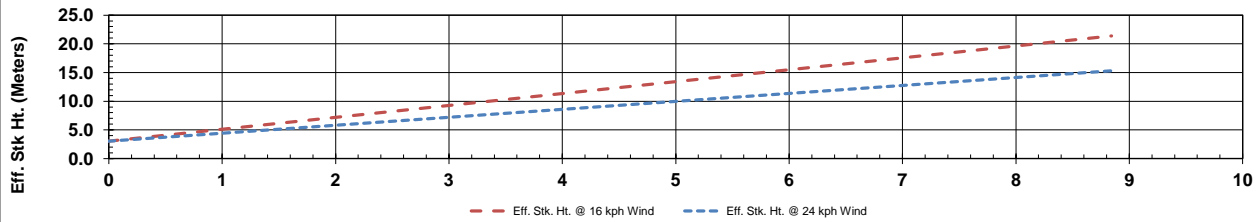
Model #: Tri-Stack™ Series M M48A40N075M6

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 1.03 M<sup>2</sup>

Speed: 970 rpm

Outlet Area: 3.98 M<sup>2</sup>



#### Outlet Sound Power Lw(dB) by Octave Band

RPM	Ps (Pa)	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	
970	124.54	82	86	86	86	86	85	81	72	93
970	311.36	81	85	84	86	85	83	78	70	92
970	498.18	82	84	84	85	84	82	76	70	92
970	622.72	89	86	87	87	85	82	77	70	94

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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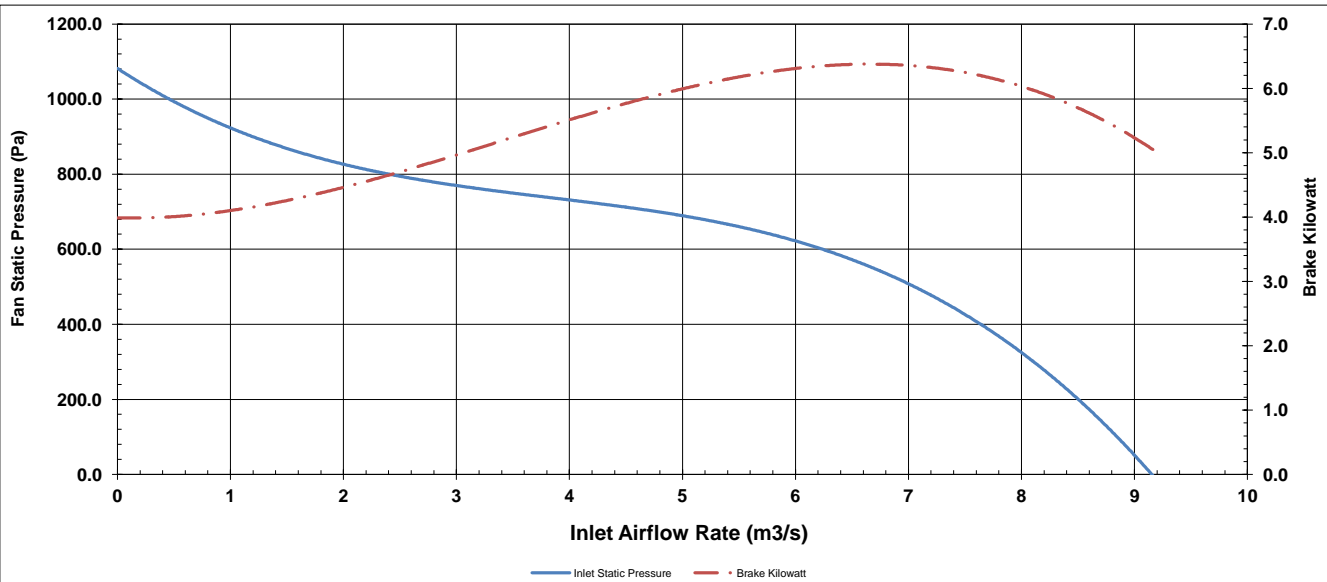
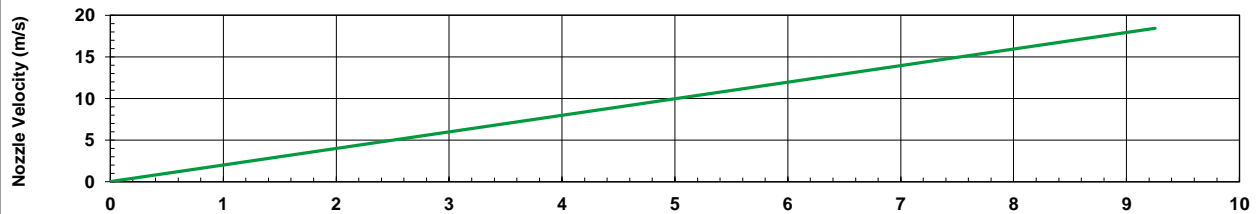
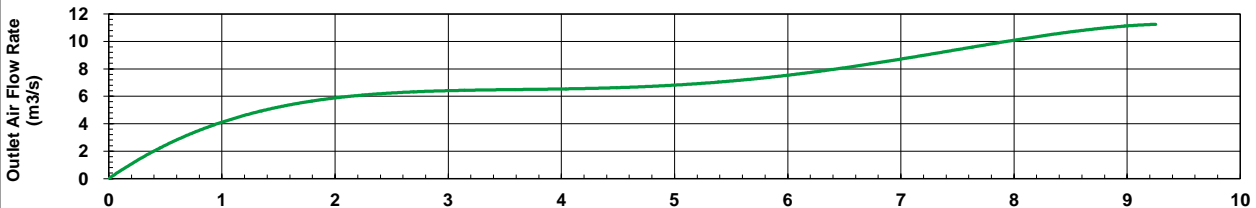
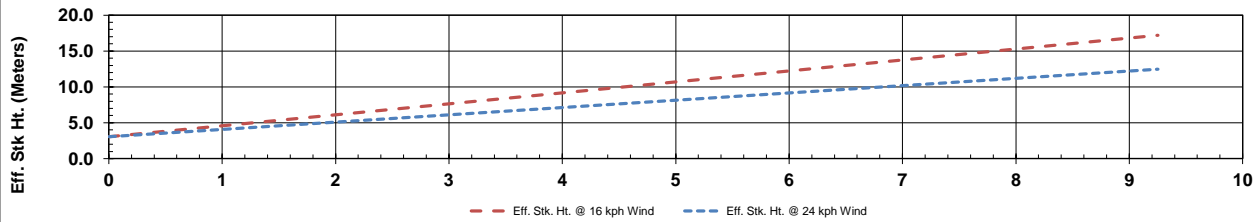
Model #: Tri-Stack™ Series M M48A55N075M6

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 1.03 M<sup>2</sup>

Speed: 970 rpm

Outlet Area: 5.40 M<sup>2</sup>



#### Outlet Sound Power Lw(dB) by Octave Band

RPM	Ps (Pa)	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	
970	124.54	86	92	90	88	88	86	83	72	97
970	311.36	84	90	88	87	87	84	79	70	95
970	498.18	84	89	87	86	86	82	76	69	94
970	622.72	90	89	87	86	85	81	75	68	95

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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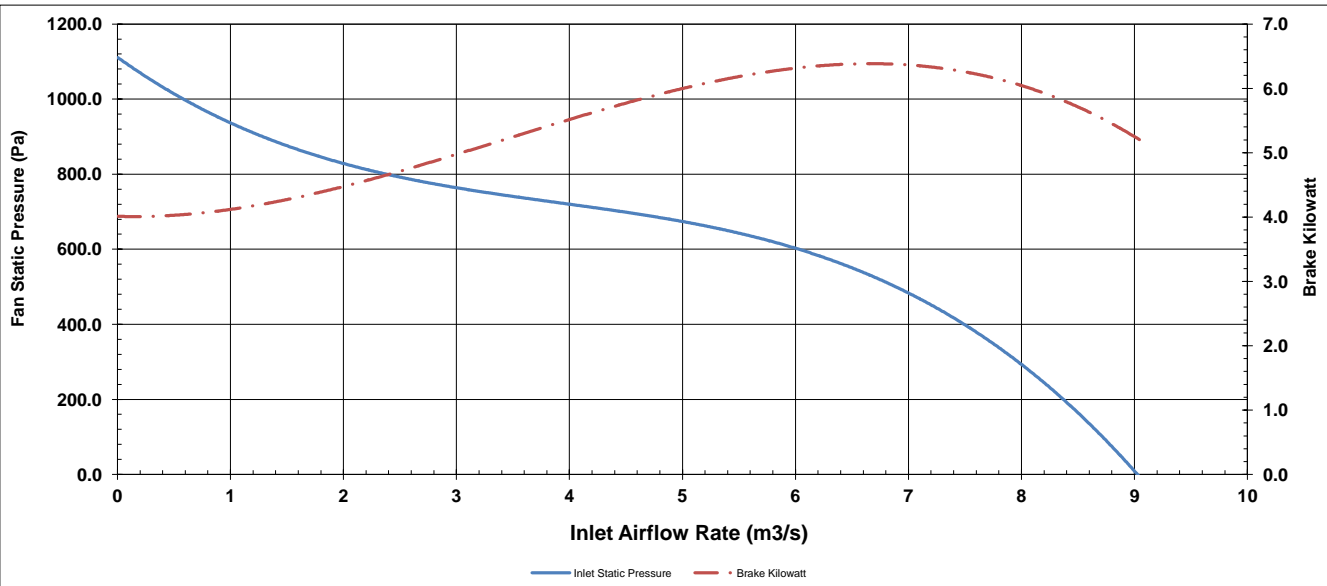
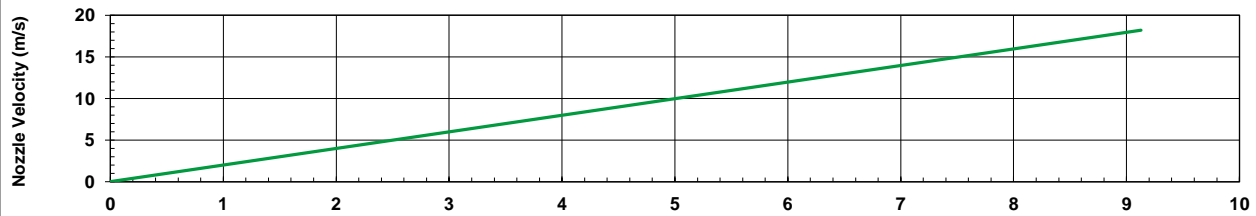
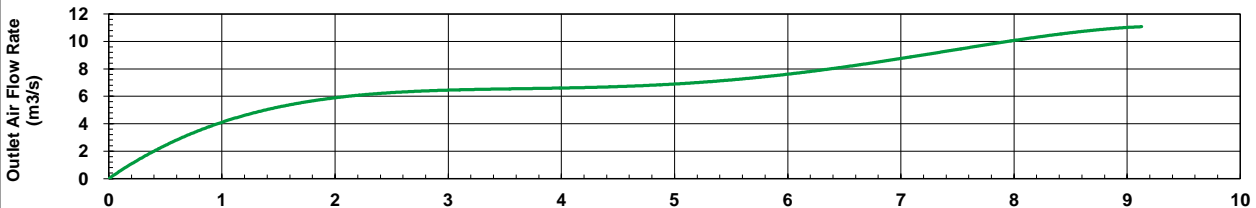
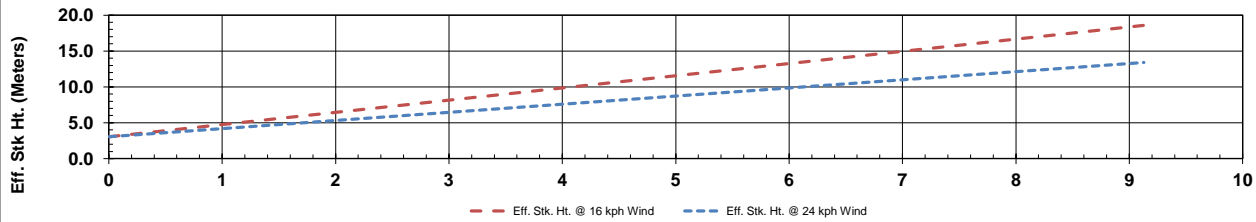
Model #: Tri-Stack™ Series M M48A55S075M6

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 1.27 M<sup>2</sup>

Speed: 970 rpm

Outlet Area: 5.40 M<sup>2</sup>



Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (Pa)	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	
970	124.54	79	81	77	75	72	72	71	64	86
970	311.36	78	79	75	75	73	71	69	63	84
970	498.18	78	78	74	75	73	69	68	62	83
970	622.72	84	79	75	75	73	69	68	61	86

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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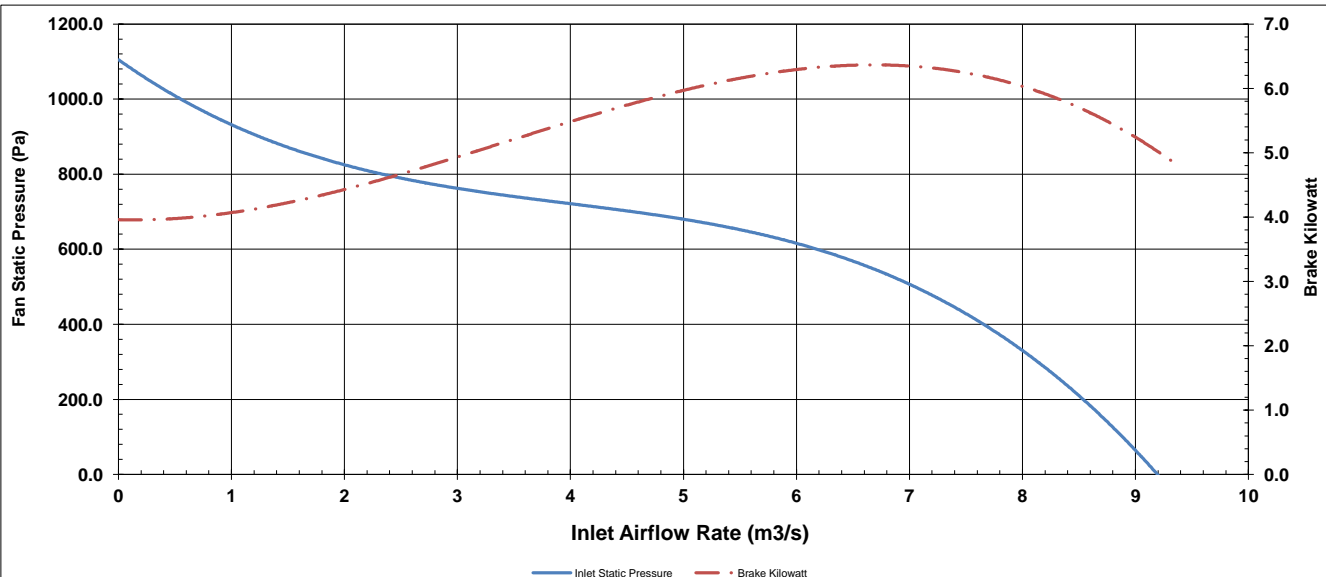
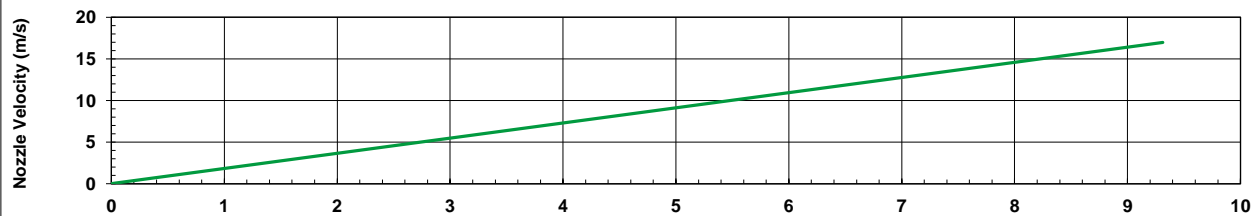
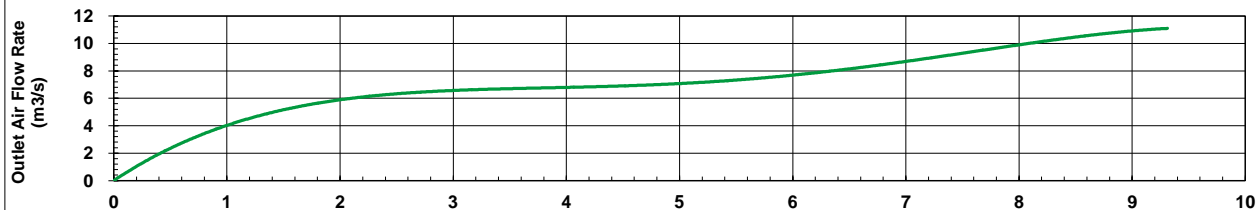
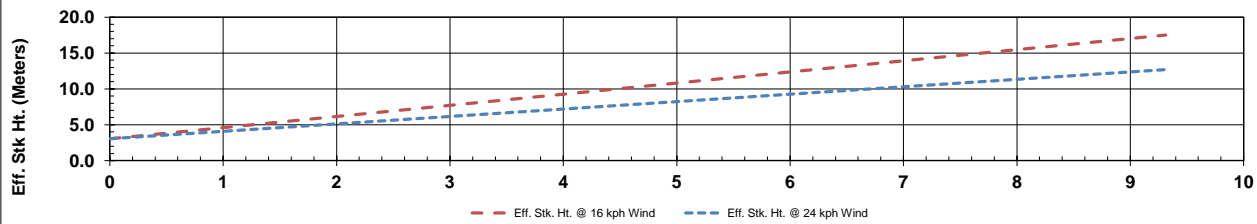
Model #: Tri-Stack™ Series M M48A60S075M6

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 1.27 M<sup>2</sup>

Speed: 970 rpm

Outlet Area: 5.90 M<sup>2</sup>



Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (Pa)	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	
970	124.54	80	83	79	74	72	70	71	67	87
970	311.36	77	81	81	76	68	66	58	49	86
970	498.18	77	81	76	75	73	68	68	63	85
970	622.72	82	78	75	76	74	66	66	61	85

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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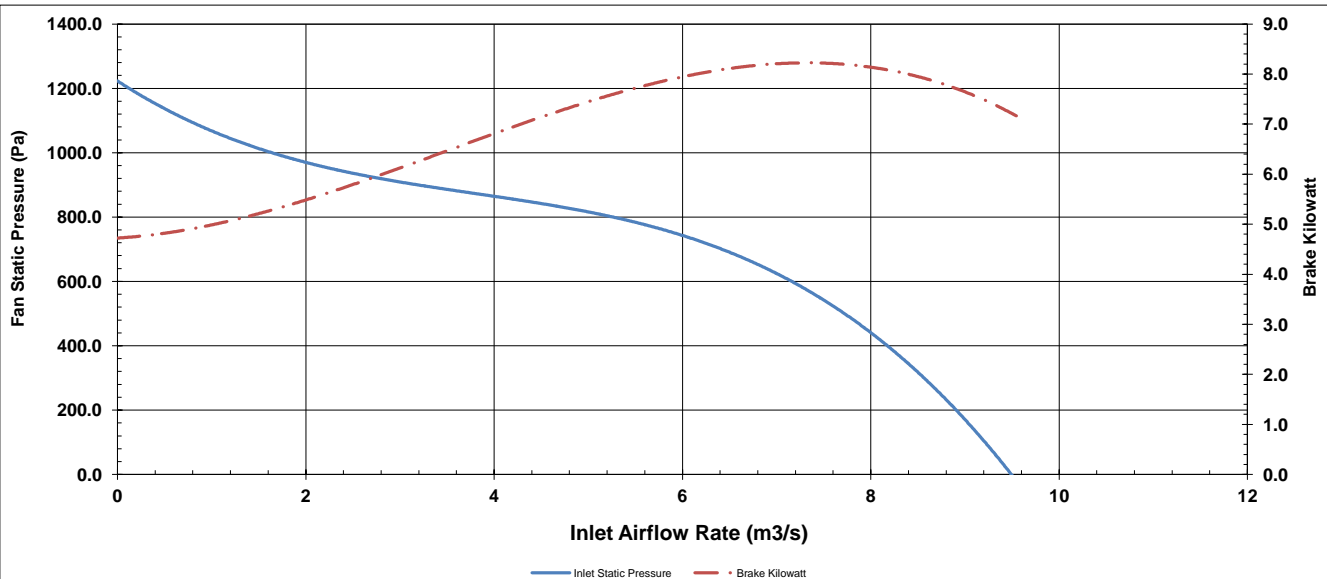
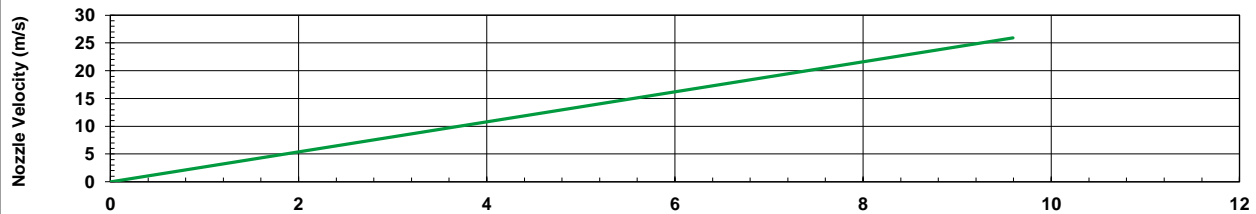
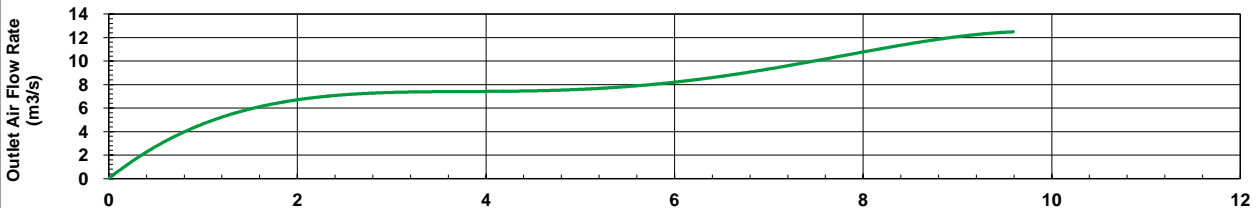
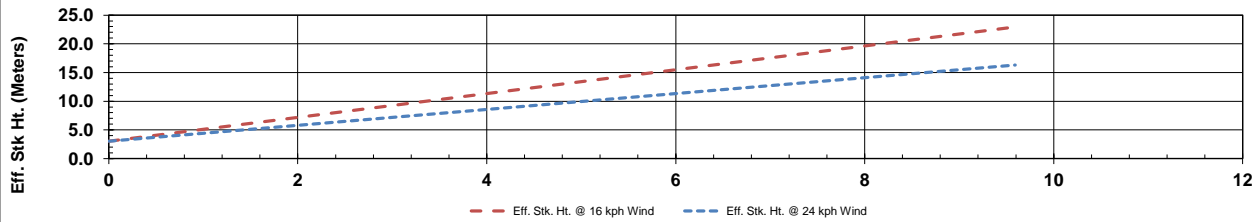
Model #: Tri-Stack™ Series M M48B40N110M6

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 1.03 M<sup>2</sup>

Speed: 970 rpm

Outlet Area: 3.98 M<sup>2</sup>



Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (Pa)	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	
970	124.54	86	92	91	90	89	88	84	75	98
970	311.36	85	91	90	89	88	86	82	73	97
970	498.18	85	89	88	88	87	85	80	72	95
970	622.72	87	88	88	88	87	83	78	71	95

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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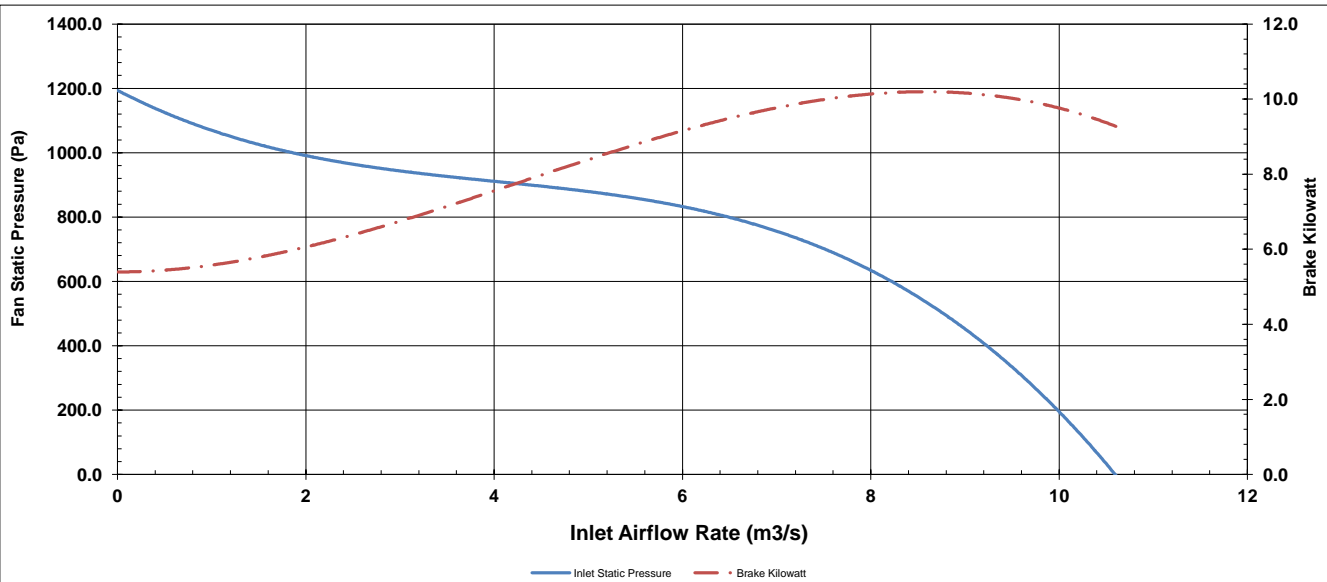
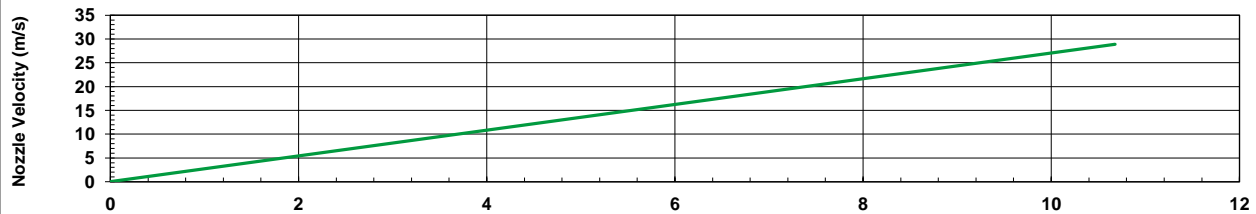
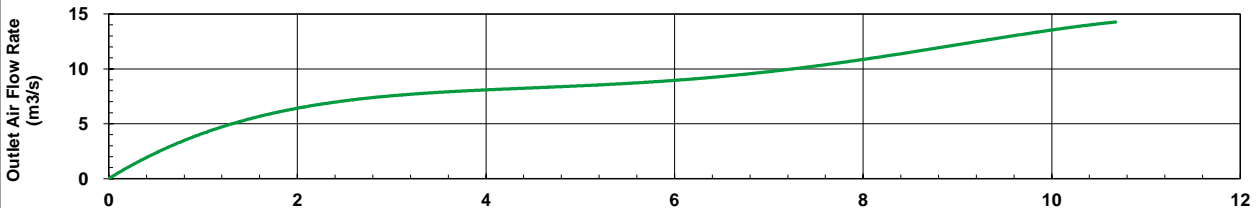
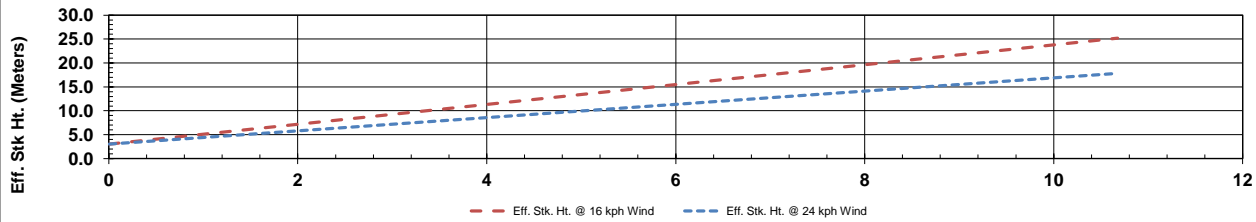
Model #: Tri-Stack™ Series M M48C40N110M6

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 1.03 M<sup>2</sup>

Speed: 970 rpm

Outlet Area: 3.98 M<sup>2</sup>



Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (Pa)	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	
970	124.54	89	96	92	91	91	89	86	76	100
970	311.36	87	93	91	90	90	87	84	74	98
970	498.18	86	93	90	89	89	86	82	73	97
970	622.72	89	93	90	89	88	85	80	73	97

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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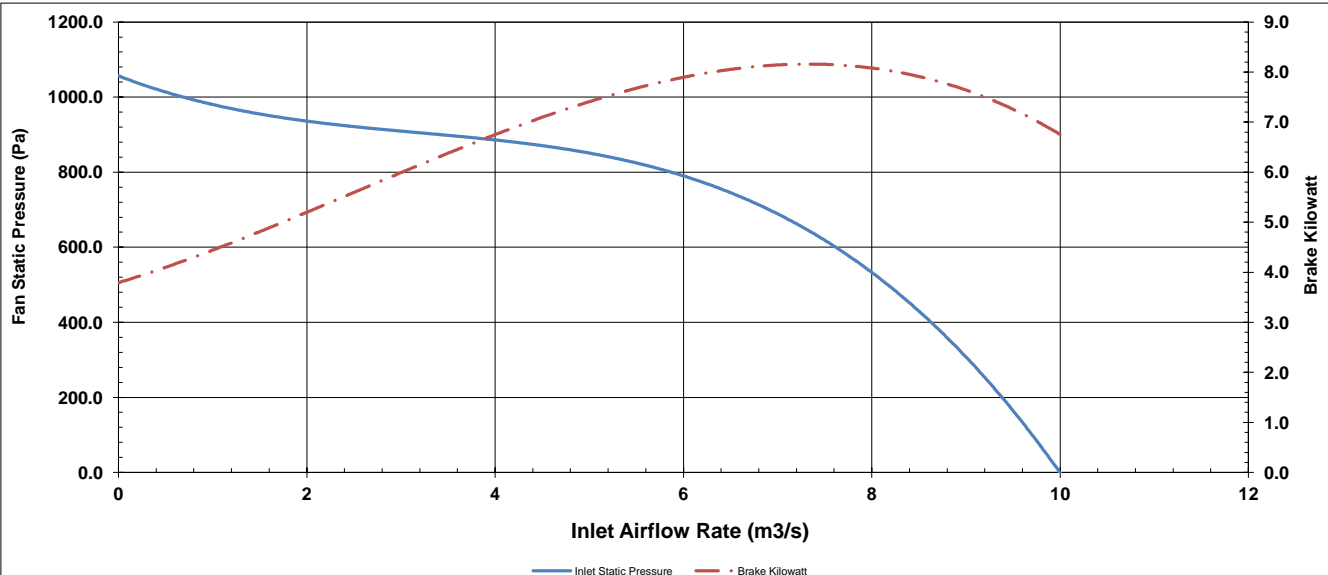
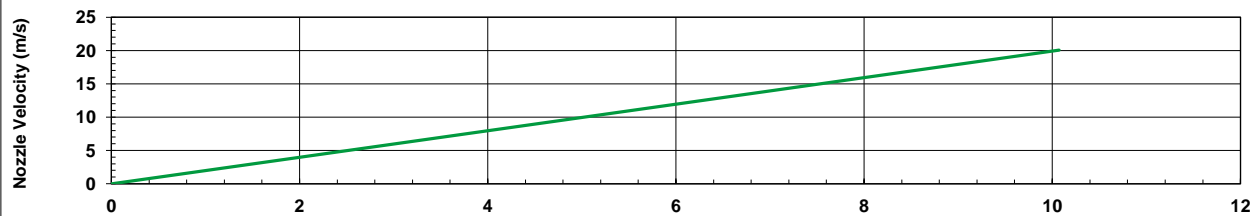
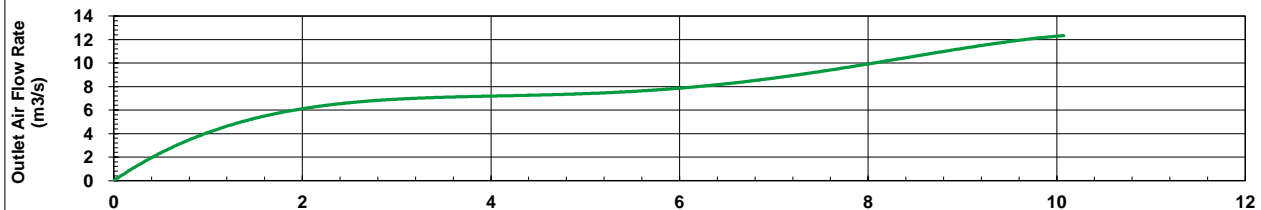
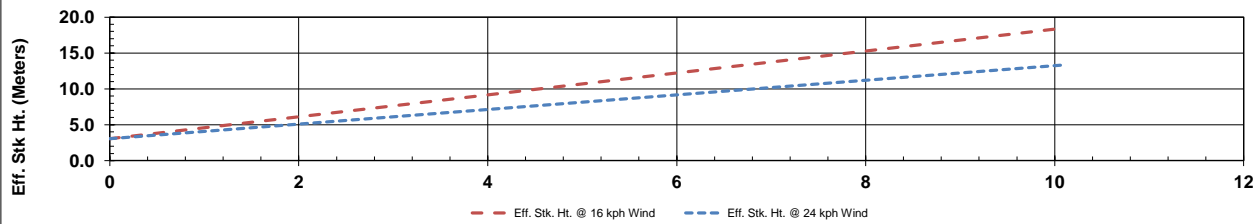
Model #: Tri-Stack™ Series M M48B55N110M6

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 1.03 M<sup>2</sup>

Speed: 970 rpm

Outlet Area: 5.40 M<sup>2</sup>



#### Outlet Sound Power Lw(dB) by Octave Band

RPM	Ps (Pa)	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	
970	124.54	89	92	92	91	91	89	86	76	99
970	311.36	87	90	90	89	89	87	84	74	97
970	498.18	87	89	88	88	88	85	81	73	96
970	622.72	89	88	87	87	87	84	79	71	95

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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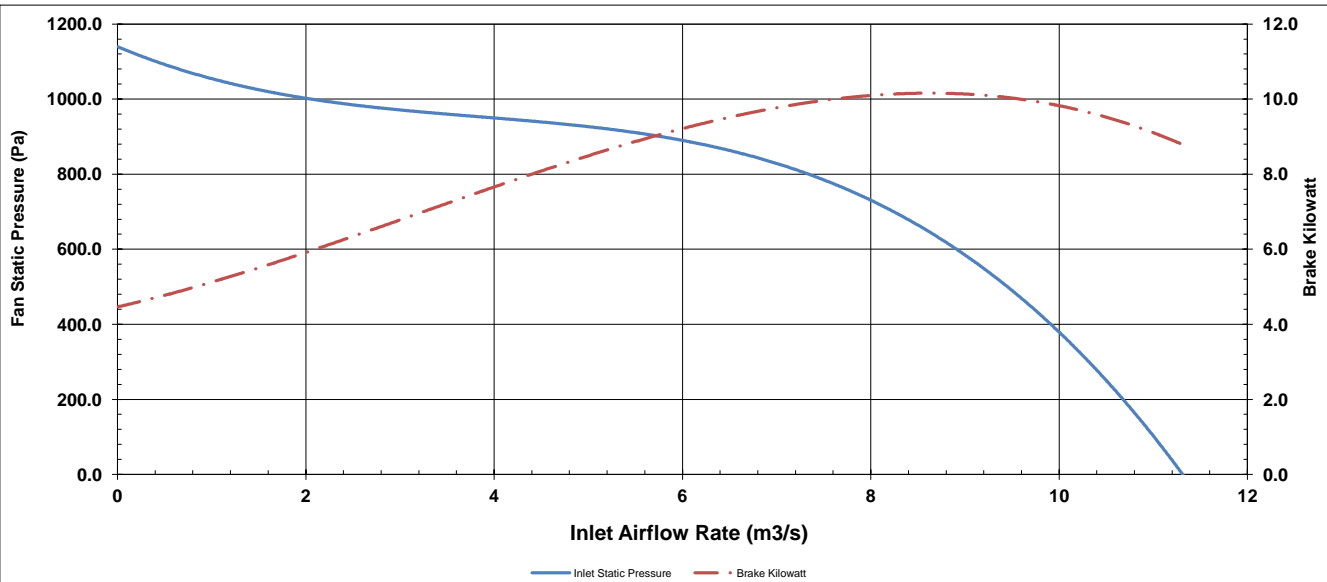
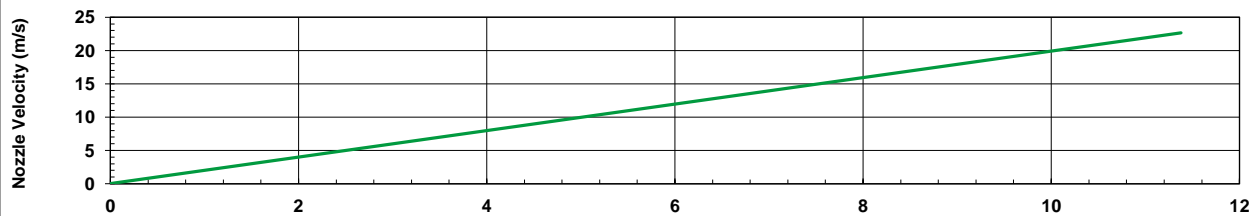
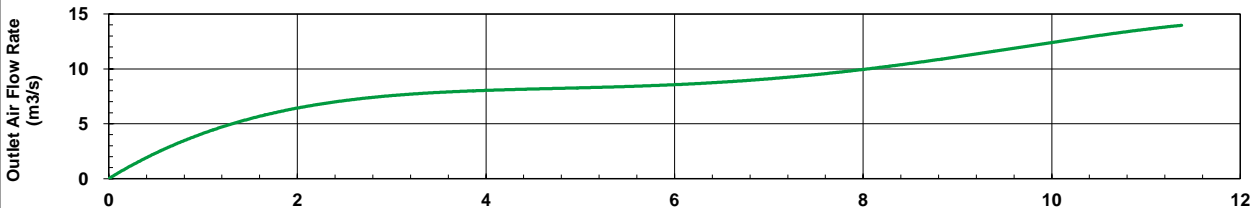
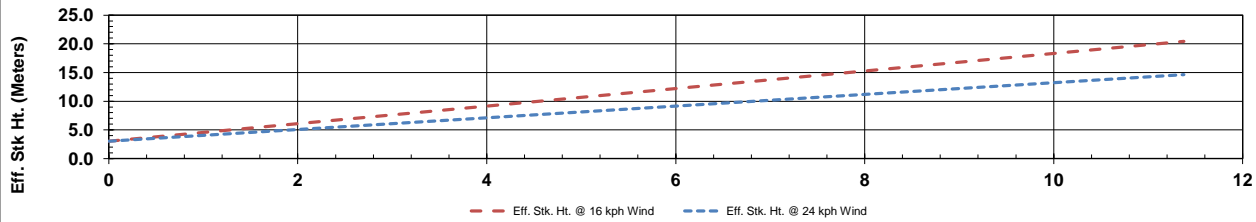
Model #: Tri-Stack™ Series M M48C55N110M6

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 1.03 M<sup>2</sup>

Speed: 970 rpm

Outlet Area: 5.40 M<sup>2</sup>



Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (Pa)	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	
970	124.54	91	97	93	93	93	91	89	79	102
970	311.36	89	96	92	91	91	89	87	75	100
970	498.18	87	93	91	90	90	87	84	73	98
970	622.72	89	91	89	89	89	86	82	73	97

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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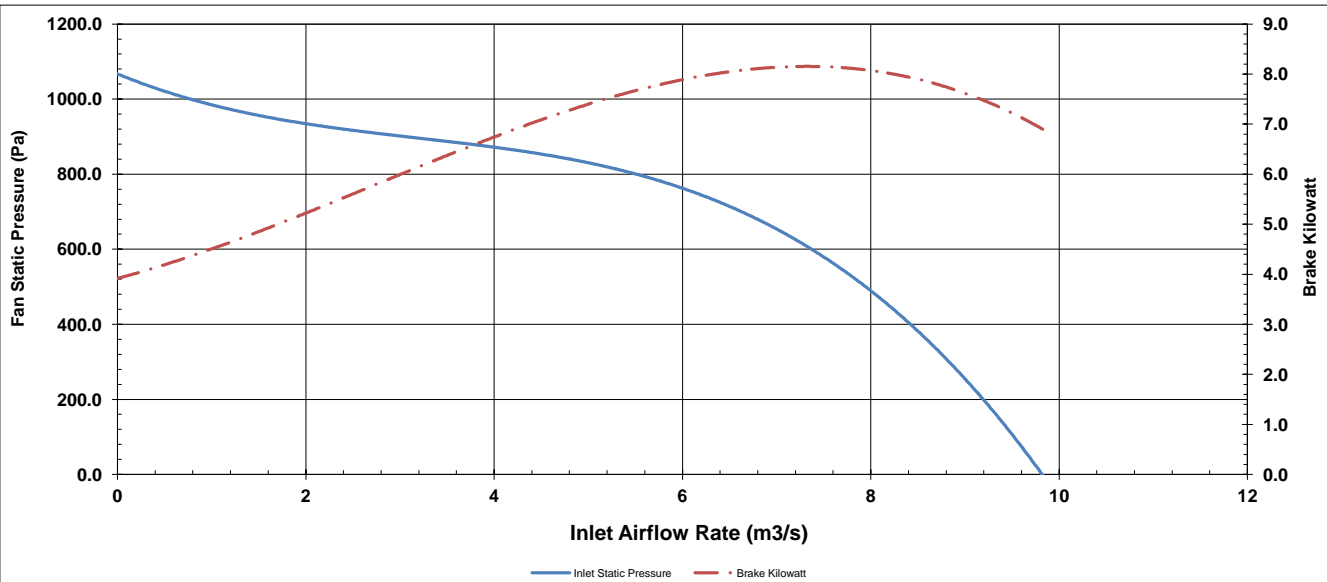
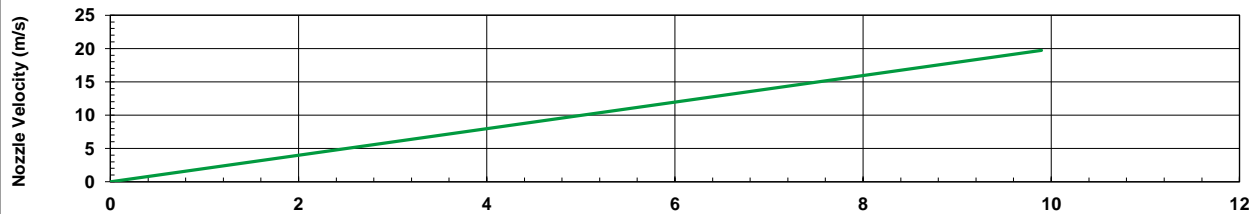
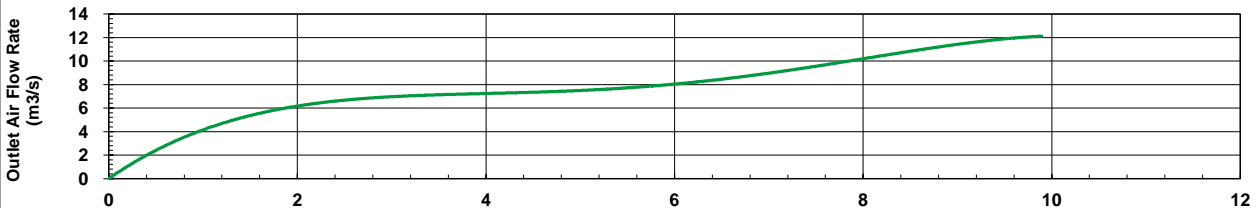
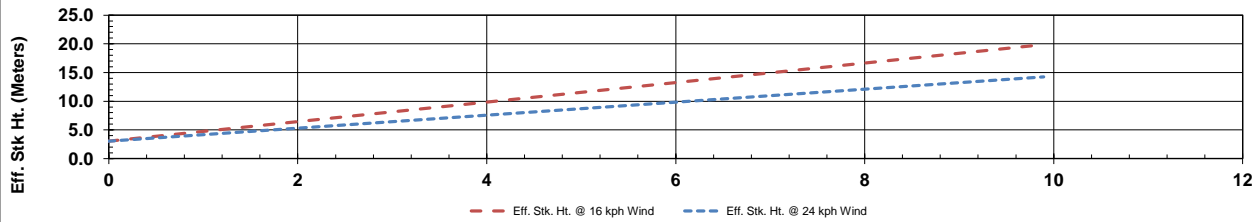
Model #: Tri-Stack™ Series M M48B55S110M6

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 1.27 M<sup>2</sup>

Speed: 970 rpm

Outlet Area: 5.40 M<sup>2</sup>



Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (Pa)	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	
970	124.54	85	88	82	79	76	75	74	68	91
970	311.36	84	85	80	78	76	74	73	66	89
970	498.18	86	82	77	78	76	72	70	64	89
970	622.72	73	73	74	74	76	76	74	71	83

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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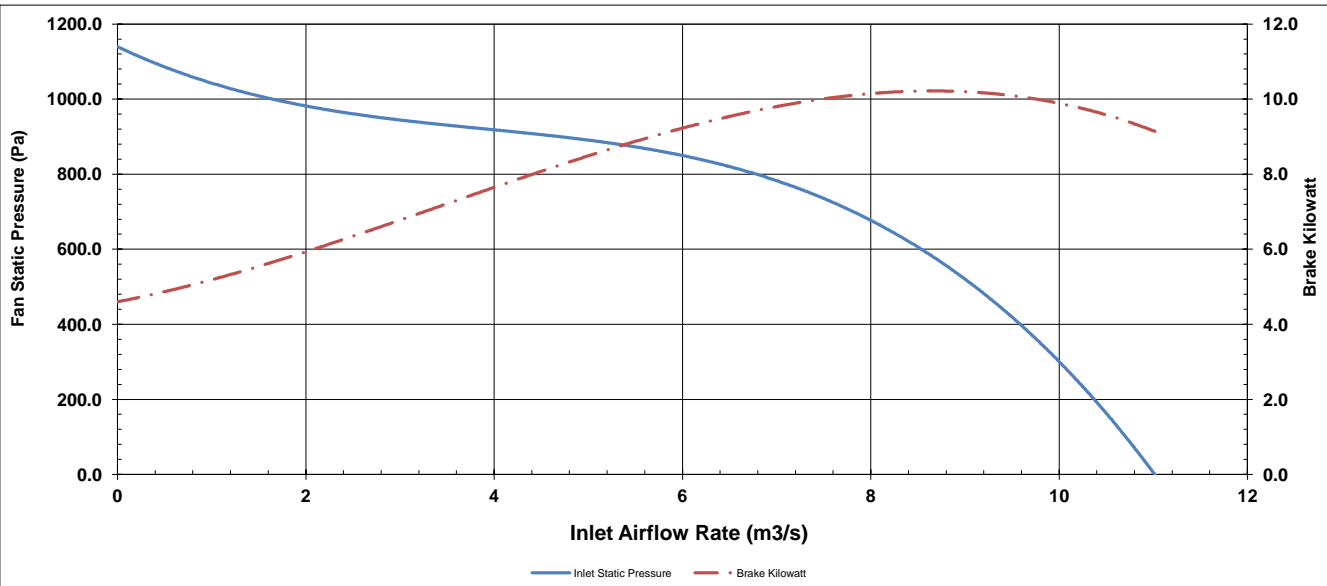
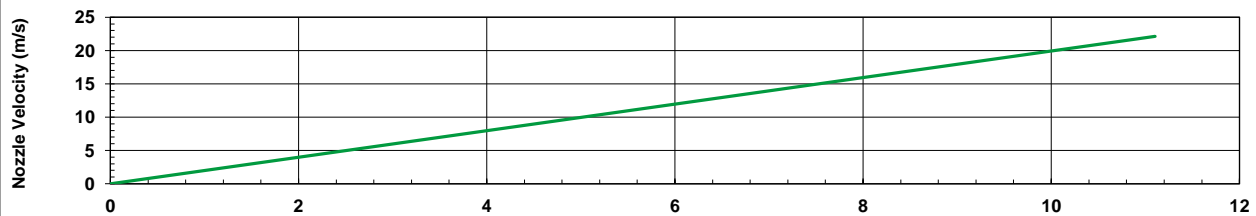
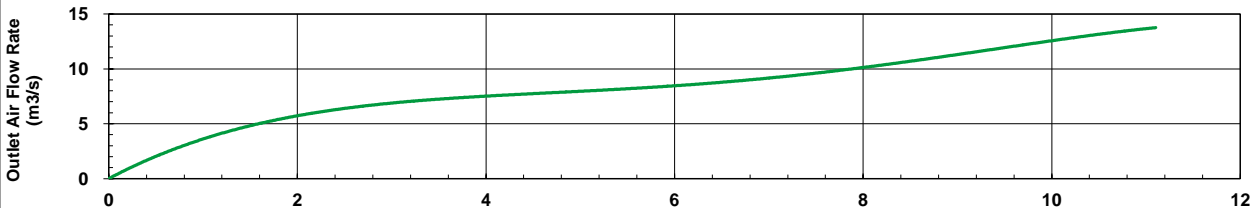
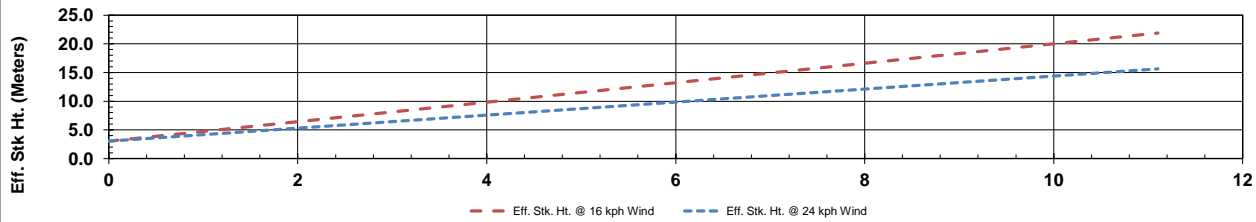
Model #: Tri-Stack™ Series M M48C55S110M6

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 1.27 M<sup>2</sup>

Speed: 970 rpm

Outlet Area: 5.40 M<sup>2</sup>



Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (Pa)	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	
970	124.54	83	86	82	77	75	76	75	69	90
970	311.36	81	84	80	76	74	75	74	68	88
970	498.18	81	84	79	75	73	73	72	67	87
970	622.72	82	82	78	74	72	72	70	65	87

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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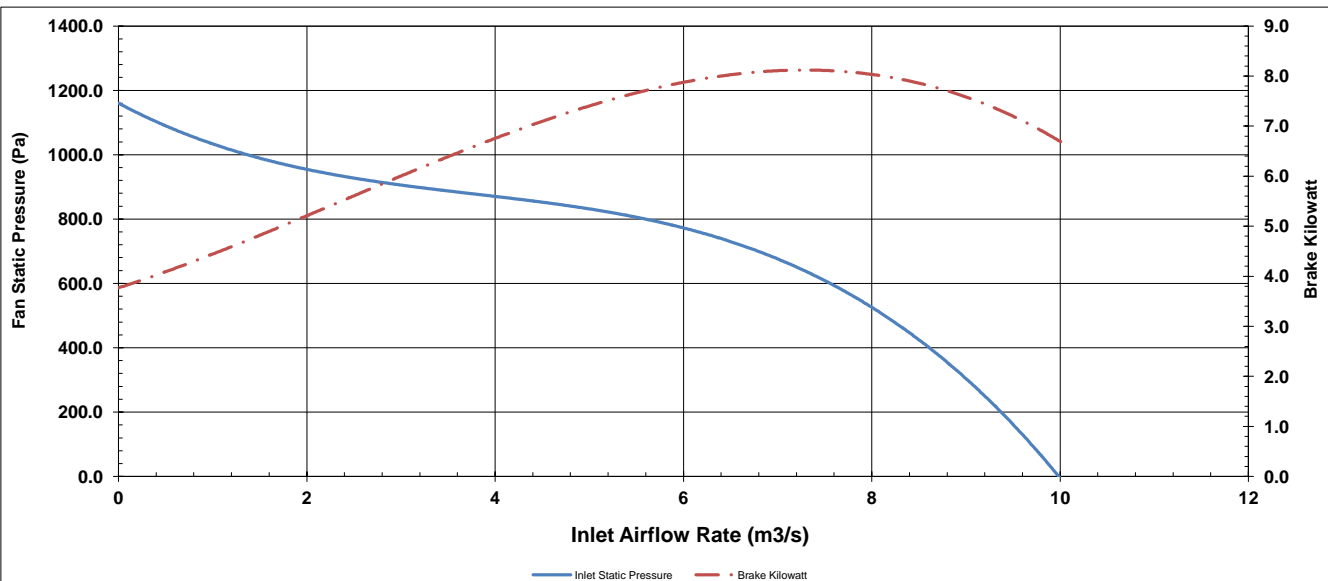
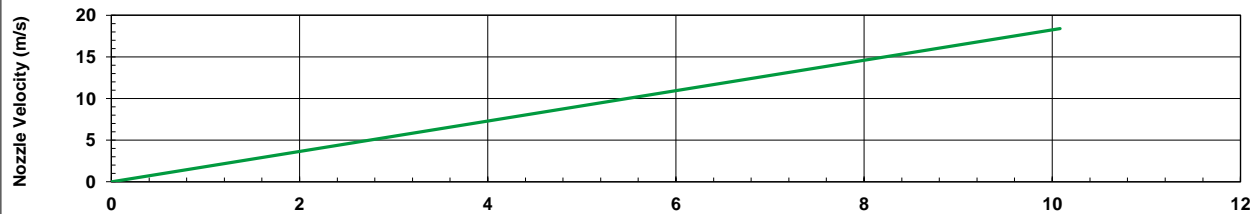
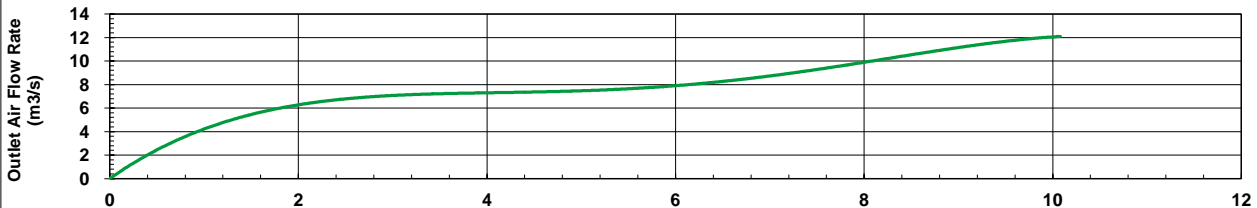
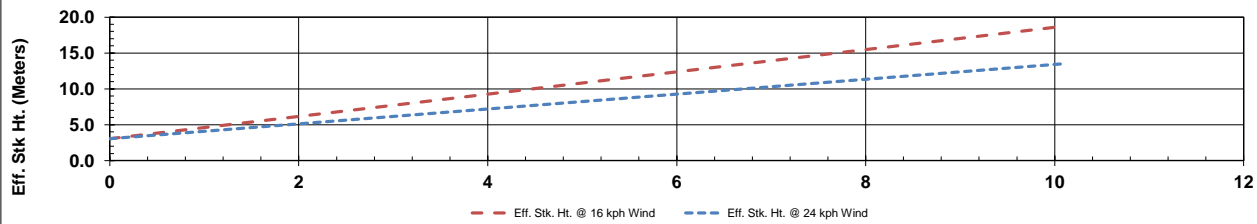
Model #: Tri-Stack™ Series M M48B60S110M6

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 1.27 M<sup>2</sup>

Speed: 970 rpm

Outlet Area: 5.90 M<sup>2</sup>



Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (Pa)	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	
970	124.54	82	89	84	78	75	72	74	68	91
970	311.36	80	85	80	78	76	71	72	66	88
970	498.18	79	82	78	77	75	70	71	65	86
970	622.72	82	80	76	77	75	69	70	64	86

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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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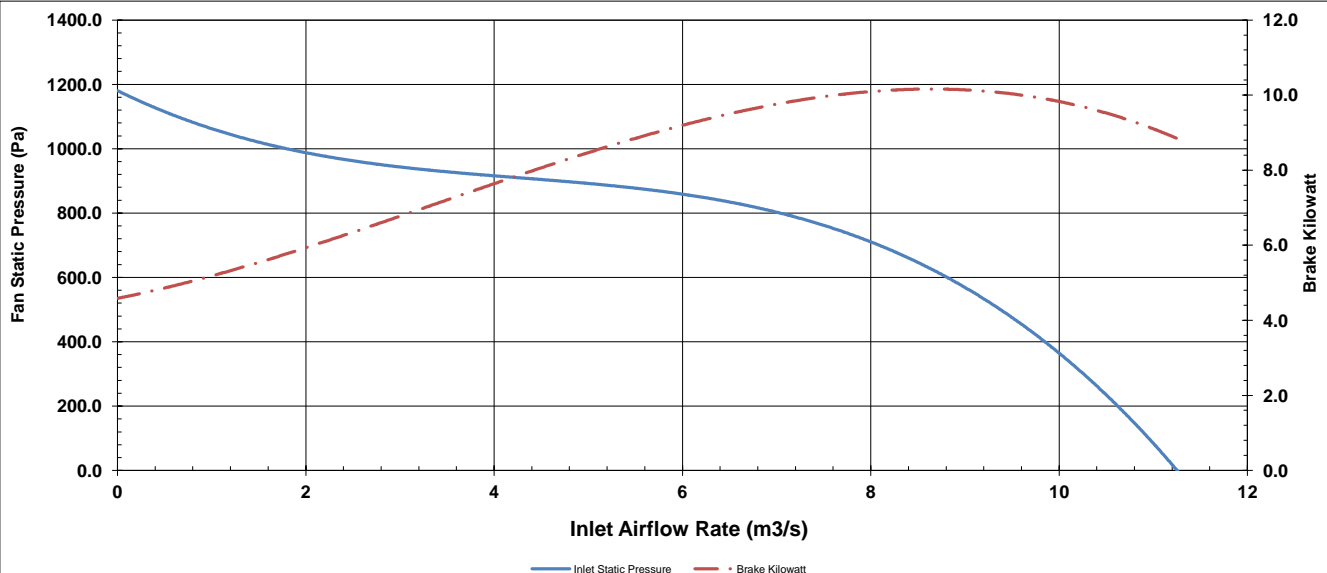
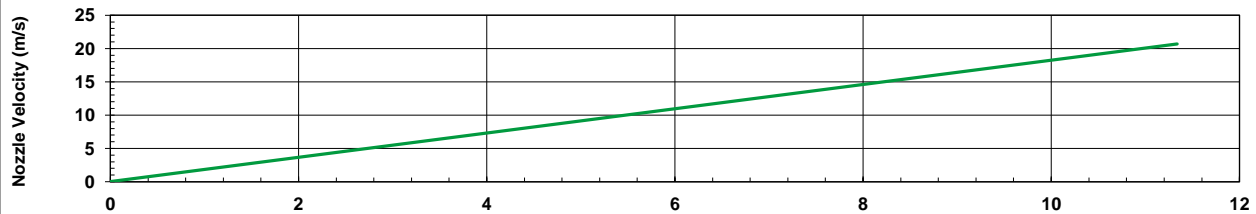
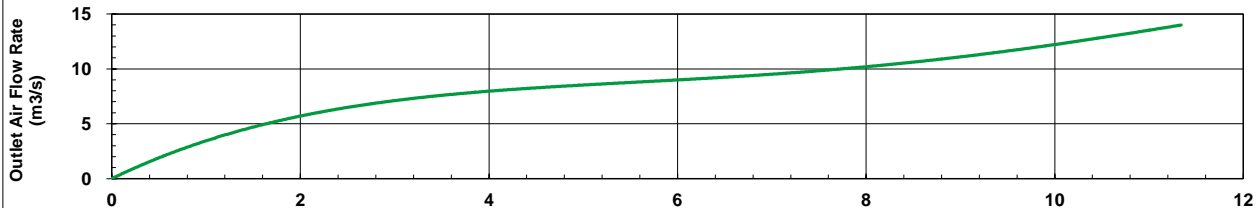
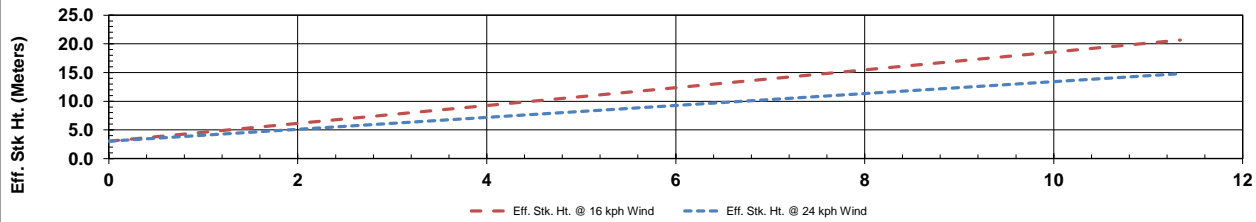
Model #: Tri-Stack™ Series M M48C60S110M6

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 1.27 M<sup>2</sup>

Speed: 970 rpm

Outlet Area: 5.90 M<sup>2</sup>



Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (Pa)	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	
970	124.54	84	88	83	77	75	72	76	70	91
970	311.36	83	86	81	76	74	71	75	69	89
970	498.18	80	86	80	74	73	70	72	67	88
970	622.72	81	84	79	74	72	69	70	66	87

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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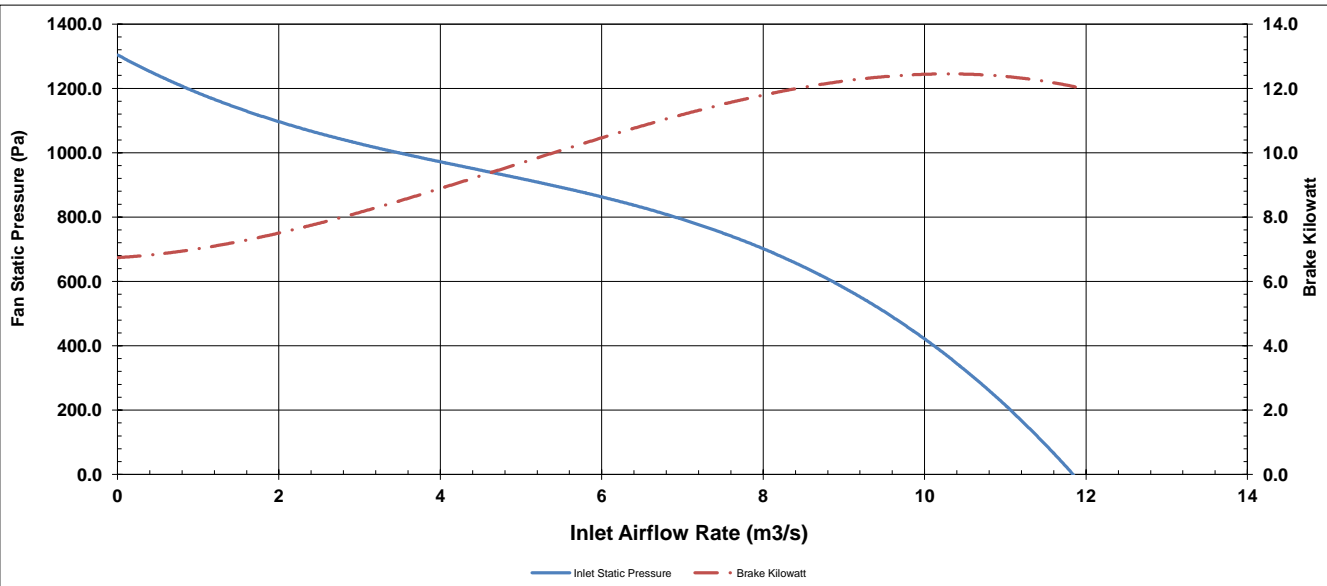
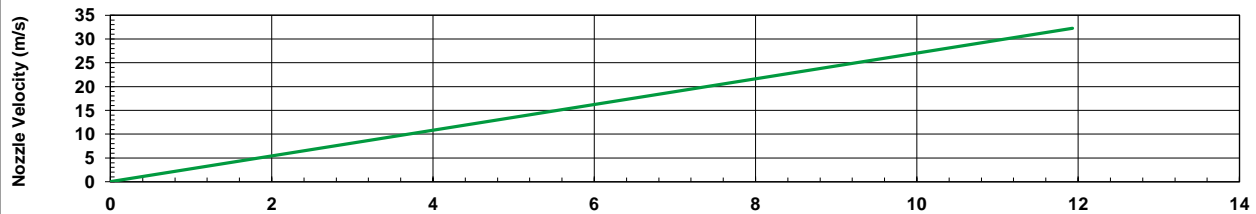
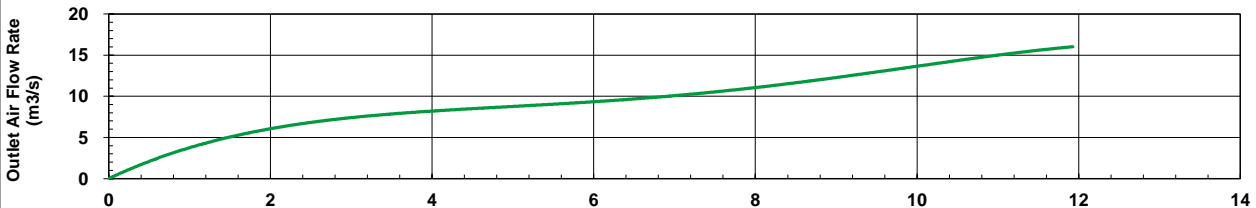
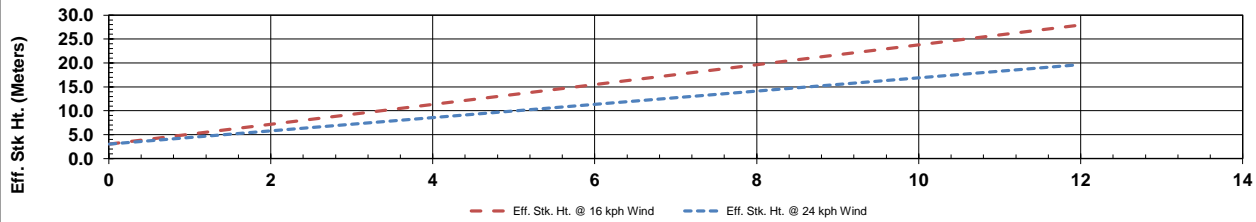
Model #: Tri-Stack™ Series M M48D40N150M6

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 1.03 M<sup>2</sup>

Speed: 970 rpm

Outlet Area: 3.98 M<sup>2</sup>



#### Outlet Sound Power Lw(dB) by Octave Band

RPM	Ps (Pa)	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	
970	124.54	89	98	95	93	93	93	95	78	103
970	311.36	88	98	94	93	93	91	89	76	102
970	560.45	90	97	94	92	92	88	83	75	101
970	747.27	95	94	94	92	91	87	81	74	101

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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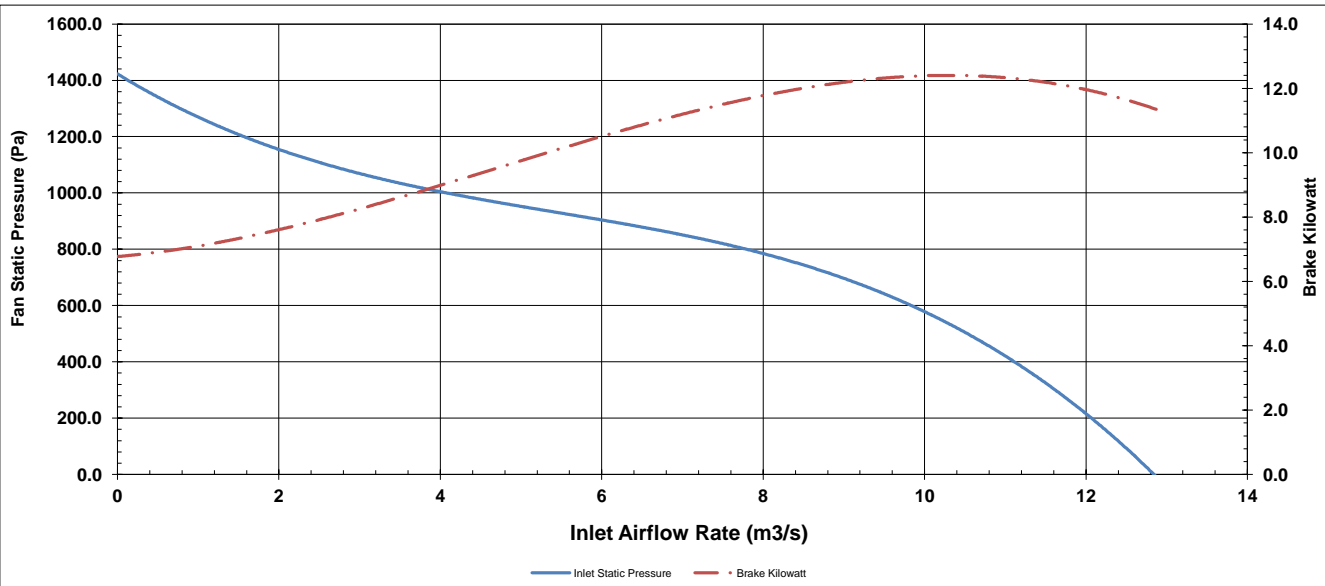
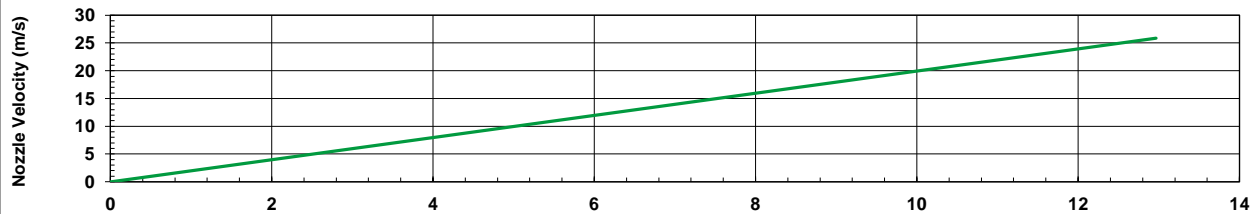
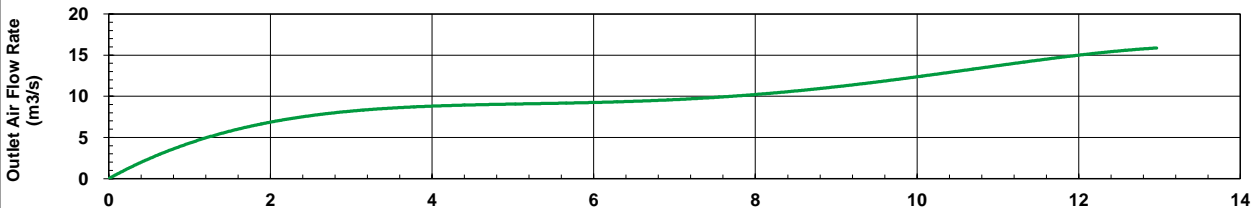
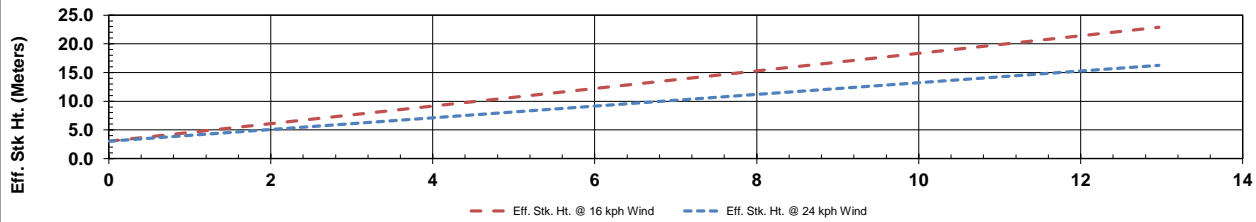
Model #: Tri-Stack™ Series M M48D55N150M6

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 1.03 M<sup>2</sup>

Speed: 970 rpm

Outlet Area: 5.40 M<sup>2</sup>



#### Outlet Sound Power Lw(dB) by Octave Band

RPM	Ps (Pa)	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	
970	124.54	90	100	97	95	95	94	97	82	105
970	311.36	90	101	96	94	94	93	95	80	105
970	560.45	91	98	95	93	93	91	88	77	102
970	747.27	94	95	93	92	92	88	82	75	101

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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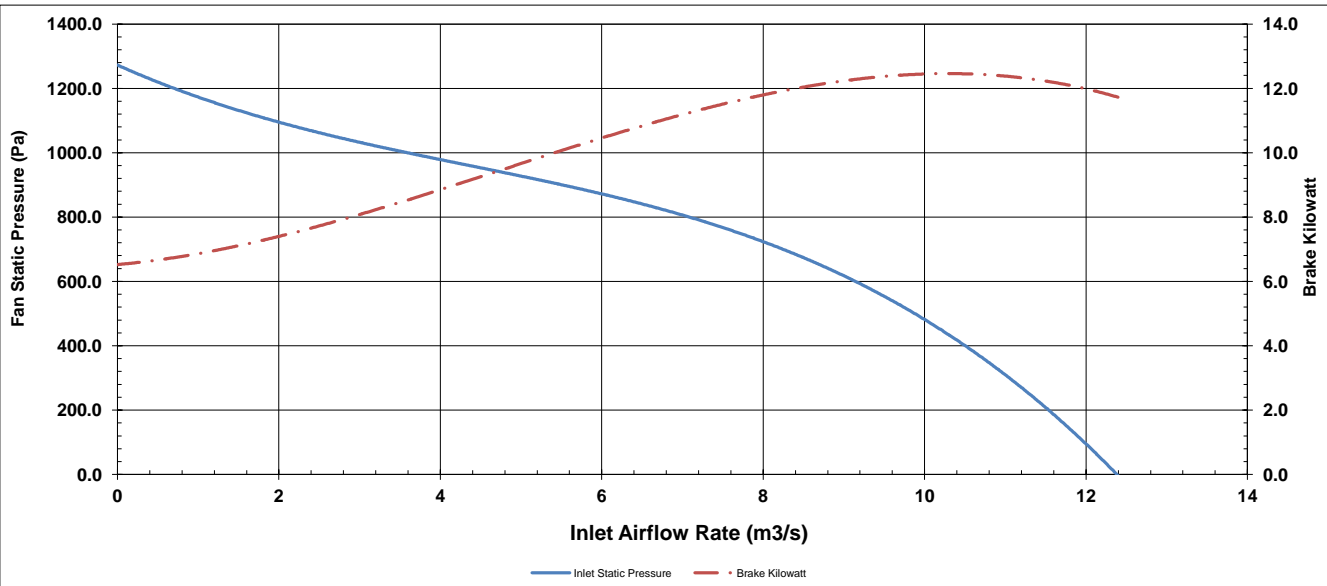
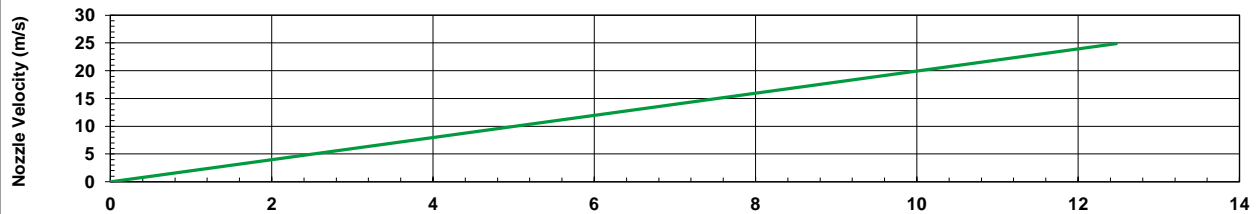
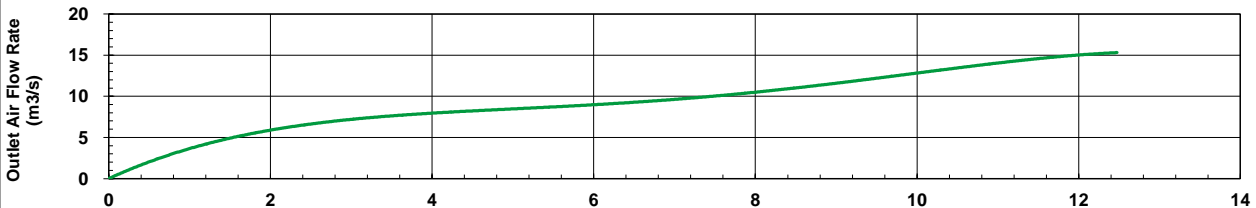
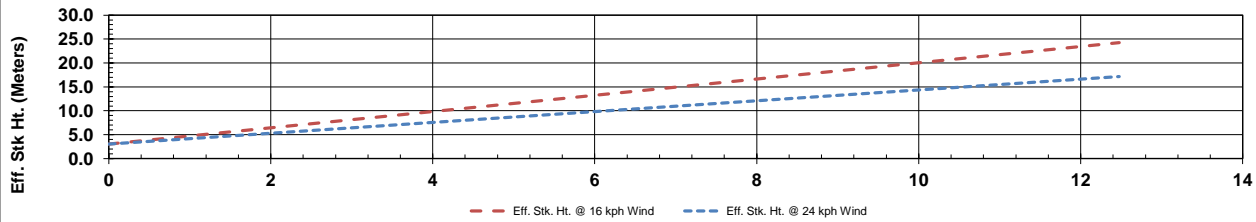
Model #: Tri-Stack™ Series M M48D55S150M6

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 1.27 M<sup>2</sup>

Speed: 970 rpm

Outlet Area: 5.40 M<sup>2</sup>



Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (Pa)	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	
970	124.54	86	90	85	80	80	78	81	73	93
970	311.36	85	91	85	79	80	77	79	72	93
970	560.45	86	86	82	78	79	74	72	69	91
970	747.27	90	85	81	77	79	72	70	68	92

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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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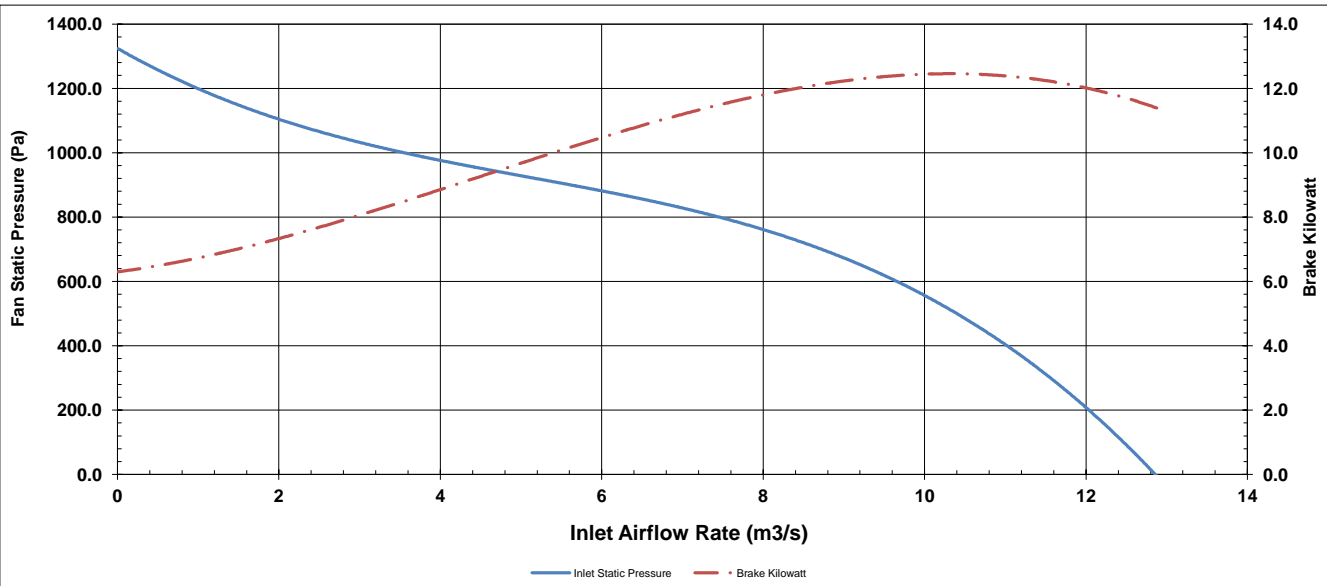
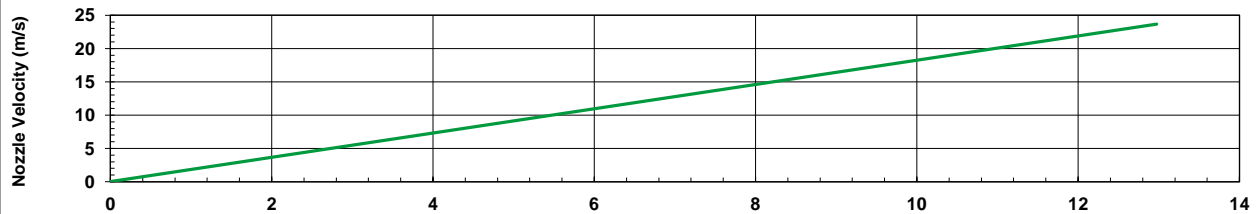
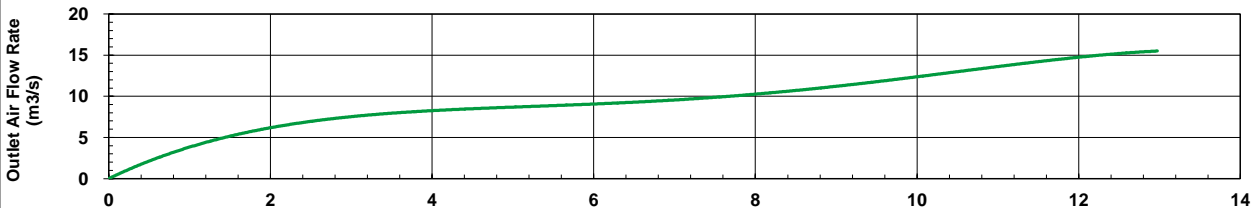
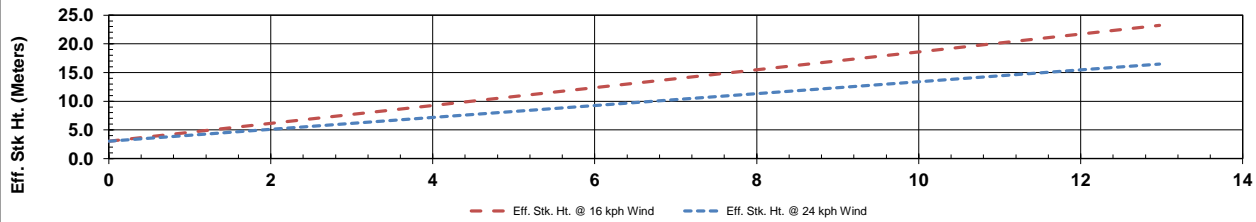
Model #: Tri-Stack™ Series M M48D60S150M6

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 1.27 M<sup>2</sup>

Speed: 970 rpm

Outlet Area: 5.90 M<sup>2</sup>



Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (Pa)	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	
970	124.54	85	88	84	81	80	77	84	74	92
970	311.36	85	88	83	80	80	77	81	73	92
970	560.45	85	86	81	78	79	73	74	70	90
970	747.27	89	84	81	77	78	71	71	69	91

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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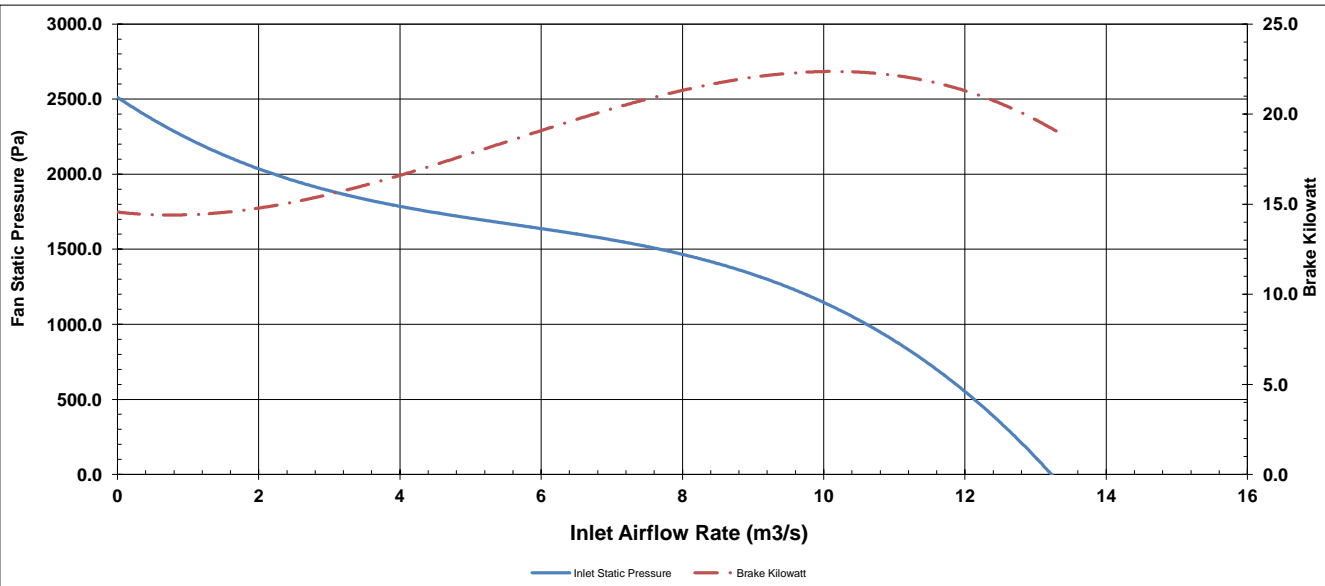
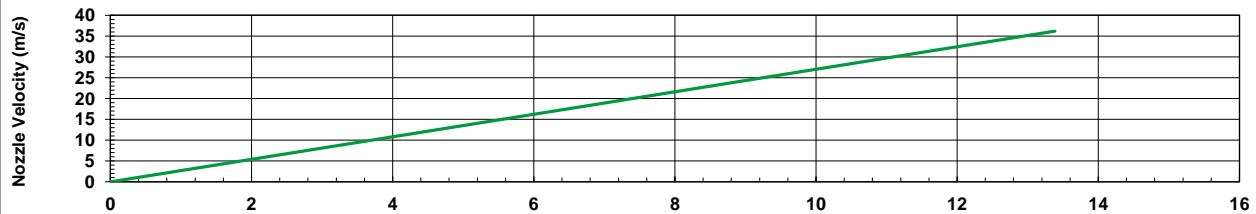
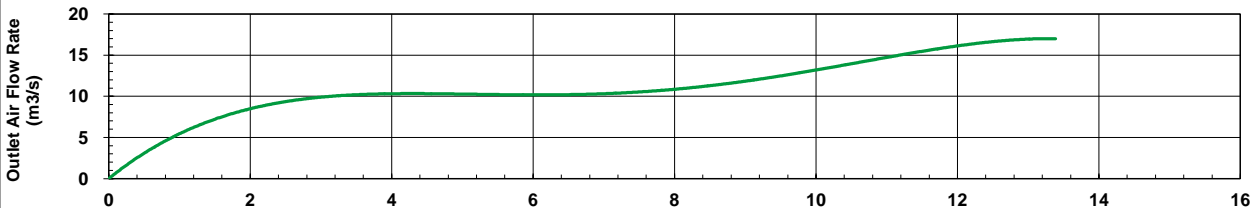
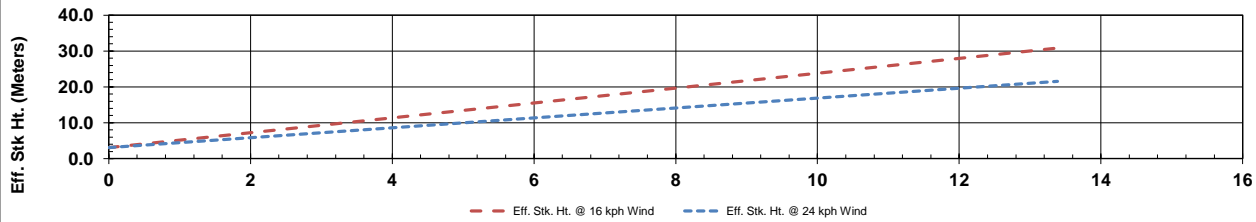
Model #: Tri-Stack™ Series M M48A40N220M4

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 1.03 M<sup>2</sup>

Speed: 1470 rpm

Outlet Area: 3.98 M<sup>2</sup>



Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (Pa)	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	
1470	373.63	91	95	95	95	95	94	90	81	102
1470	747.27	90	94	93	95	94	92	87	79	101
1470	1120.90	91	93	93	94	93	91	85	79	101
1470	1556.81	98	95	96	96	94	91	86	79	103

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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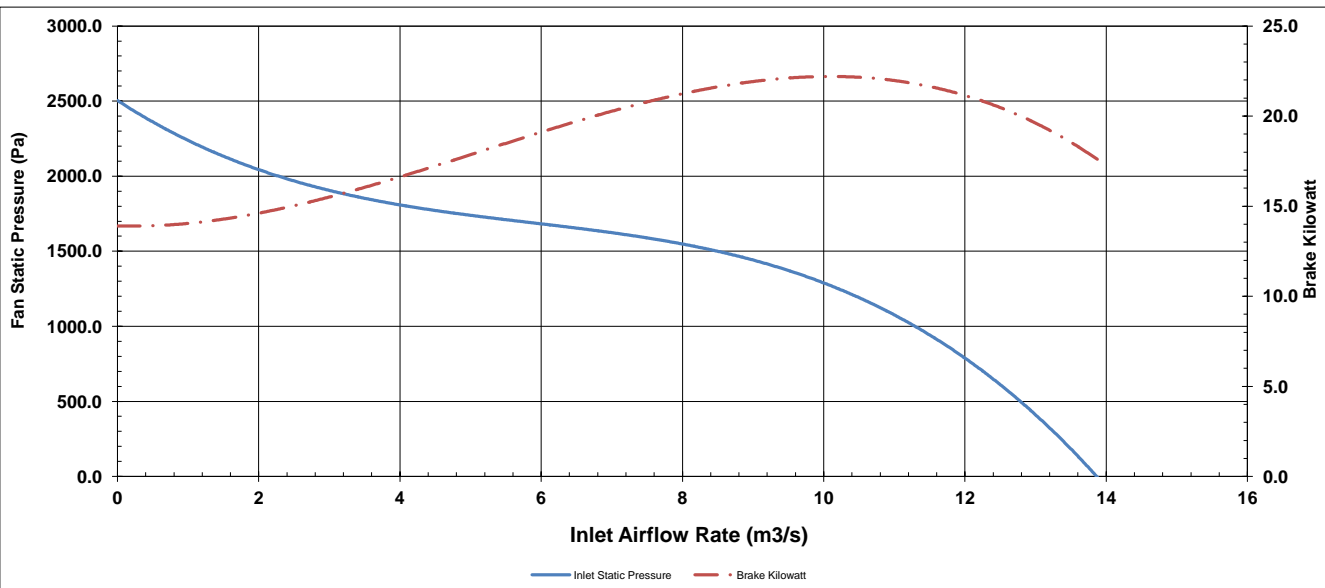
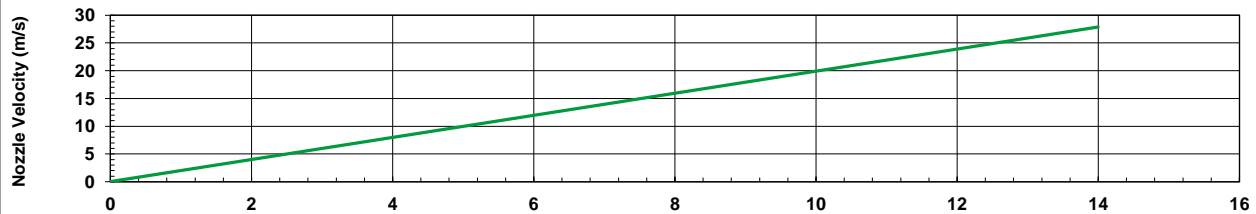
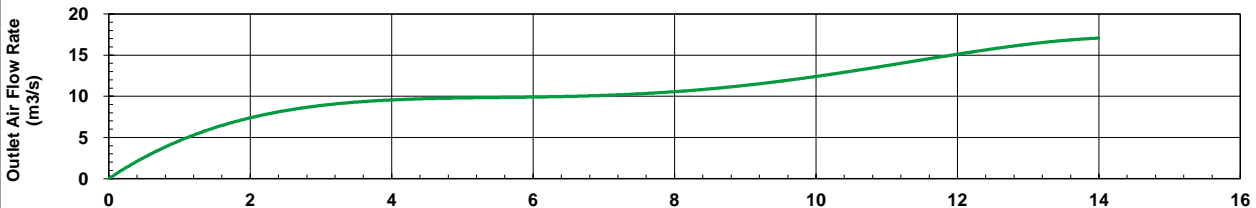
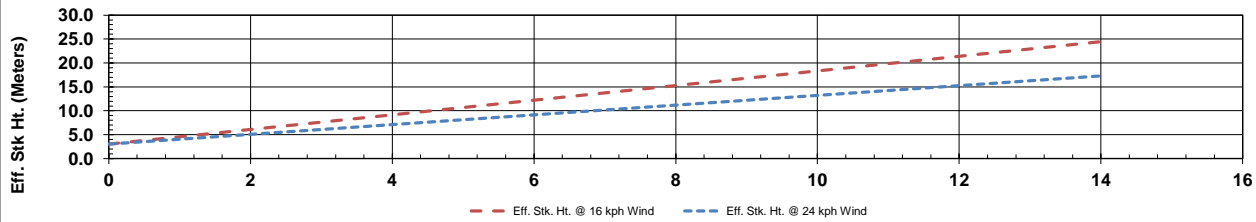
Model #: Tri-Stack™ Series M M48A55N220M4

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 1.03 M<sup>2</sup>

Speed: 1470 rpm

Outlet Area: 5.40 M<sup>2</sup>



#### Outlet Sound Power Lw(dB) by Octave Band

RPM	Ps (Pa)	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	
1470	373.63	95	101	99	98	97	95	92	82	106
1470	747.27	93	99	97	96	96	93	88	79	104
1470	1120.90	93	98	96	95	95	91	86	78	103
1470	1556.81	99	98	96	95	94	90	85	77	104

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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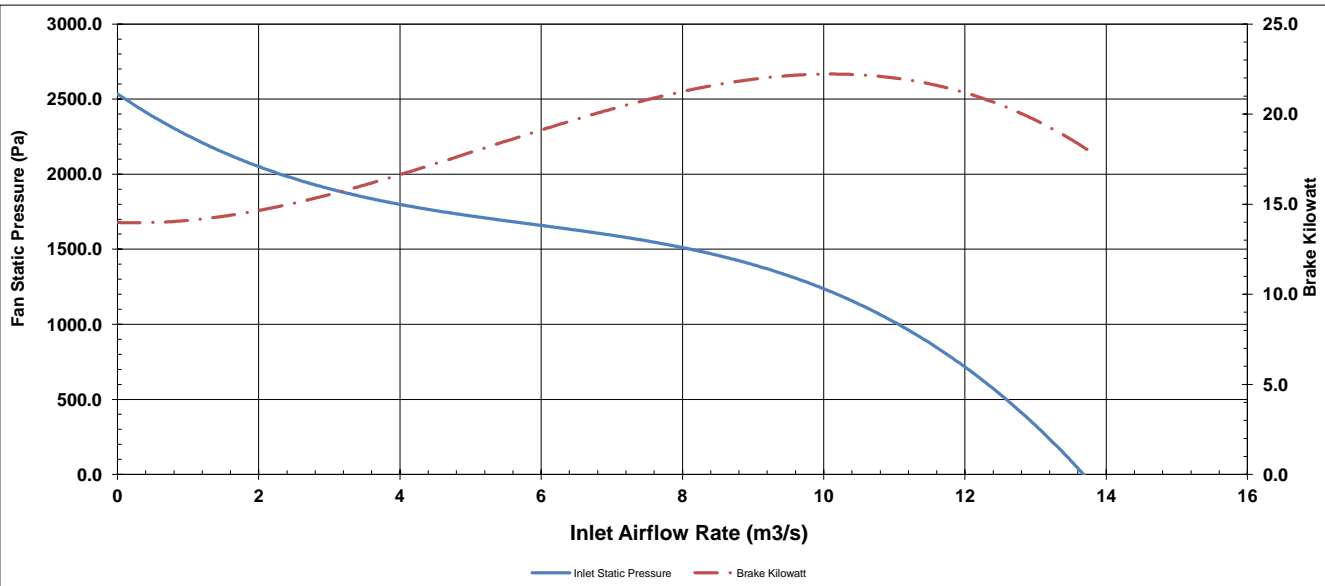
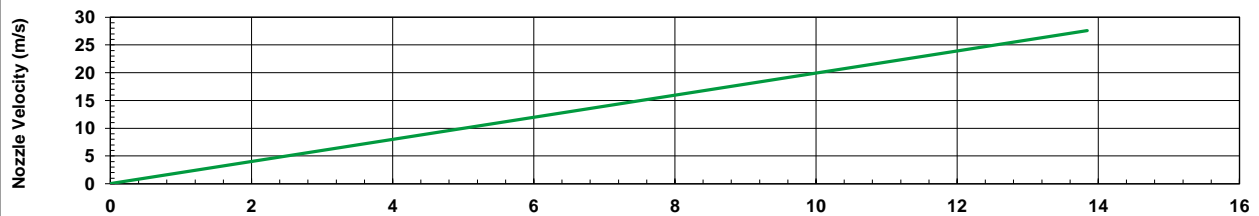
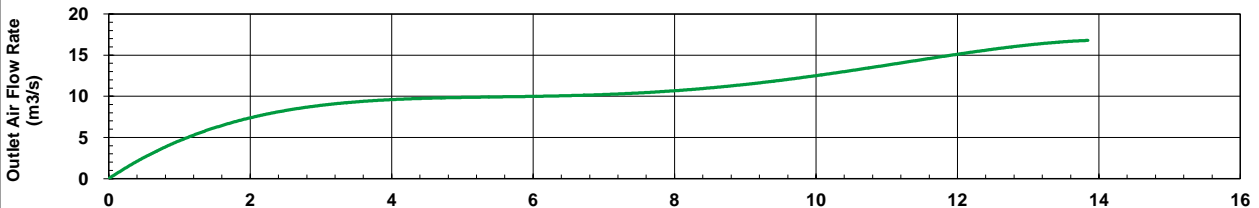
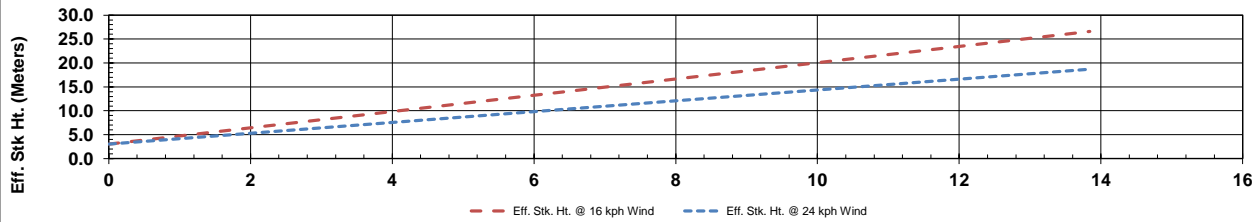
Model #: Tri-Stack™ Series M M48A55S220M4

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 1.27 M<sup>2</sup>

Speed: 1470 rpm

Outlet Area: 5.40 M<sup>2</sup>



#### Outlet Sound Power Lw(dB) by Octave Band

RPM	Ps (Pa)	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	
1470	373.63	88	90	86	84	81	81	80	73	95
1470	747.27	87	88	84	84	82	80	78	72	93
1470	1120.90	87	87	83	84	82	78	77	71	92
1470	1556.81	93	88	84	84	82	78	77	70	95

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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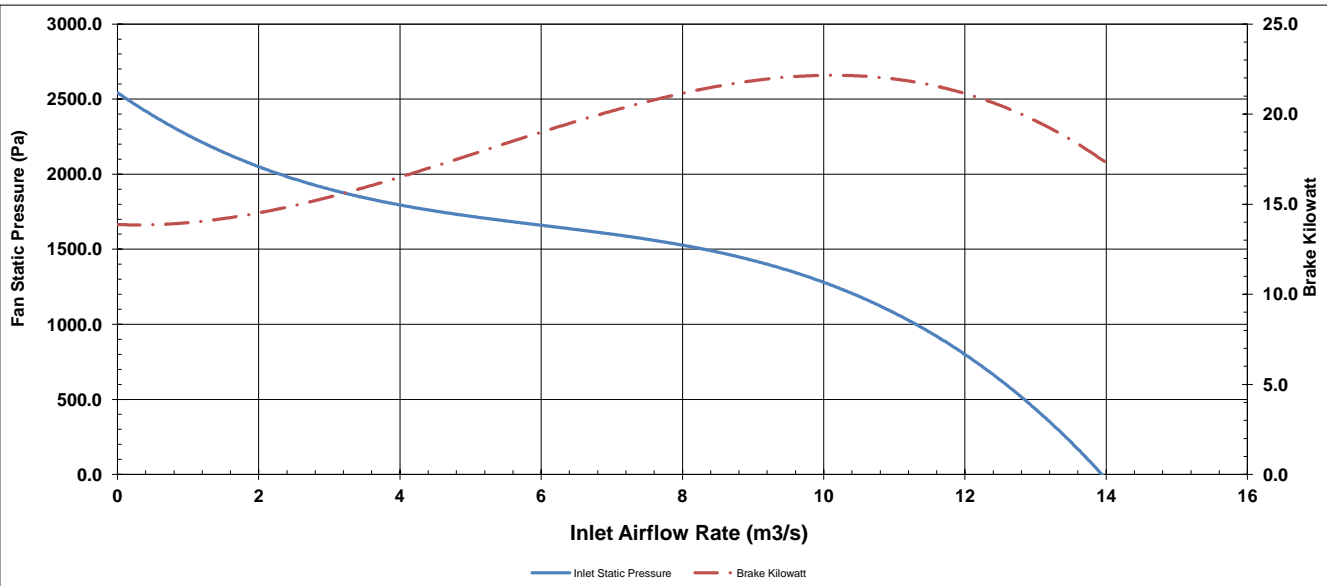
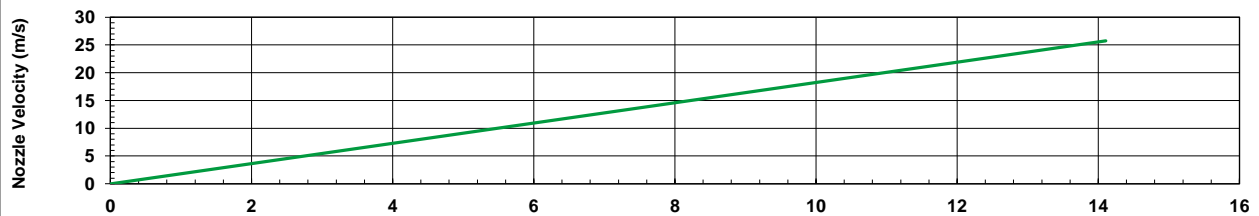
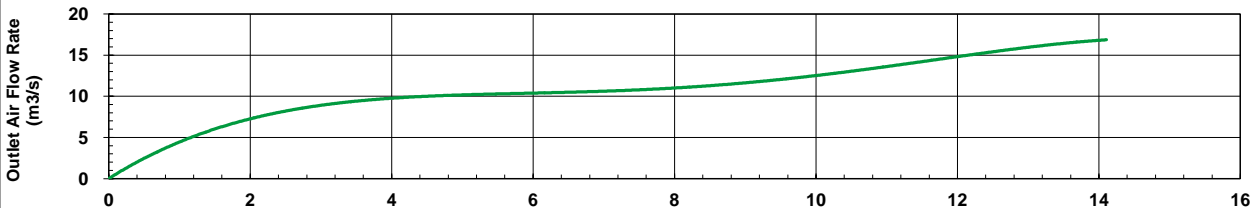
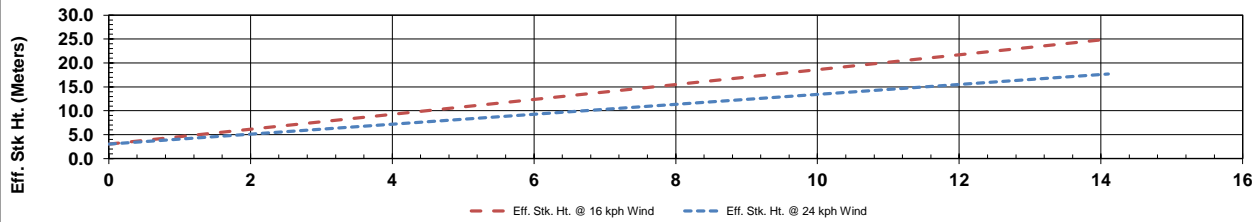
Model #: Tri-Stack™ Series M M48A60S220M4

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 1.27 M<sup>2</sup>

Speed: 1470 rpm

Outlet Area: 5.90 M<sup>2</sup>



#### Outlet Sound Power Lw(dB) by Octave Band

RPM	Ps (Pa)	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	
1470	373.63	89	92	88	83	81	79	81	76	96
1470	747.27	86	90	90	85	77	75	67	58	95
1470	1120.90	86	90	85	84	82	77	77	72	94
1470	1556.81	91	87	84	85	83	75	75	70	94

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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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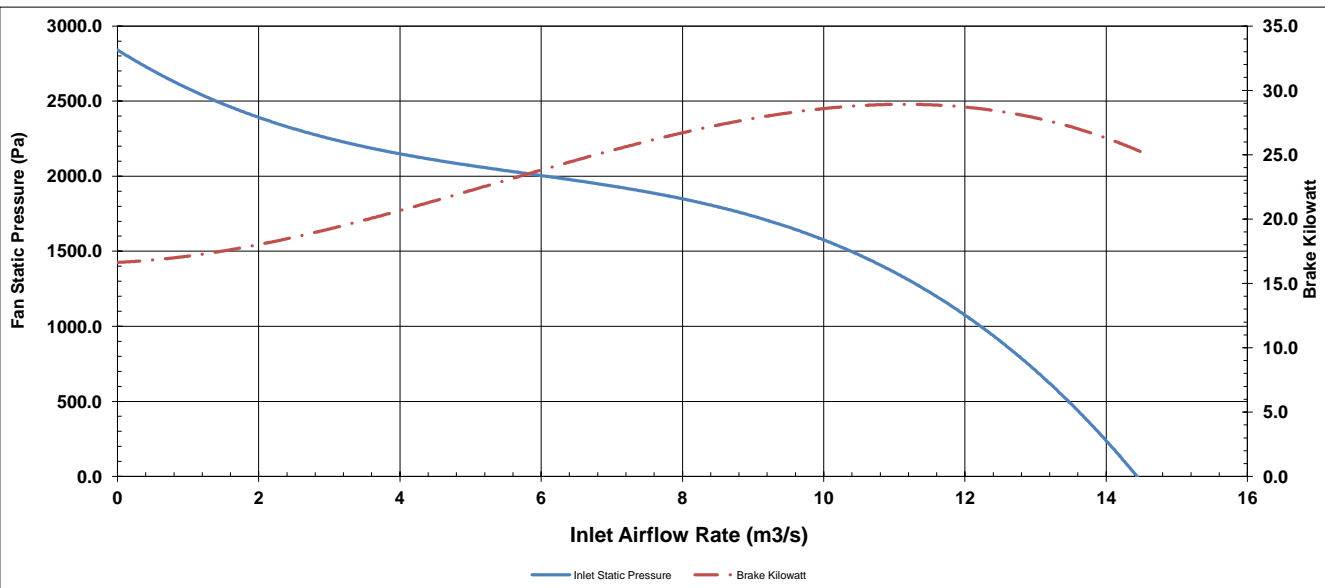
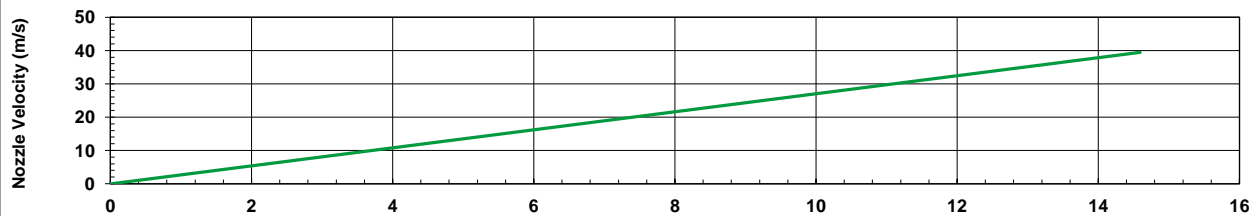
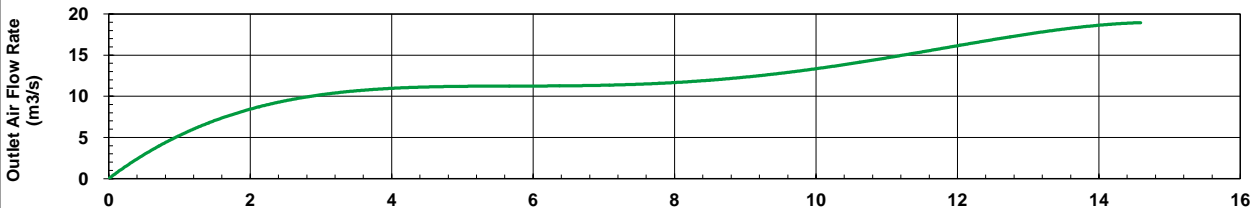
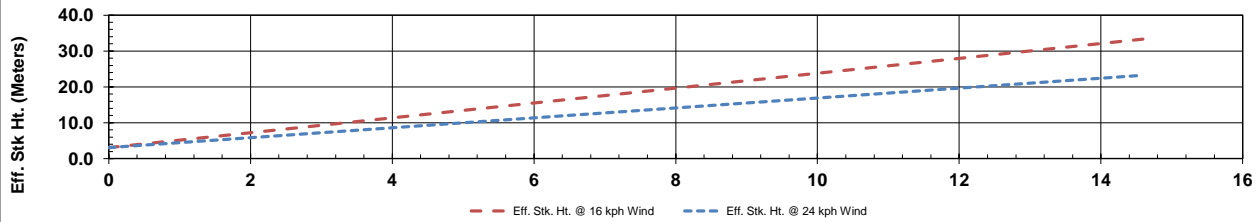
Model #: Tri-Stack™ Series M M48B40N300M4

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 1.03 M<sup>2</sup>

Speed: 1475 rpm

Outlet Area: 3.98 M<sup>2</sup>



#### Outlet Sound Power Lw(dB) by Octave Band

RPM	Ps (Pa)	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	
1475	373.63	95	101	100	99	99	97	93	84	107
1475	747.27	94	100	99	98	97	95	91	82	106
1475	1183.17	94	99	97	97	97	94	89	81	104
1475	1556.81	96	97	97	97	96	92	87	80	104

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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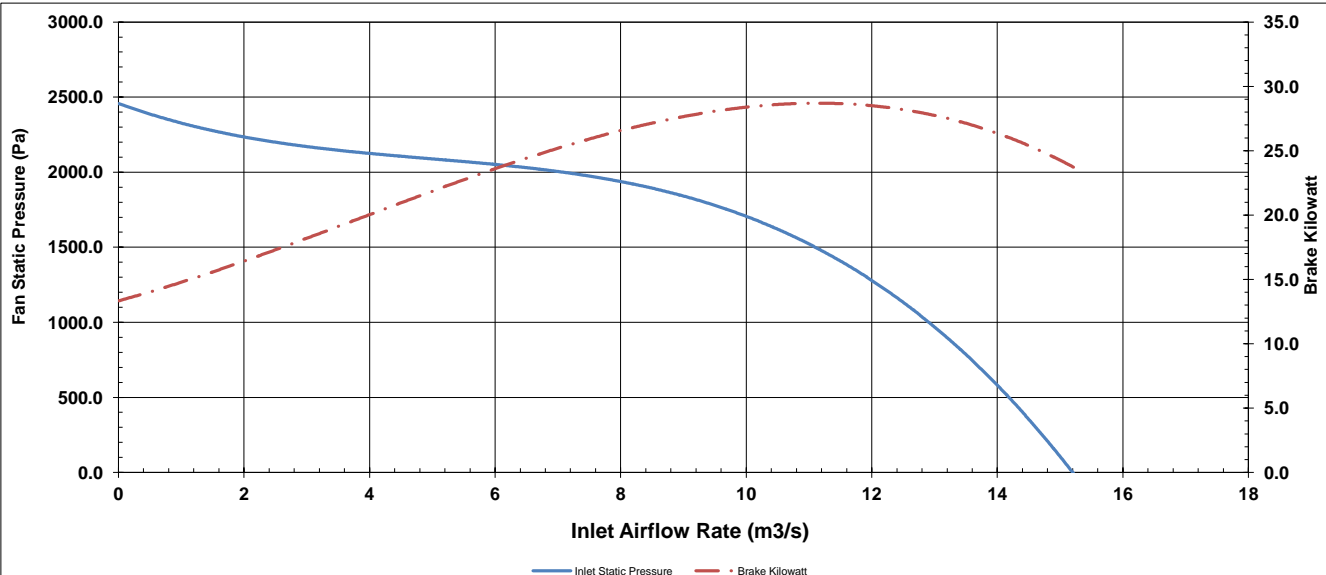
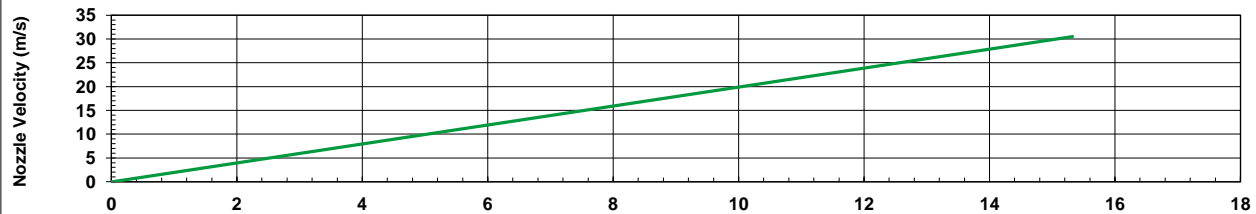
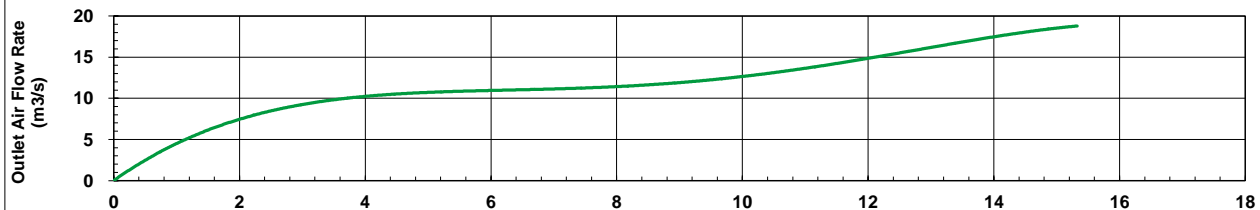
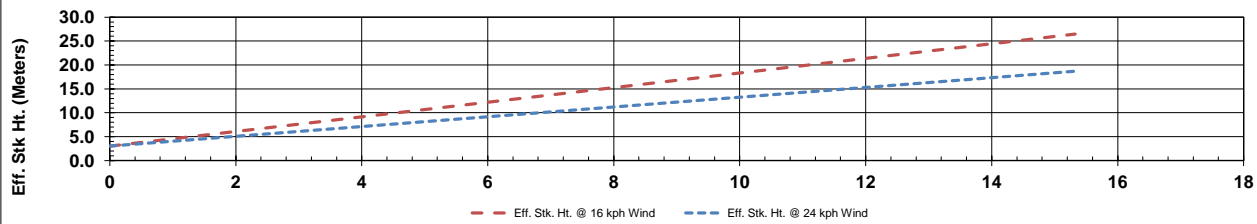
Model #: Tri-Stack™ Series M M48B55N300M4

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 1.03 M<sup>2</sup>

Speed: 1475 rpm

Outlet Area: 5.40 M<sup>2</sup>



Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (Pa)	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	
1475	373.63	98	101	101	100	100	98	95	86	108
1475	747.27	96	99	99	98	98	96	93	84	106
1475	1183.17	96	98	97	97	97	95	90	82	105
1475	1556.81	98	97	97	96	96	93	88	80	104

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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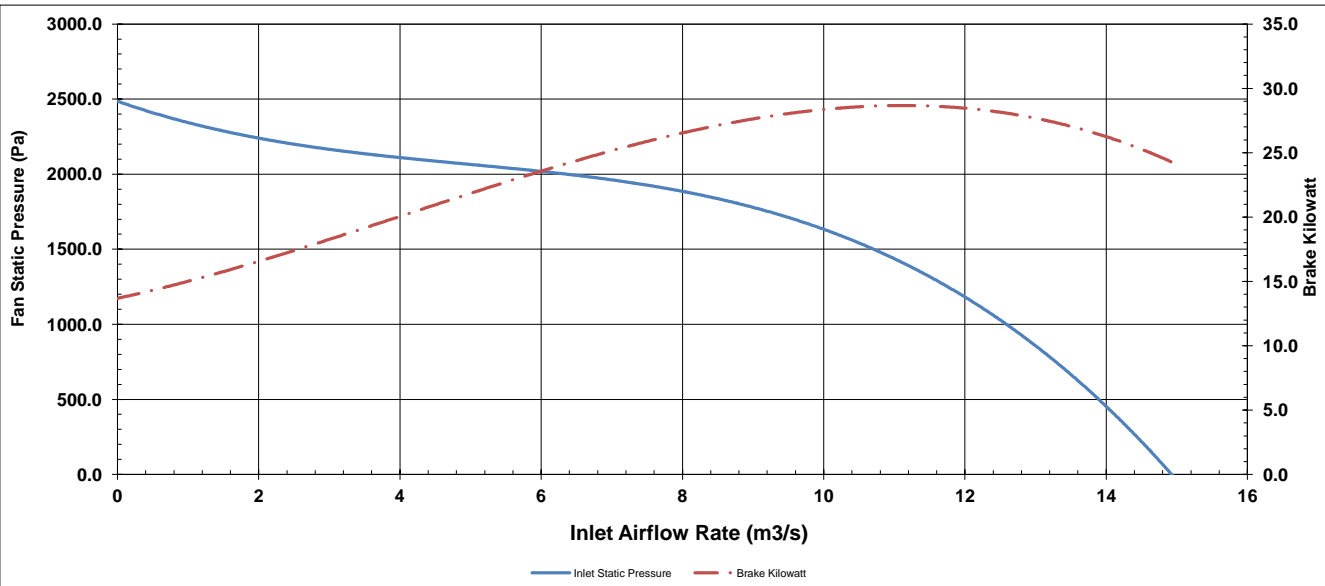
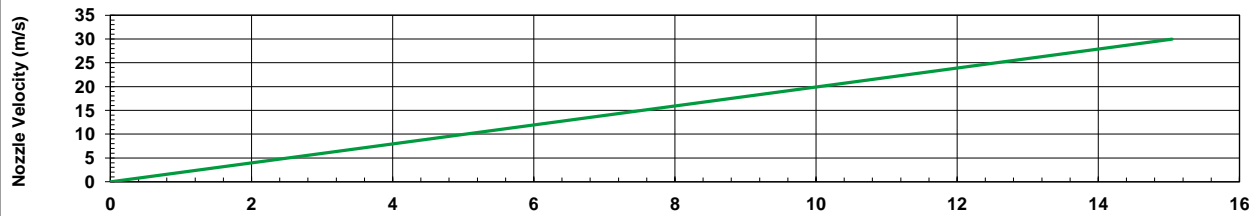
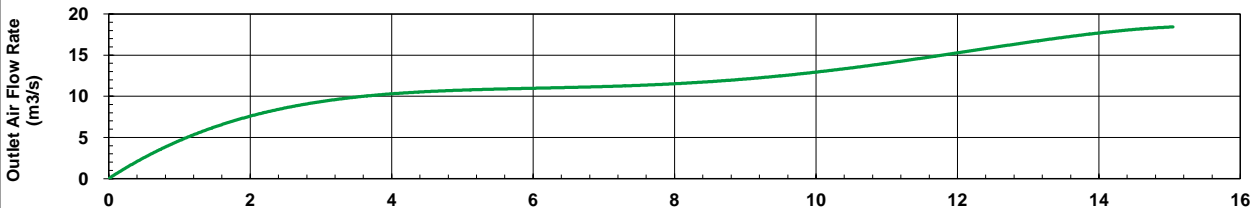
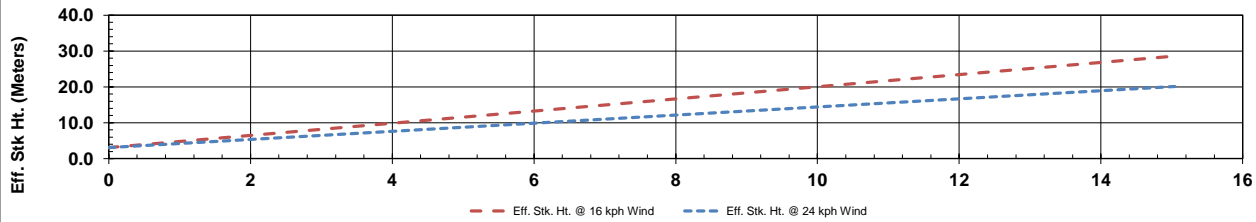
Model #: Tri-Stack™ Series M M48B55S300M4

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 1.27 M<sup>2</sup>

Speed: 1475 rpm

Outlet Area: 5.40 M<sup>2</sup>



Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (Pa)	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	
1475	373.63	94	97	91	88	85	84	83	77	100
1475	747.27	93	95	89	87	85	83	82	75	98
1475	1183.17	95	91	87	87	85	81	79	73	98
1475	1556.81	82	82	83	83	85	85	83	80	92

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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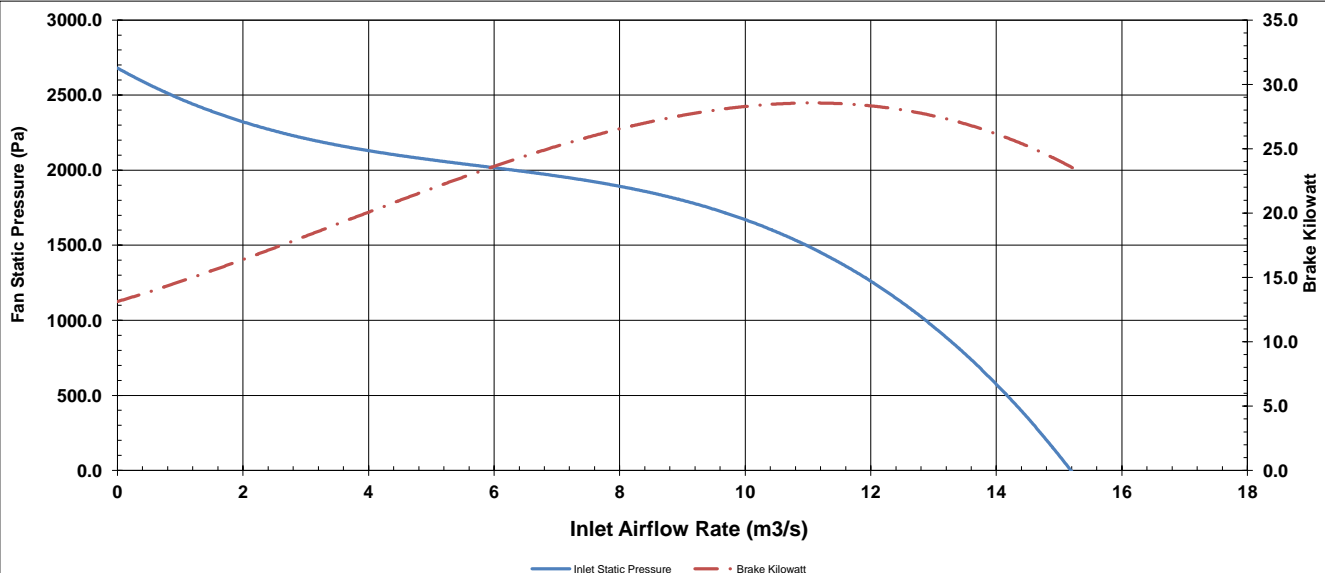
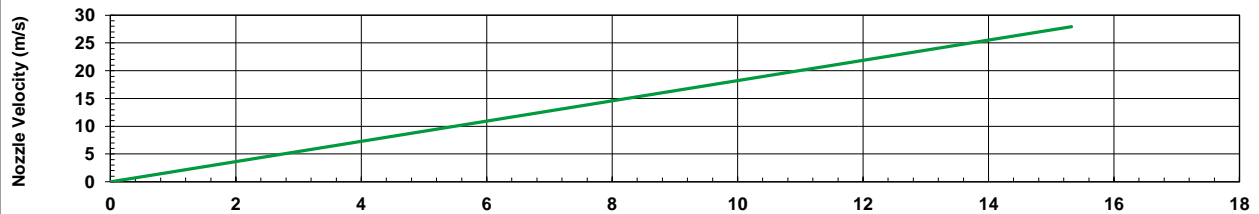
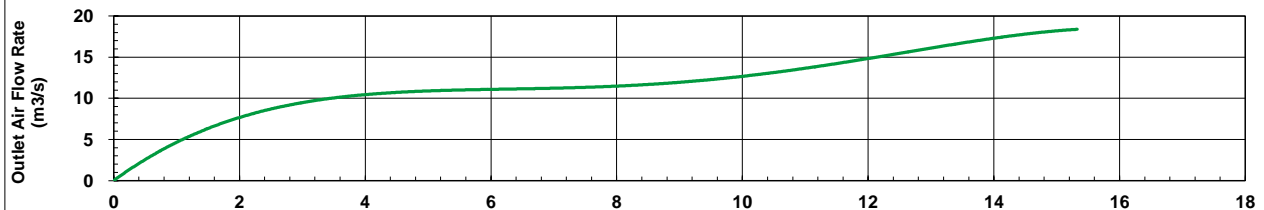
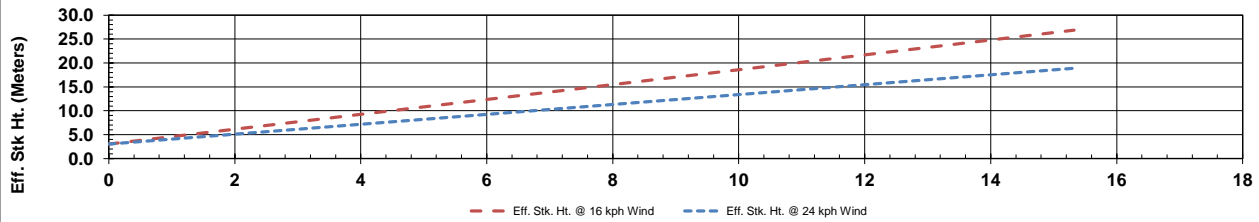
Model #: Tri-Stack™ Series M M48B60S300M4

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 1.27 M<sup>2</sup>

Speed: 1475 rpm

Outlet Area: 5.90 M<sup>2</sup>



Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (Pa)	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	
1475	373.63	91	98	93	87	84	81	83	77	100
1475	747.27	89	94	90	87	85	80	82	76	97
1475	1183.17	88	91	87	86	84	79	80	74	95
1475	1556.81	91	89	86	86	84	78	79	73	95

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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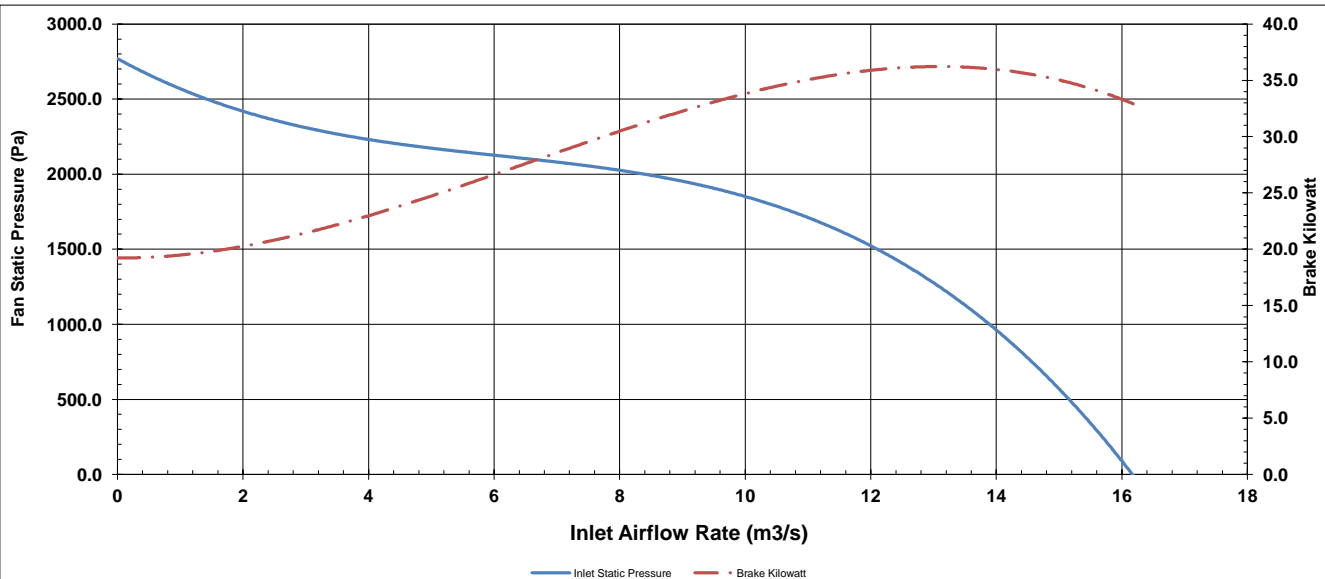
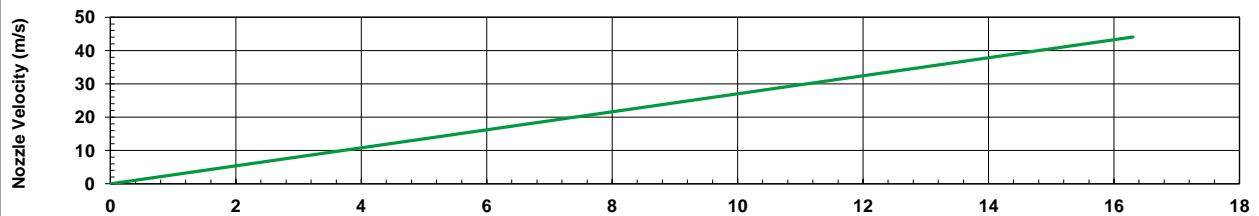
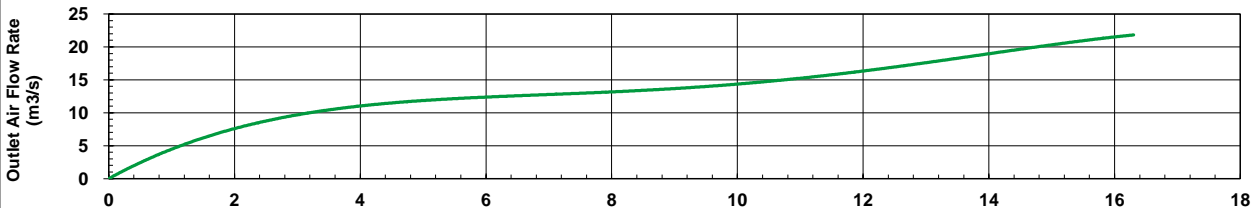
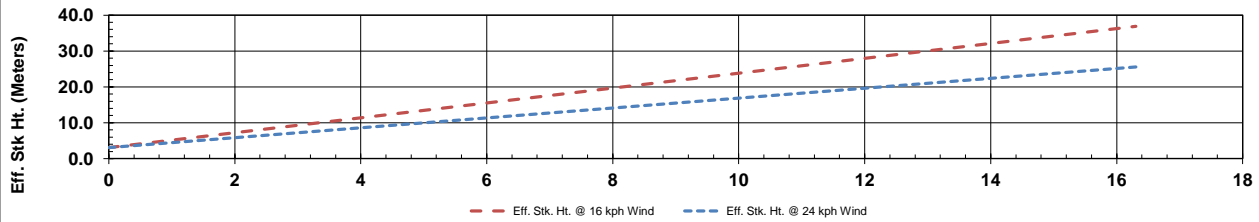
Model #: Tri-Stack™ Series M M48C40N370M4

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 1.03 M<sup>2</sup>

Speed: 1480 rpm

Outlet Area: 3.98 M<sup>2</sup>



Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (Pa)	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	
1480	373.63	98	105	102	100	100	98	95	85	109
1480	747.27	96	103	100	99	99	97	94	83	107
1480	1183.17	95	102	99	98	98	95	91	82	106
1480	1556.81	98	102	99	98	97	94	89	82	107

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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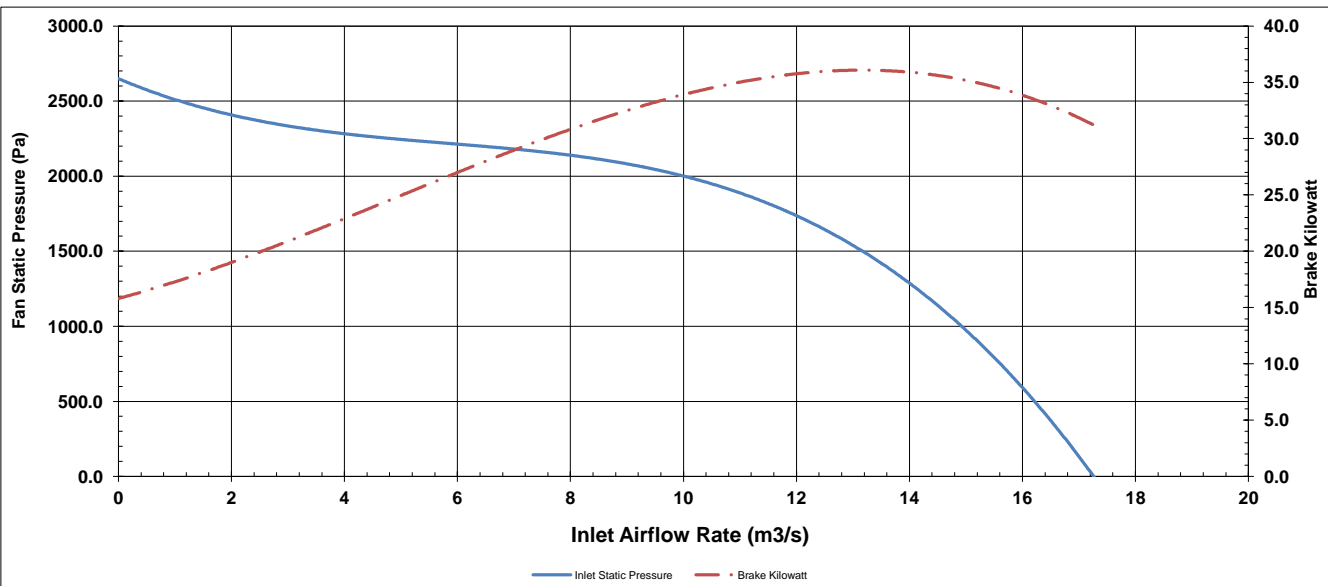
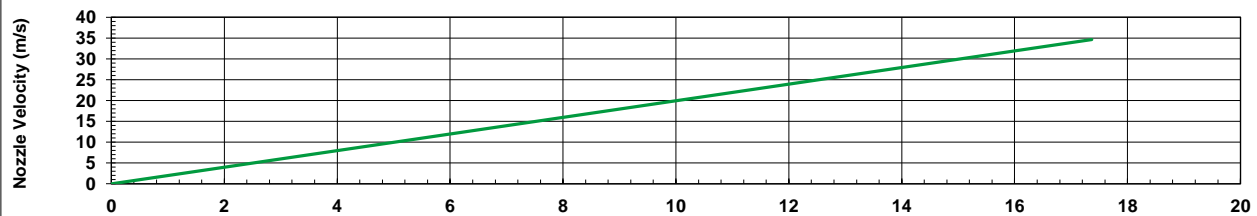
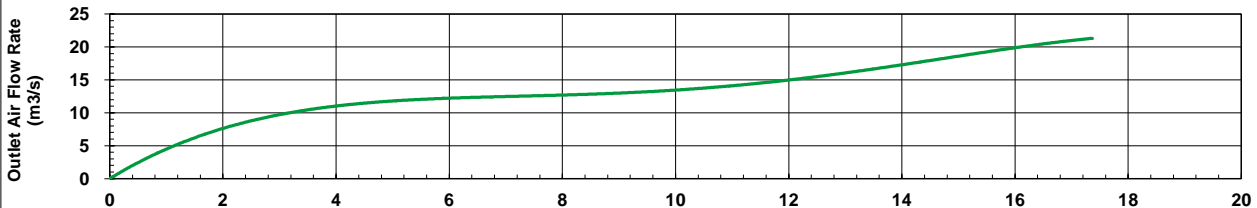
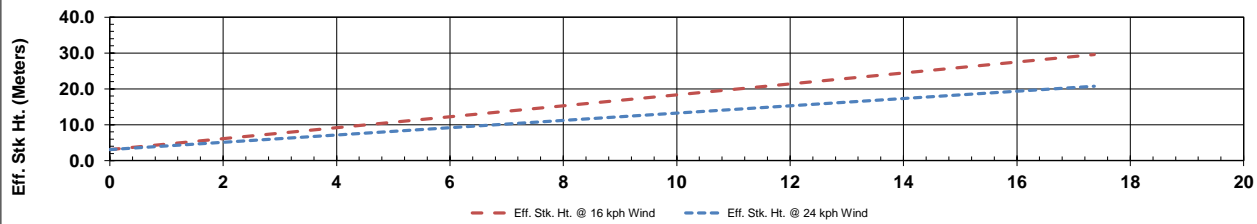
Model #: Tri-Stack™ Series M M48C55N370M4

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 1.03 M<sup>2</sup>

Speed: 1480 rpm

Outlet Area: 5.40 M<sup>2</sup>



Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (Pa)	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	
1480	373.63	100	106	102	103	102	100	98	88	111
1480	747.27	98	105	102	101	100	98	96	85	109
1480	1183.17	96	103	100	99	99	96	93	83	107
1480	1556.81	98	100	99	98	98	95	91	82	106

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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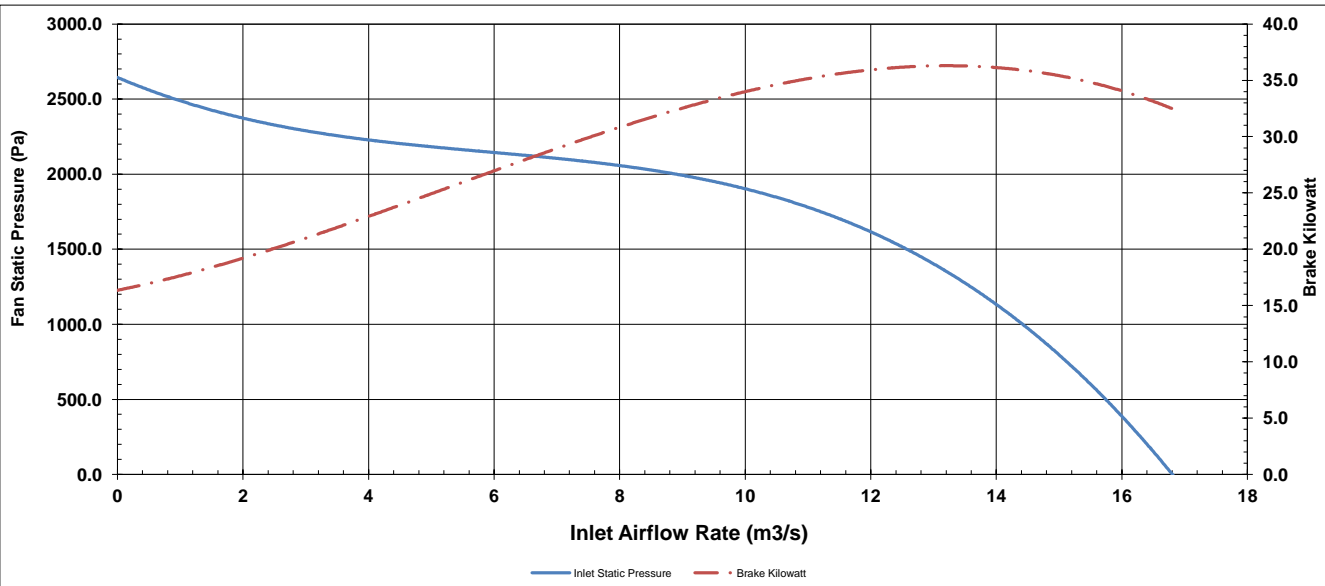
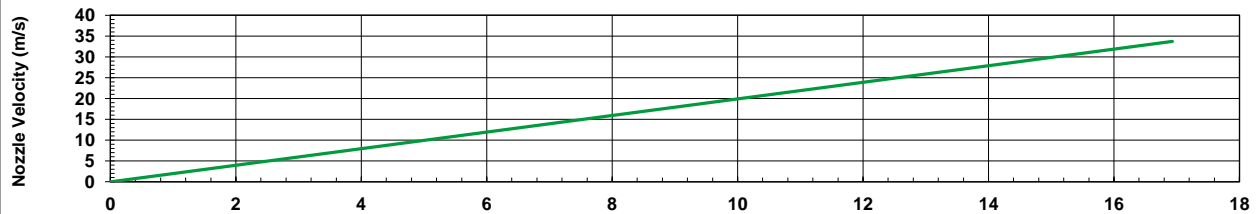
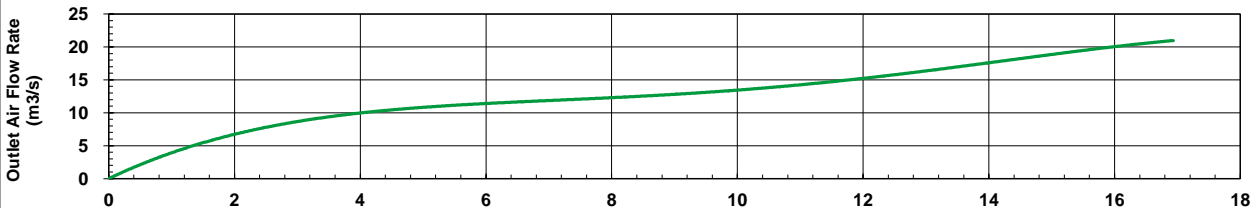
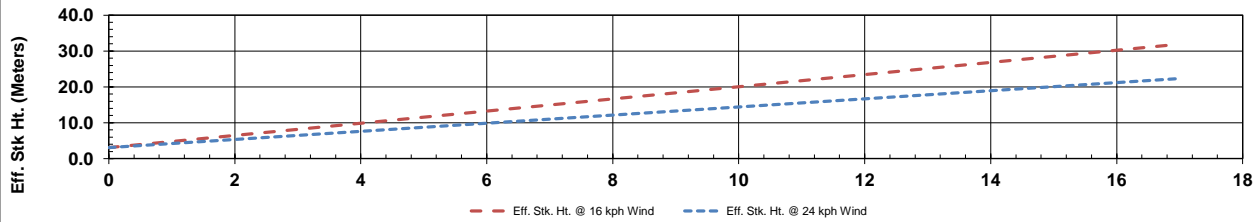
Model #: Tri-Stack™ Series M M48C55S370M4

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 1.27 M<sup>2</sup>

Speed: 1480 rpm

Outlet Area: 5.40 M<sup>2</sup>



Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (Pa)	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	
1480	373.63	92	96	91	86	84	85	85	79	99
1480	747.27	90	94	89	85	83	84	83	77	97
1480	1183.17	90	93	88	84	82	82	81	76	96
1480	1556.81	91	91	87	83	82	81	79	75	96

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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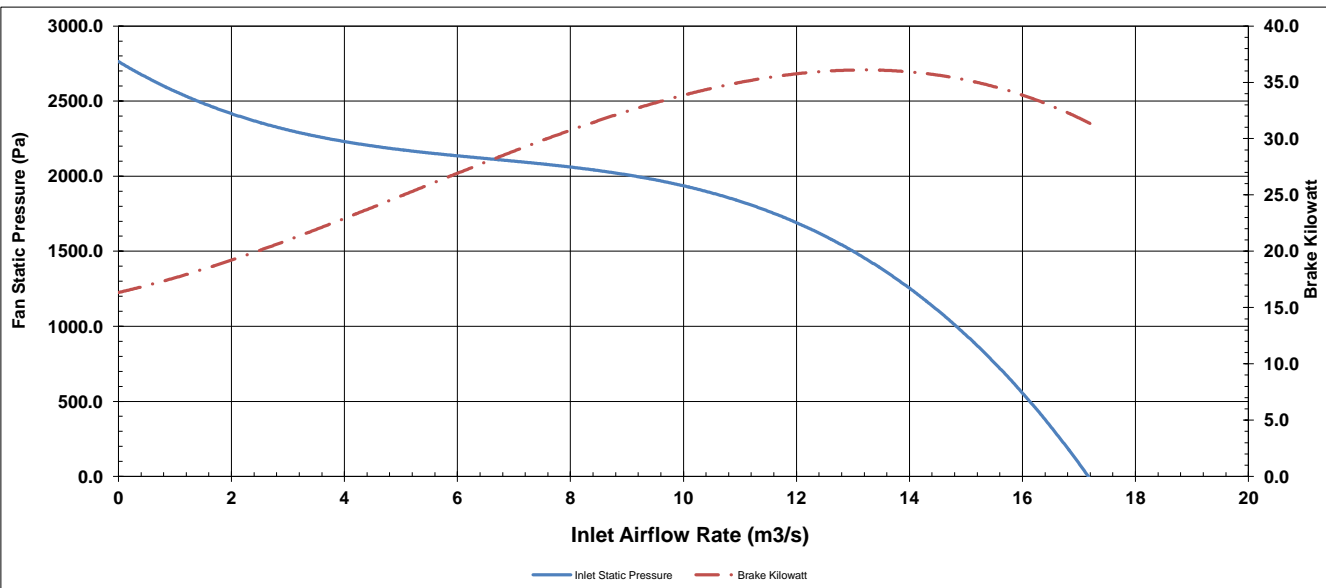
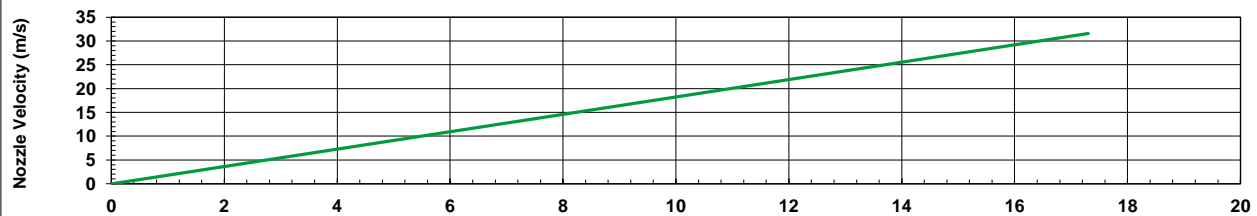
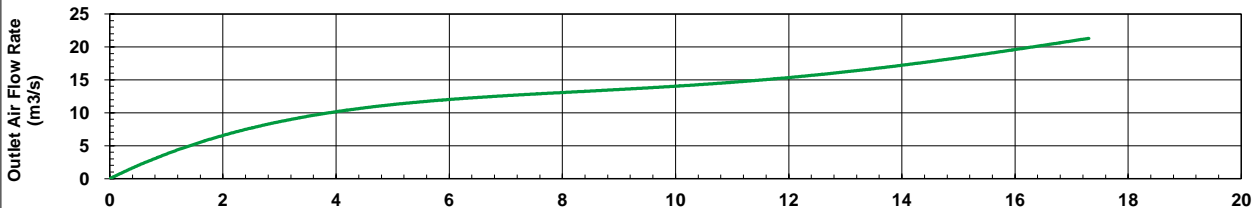
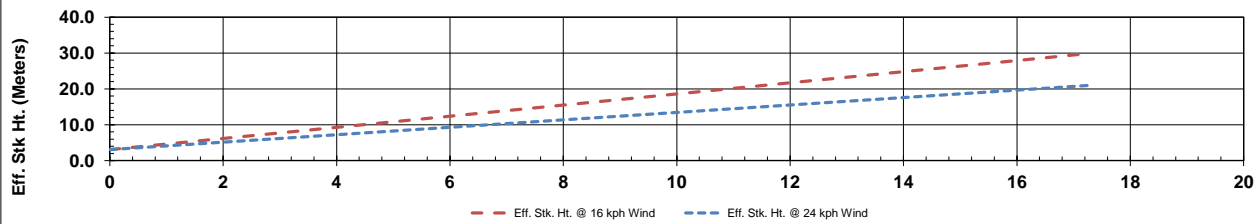
Model #: Tri-Stack™ Series M M48C60S370M4

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 1.27 M<sup>2</sup>

Speed: 1480 rpm

Outlet Area: 5.90 M<sup>2</sup>



Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (Pa)	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	
1480	373.63	93	97	92	86	84	81	85	79	100
1480	747.27	92	95	91	85	83	80	84	78	99
1480	1183.17	89	95	90	84	82	79	82	76	97
1480	1556.81	90	93	88	83	81	78	79	75	96

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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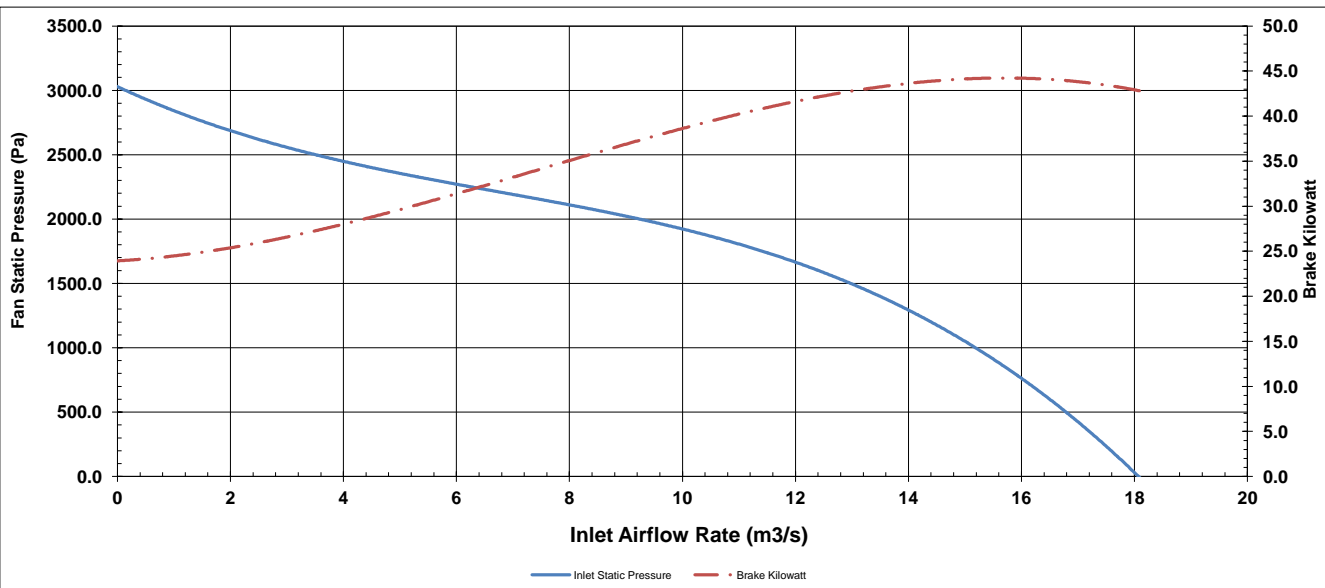
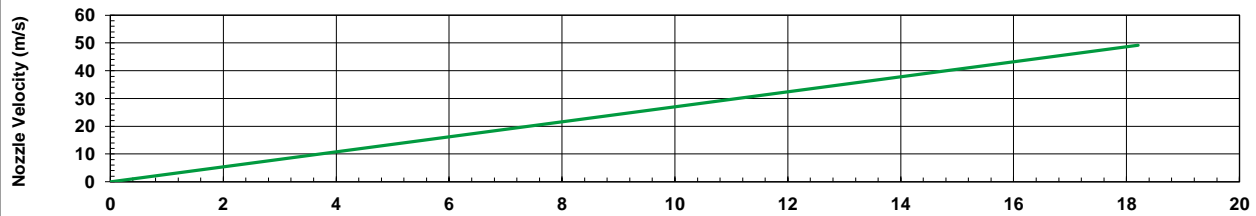
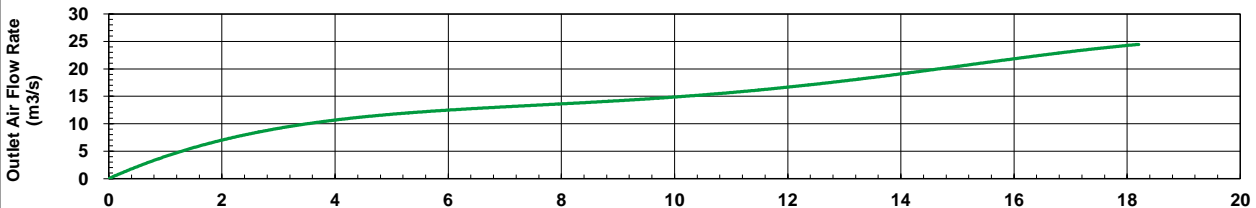
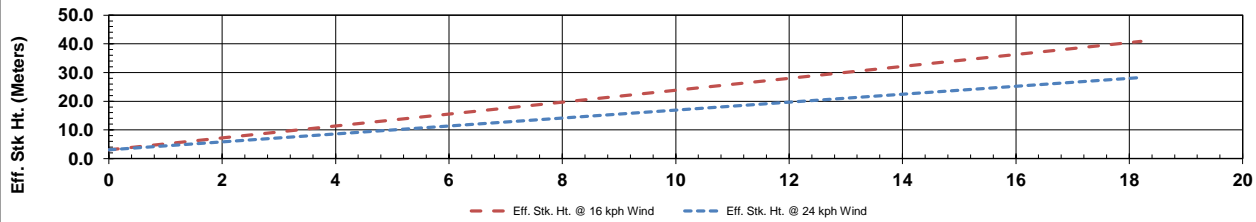
Model #: Tri-Stack™ Series M M48D40N450M4

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 1.03 M<sup>2</sup>

Speed: 1480 rpm

Outlet Area: 3.98 M<sup>2</sup>



#### Outlet Sound Power Lw(dB) by Octave Band

RPM	Ps (Pa)	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	
1480	373.63	98	108	104	102	102	102	104	88	112
1480	747.27	97	108	104	102	102	100	99	85	111
1480	1369.99	99	107	103	101	101	97	92	84	110
1480	1743.62	104	103	103	101	100	96	90	83	110

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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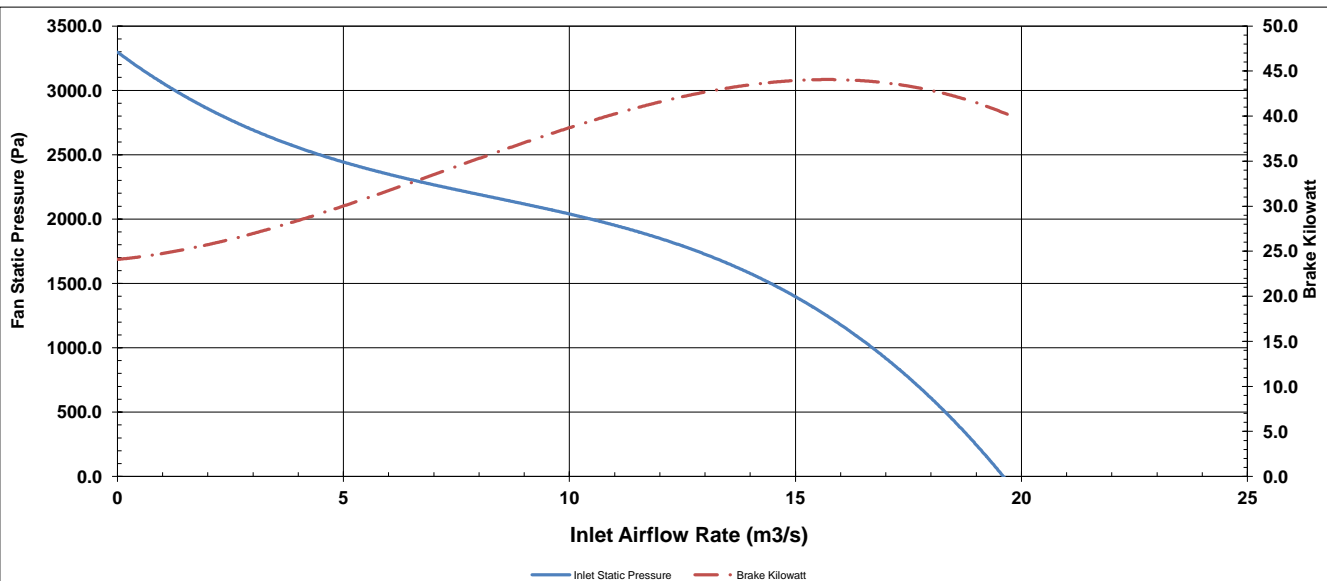
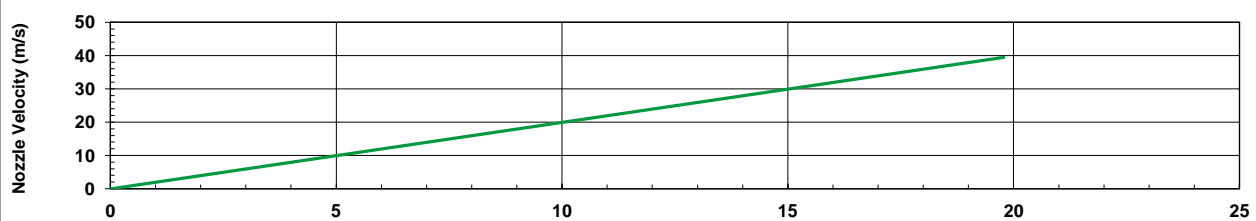
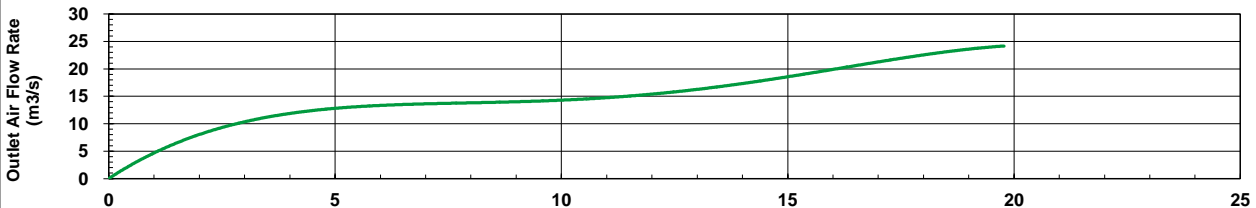
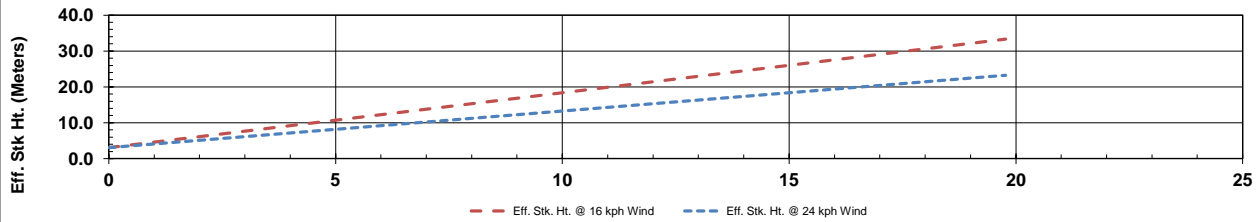
Model #: Tri-Stack™ Series M M48D55N450M4

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 1.03 M<sup>2</sup>

Speed: 1480 rpm

Outlet Area: 5.40 M<sup>2</sup>



Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (Pa)	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	
1480	373.63	100	109	106	104	104	103	106	91	114
1480	747.27	99	110	106	103	103	102	104	89	114
1480	1369.99	100	107	104	102	102	100	97	86	111
1480	1743.62	103	104	102	102	101	97	91	84	110

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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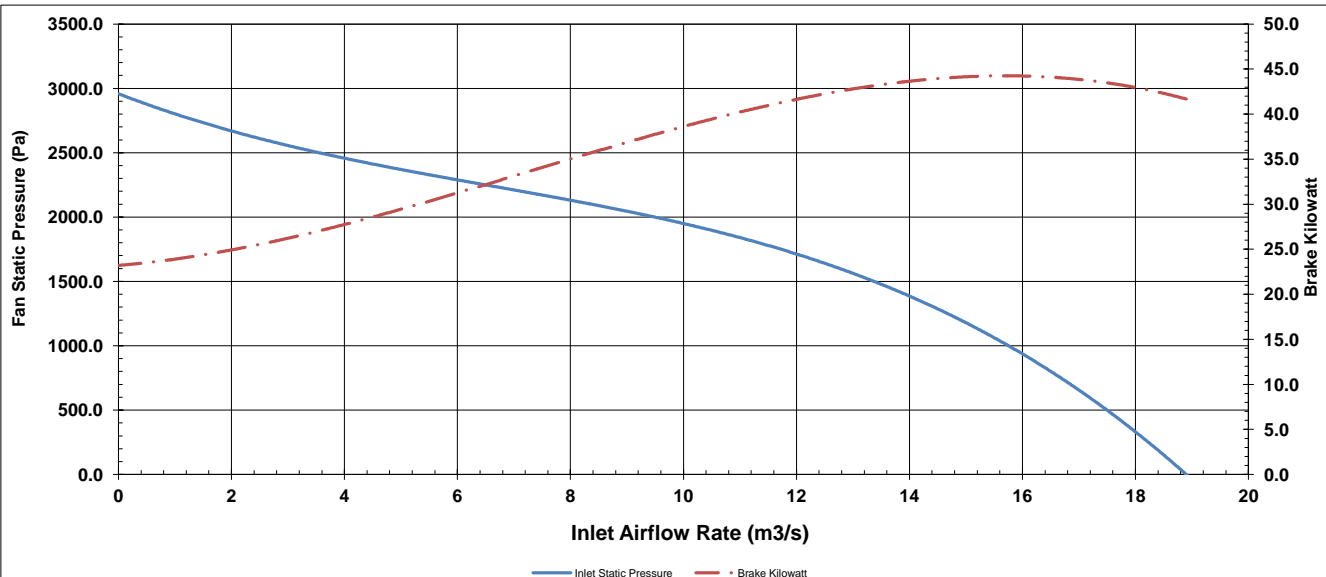
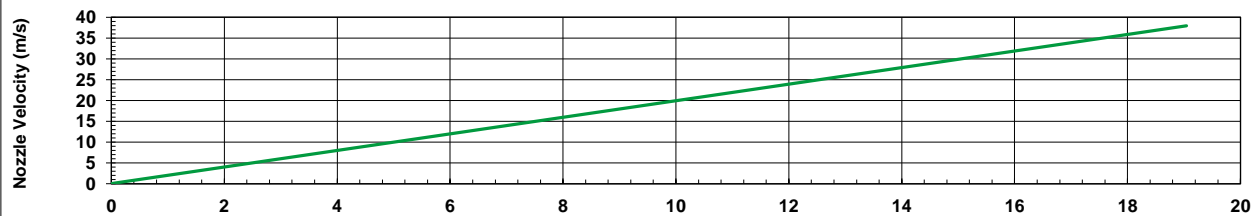
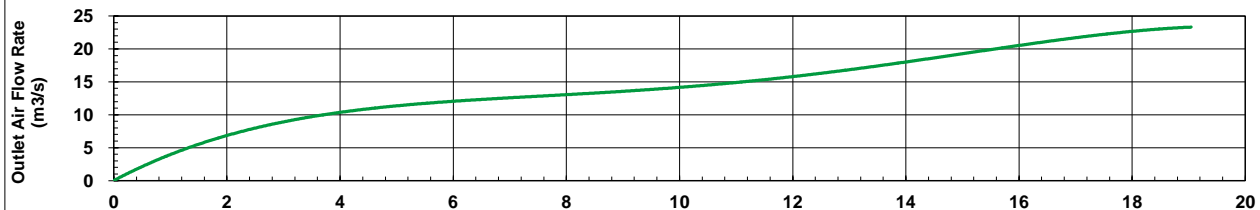
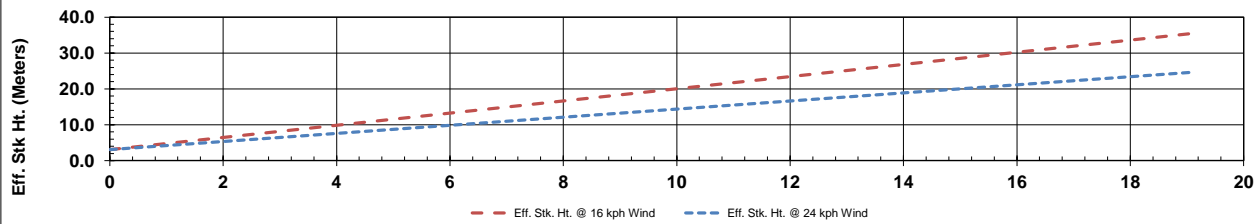
Model #: Tri-Stack™ Series M M48D55S450M4

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 1.27 M<sup>2</sup>

Speed: 1480 rpm

Outlet Area: 5.40 M<sup>2</sup>



Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (Pa)	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	
1480	373.63	95	99	94	89	90	87	91	83	102
1480	747.27	95	100	94	88	89	86	88	81	102
1480	1369.99	95	95	91	87	88	83	81	78	100
1480	1743.62	99	95	91	86	88	81	79	77	101

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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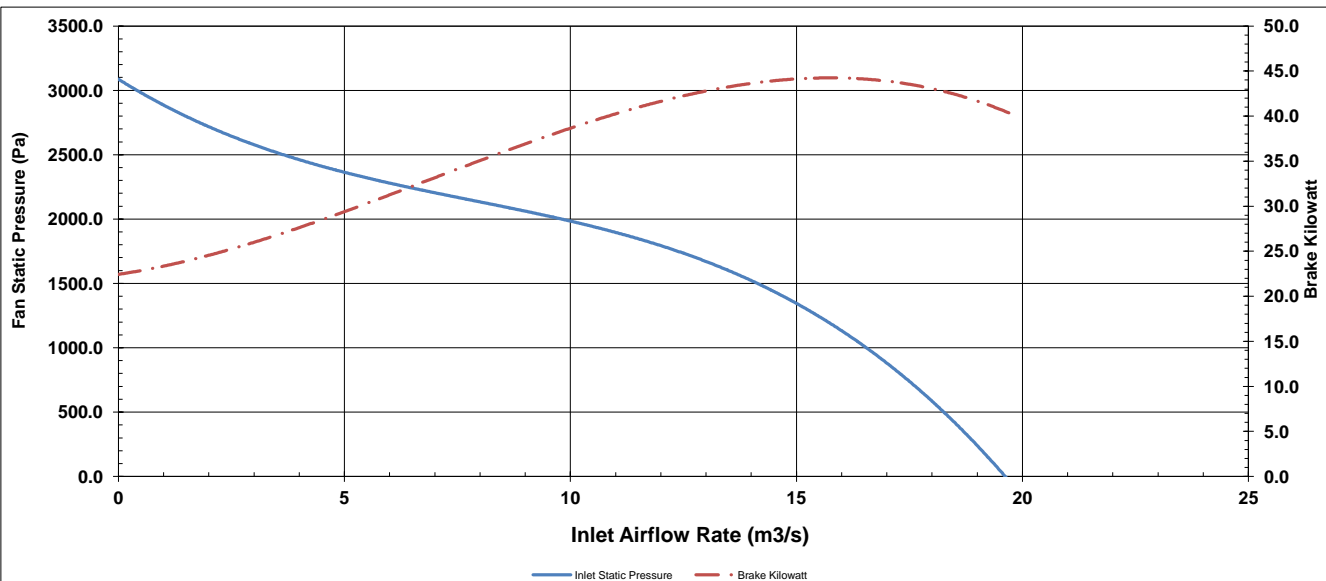
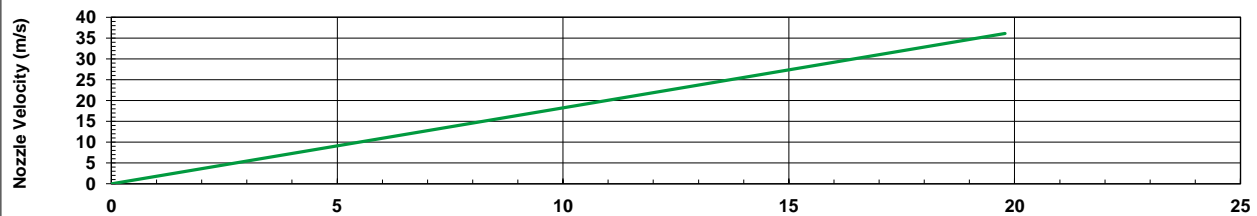
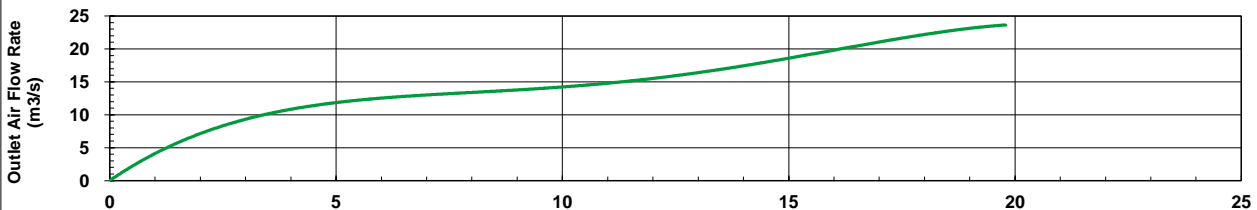
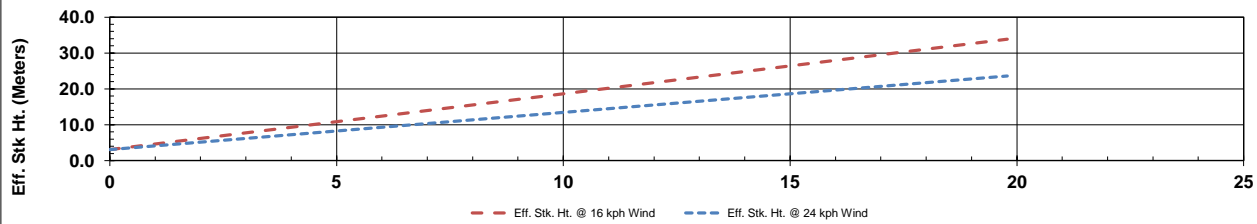
Model #: Tri-Stack™ Series M M48D60S450M4

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 1.27 M<sup>2</sup>

Speed: 1480 rpm

Outlet Area: 5.90 M<sup>2</sup>



Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (Pa)	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	
1480	373.63	94	97	93	90	89	86	93	83	102
1480	747.27	94	97	92	89	89	86	90	82	101
1480	1369.99	94	95	91	87	88	83	83	79	99
1480	1743.62	98	94	90	87	88	81	81	78	100

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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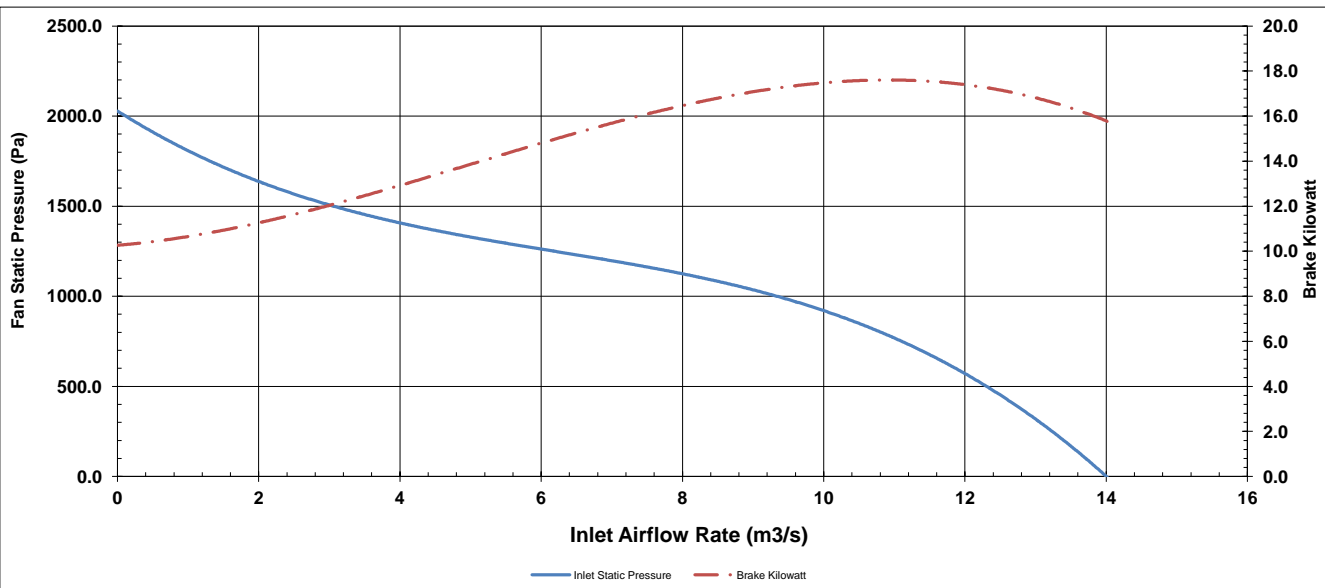
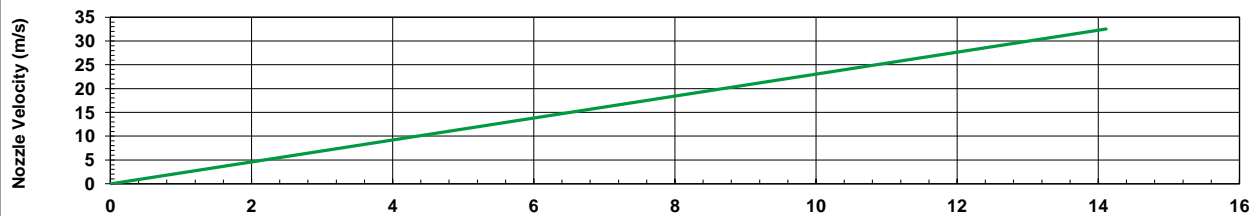
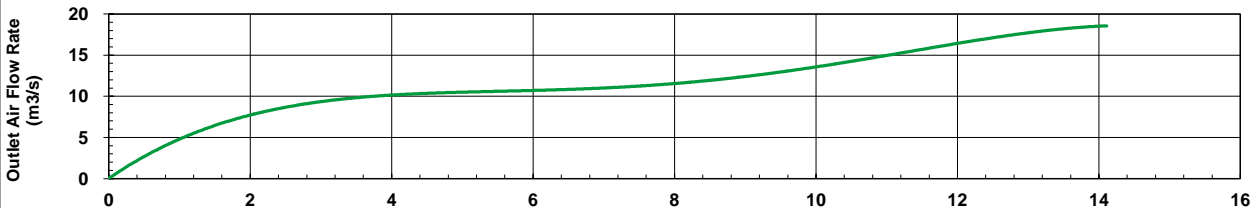
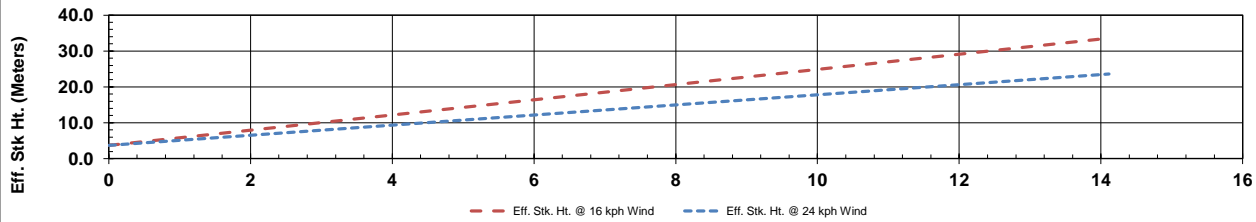
Model #: Tri-Stack™ Series M M54A50N185M6

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 1.48 M<sup>2</sup>

Speed: 985 rpm

Outlet Area: 4.67 M<sup>2</sup>



Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (Pa)	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	
985	249.09	89	100	96	95	95	92	94	82	104
985	498.18	88	99	95	94	94	91	91	80	103
985	747.27	90	98	95	94	93	90	88	79	102
985	1120.90	96	98	96	95	94	90	84	78	103

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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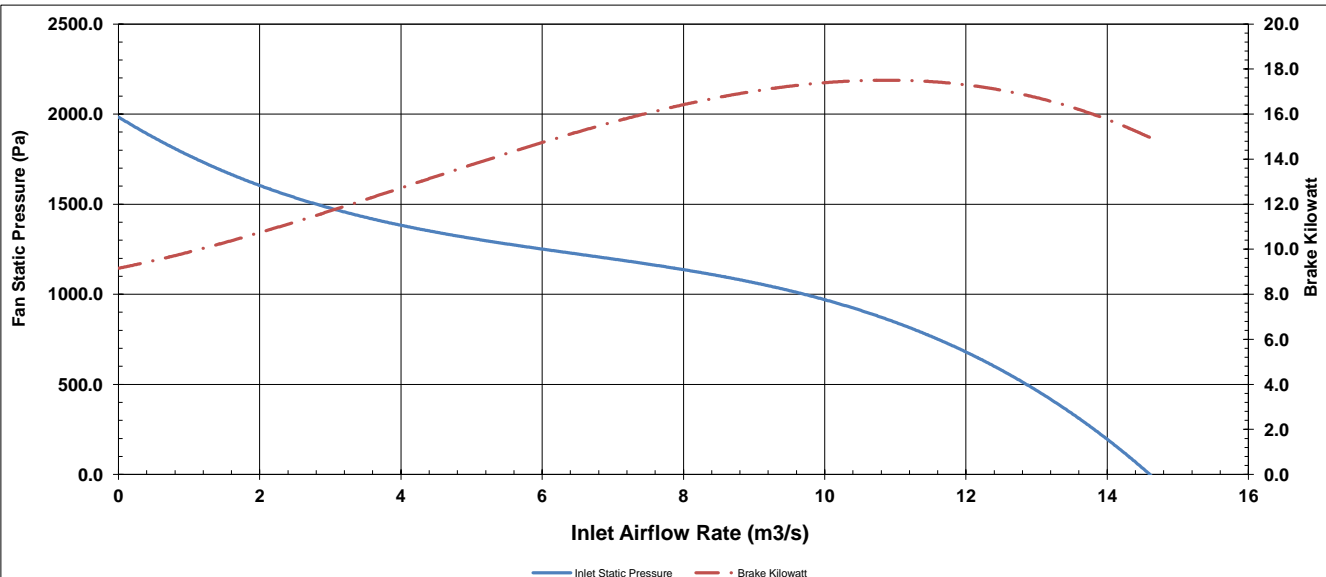
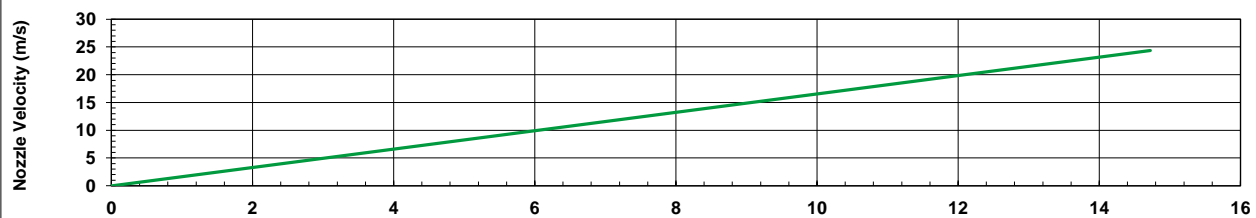
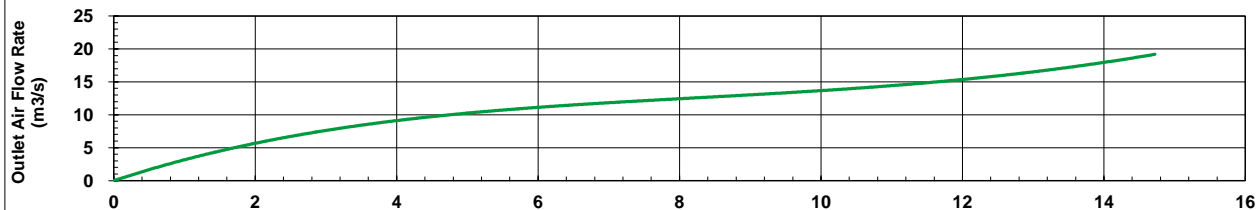
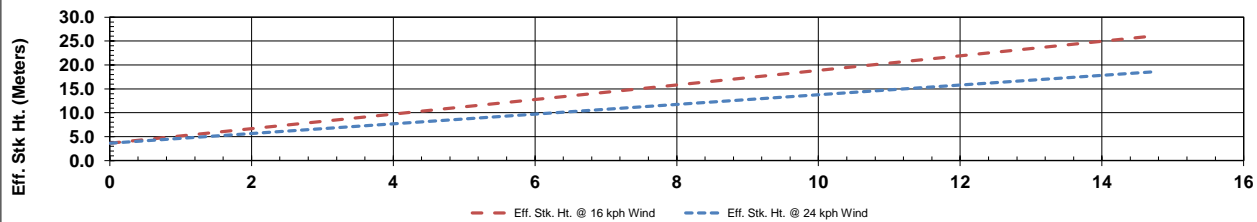
Model #: Tri-Stack™ Series M M54A60N185M6

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 1.48 M<sup>2</sup>

Speed: 985 rpm

Outlet Area: 6.51 M<sup>2</sup>



Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (Pa)	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	
985	249.09	89	101	96	95	95	92	95	84	104
985	498.18	88	100	95	94	94	91	92	82	104
985	747.27	89	98	94	94	93	90	89	80	102
985	1120.90	96	98	95	95	94	90	84	78	103

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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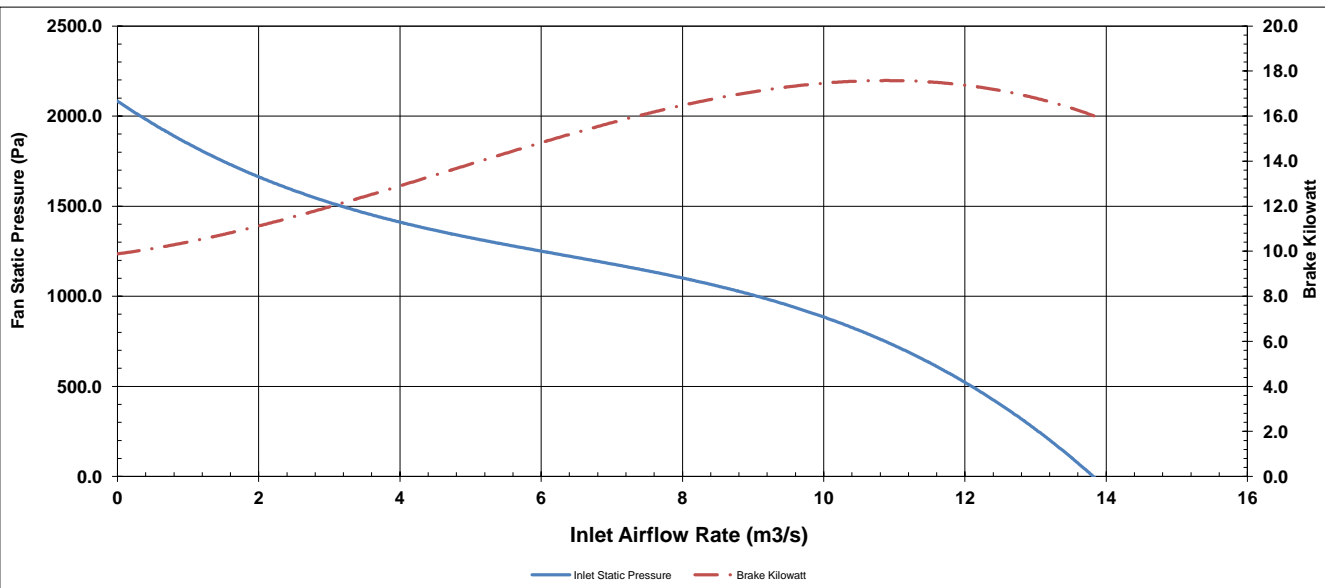
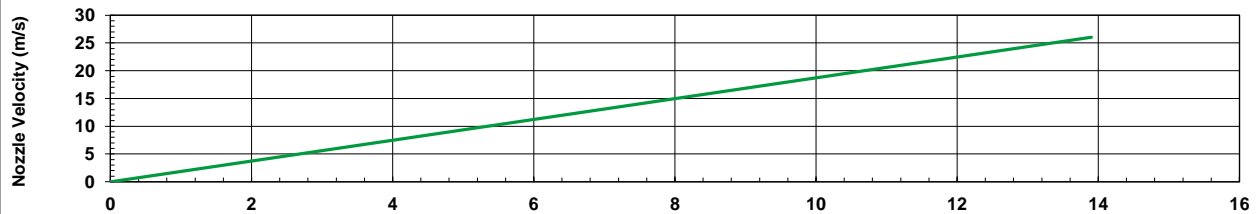
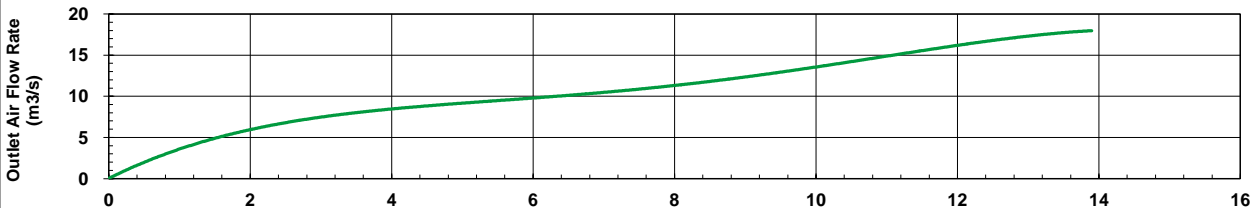
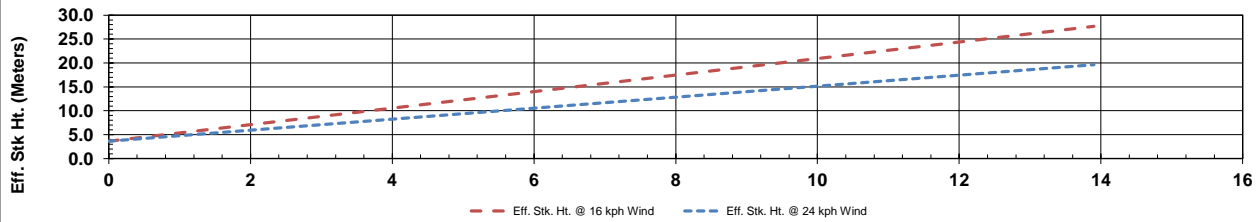
Model #: Tri-Stack™ Series M M54A60S185M6

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 1.54 M<sup>2</sup>

Speed: 985 rpm

Outlet Area: 5.74 M<sup>2</sup>



Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (Pa)	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	
985	249.09	88	90	85	81	79	77	80	76	93
985	498.18	87	88	83	80	78	76	78	74	92
985	747.27	87	87	83	80	77	75	75	72	92
985	1120.90	95	90	84	81	78	75	73	70	97

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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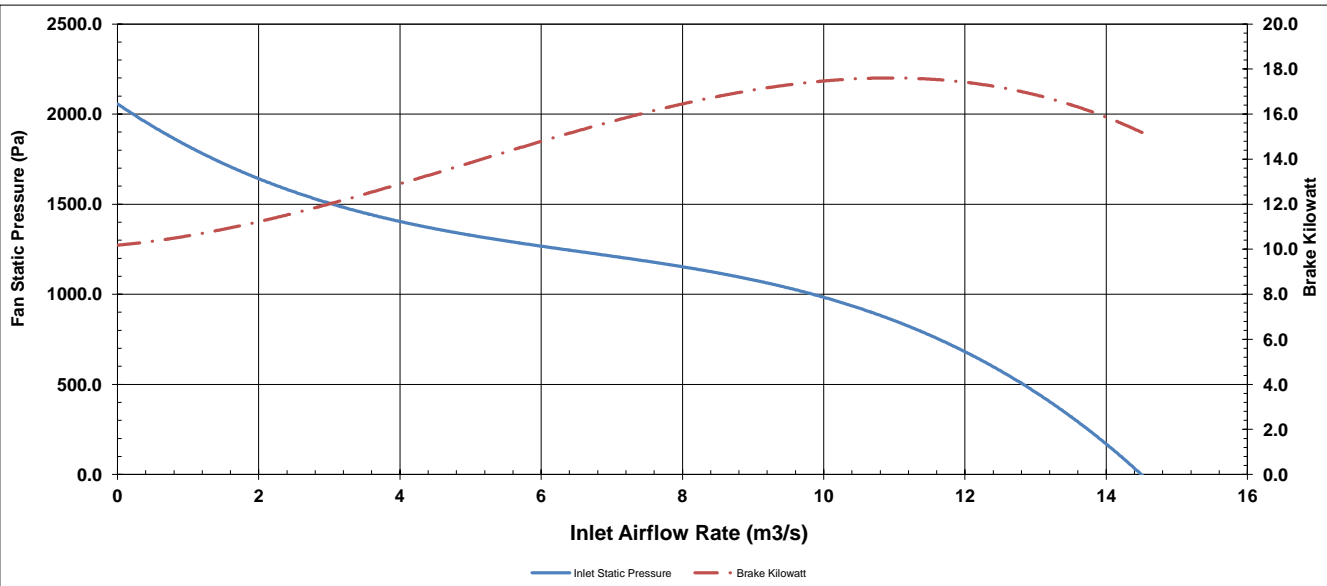
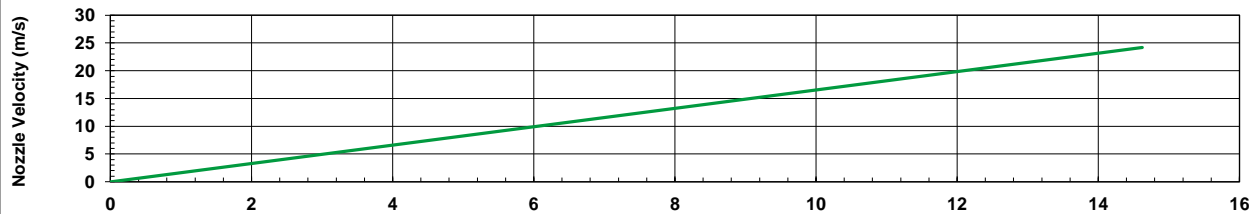
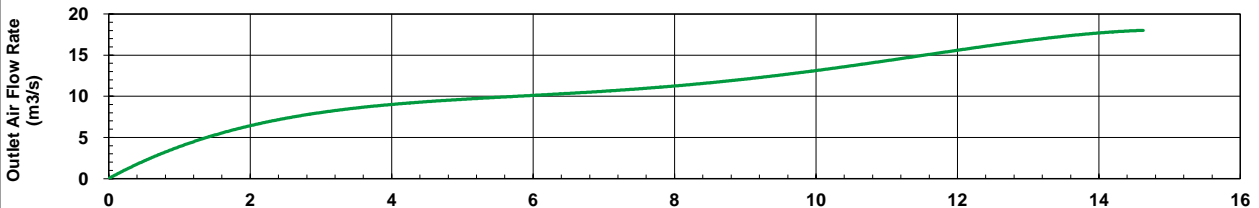
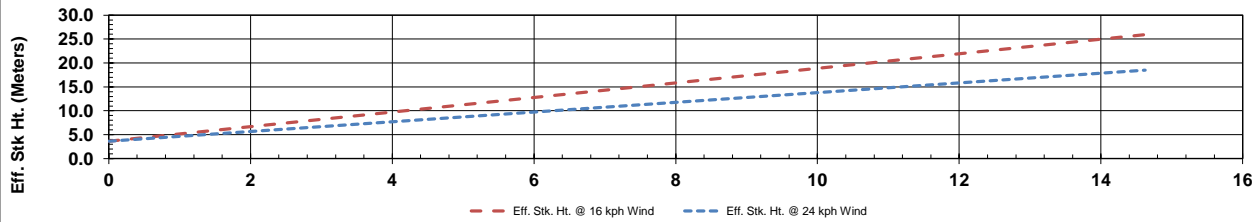
Model #: Tri-Stack™ Series M M54A65S185M6

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 1.54 M<sup>2</sup>

Speed: 985 rpm

Outlet Area: 6.51 M<sup>2</sup>



Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (Pa)	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	
985	249.09	87	93	87	82	79	77	80	74	96
985	498.18	84	91	85	80	77	75	78	72	93
985	747.27	85	88	83	79	77	75	75	71	91
985	1120.90	91	88	83	81	77	75	72	70	94

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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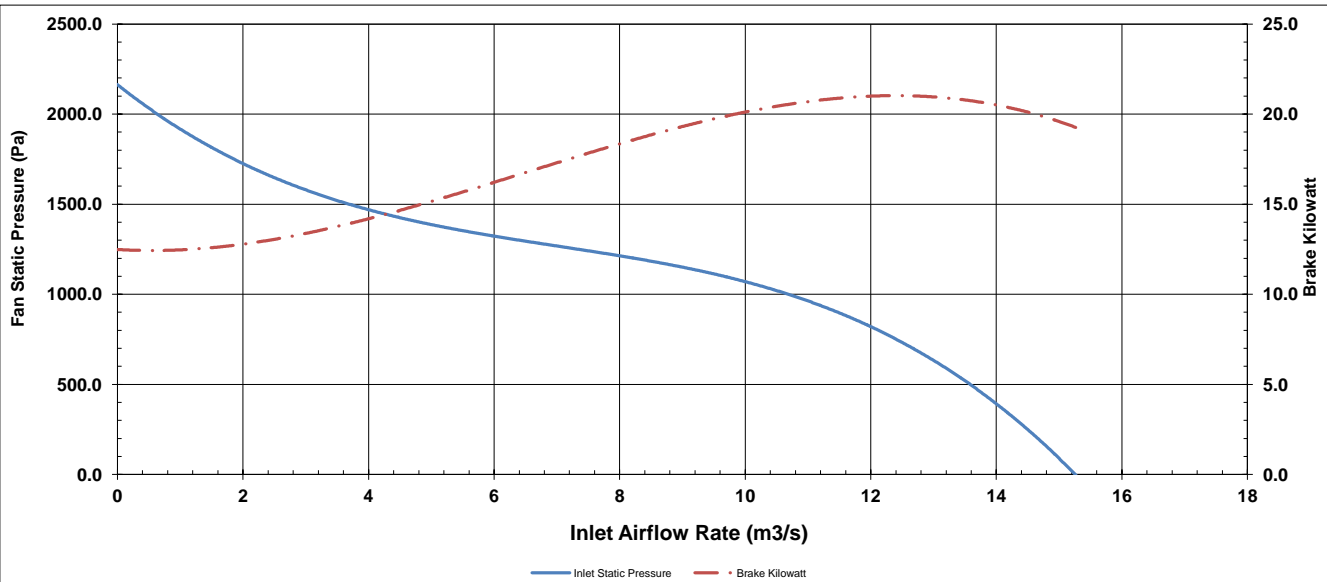
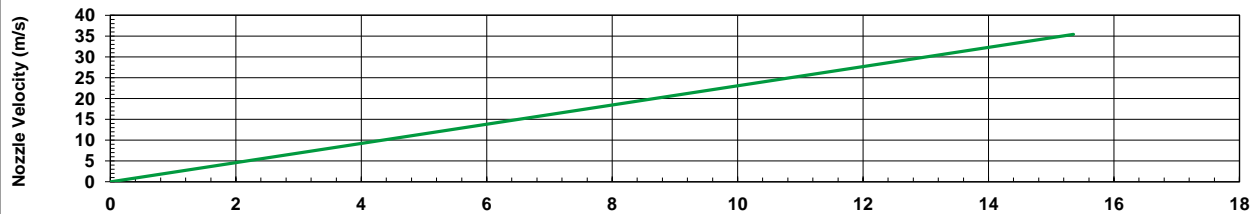
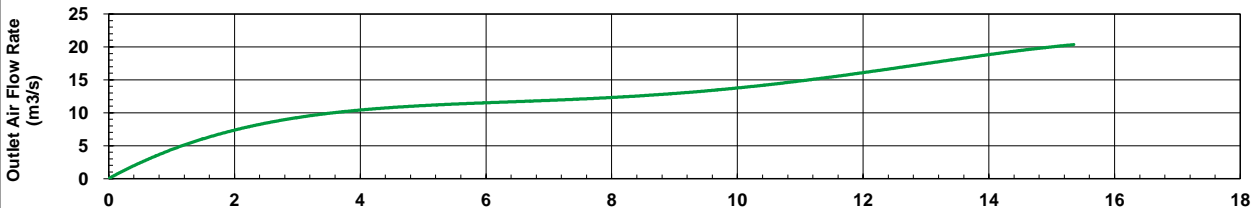
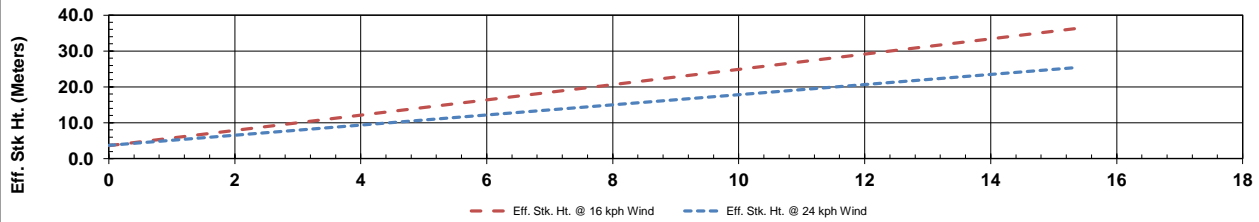
Model #: Tri-Stack™ Series M M54B50N220M6

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 1.48 M<sup>2</sup>

Speed: 980 rpm

Outlet Area: 4.67 M<sup>2</sup>



Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (Pa)	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	
980	249.09	91	100	97	96	95	93	97	90	105
980	498.18	89	99	96	95	95	92	97	88	104
980	747.27	90	99	95	95	95	92	96	86	104
980	1120.90	96	99	96	96	95	91	89	80	104

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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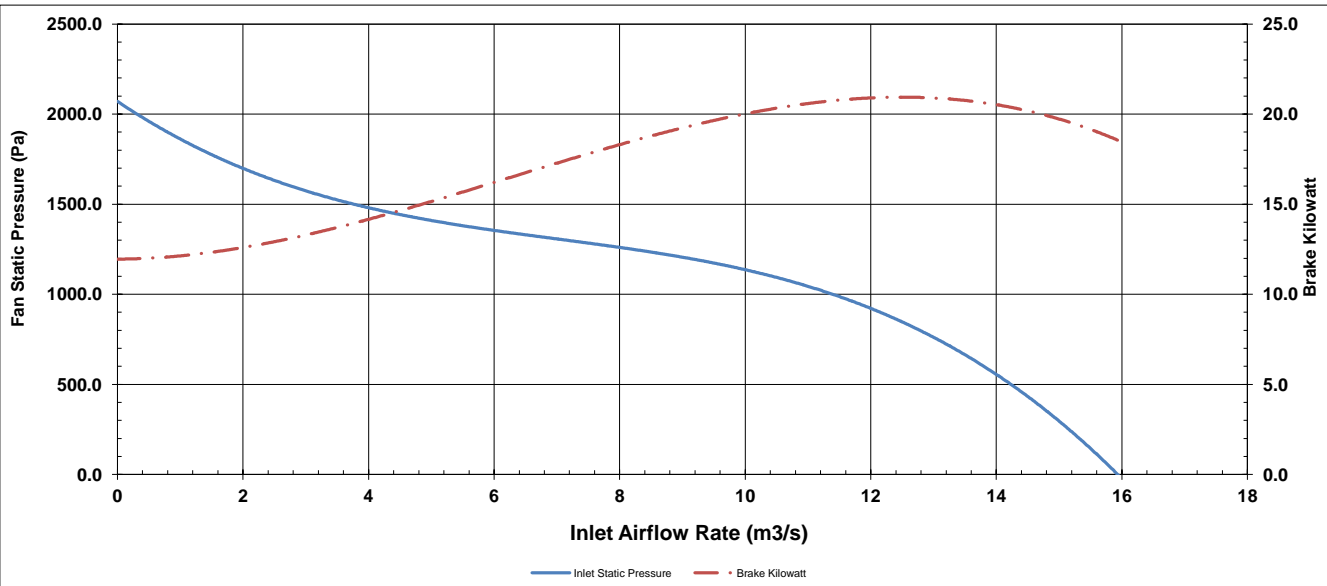
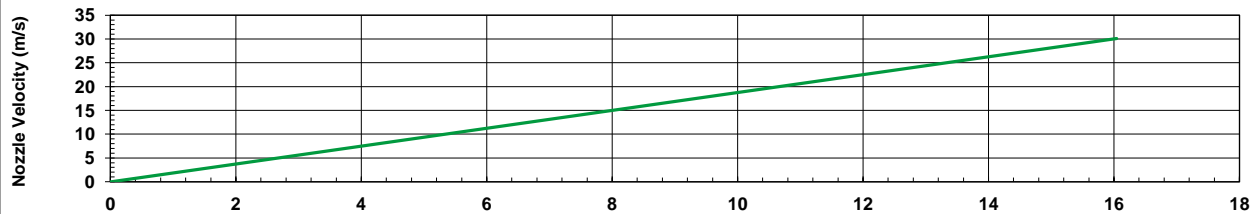
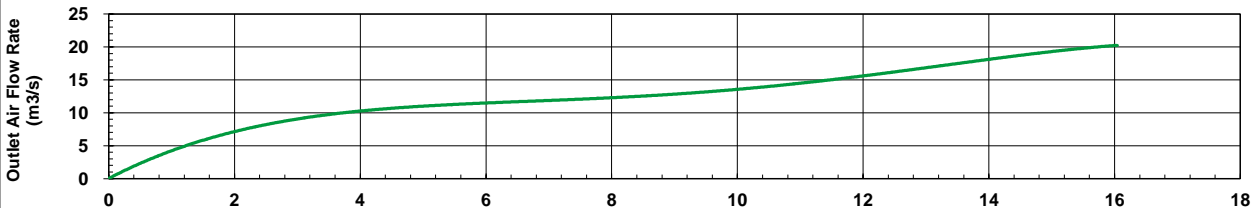
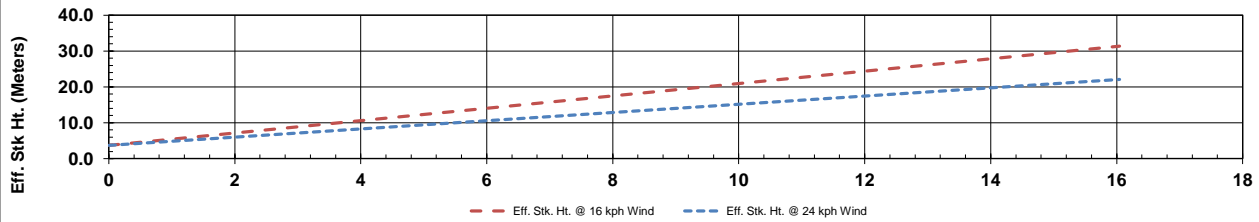
Model #: Tri-Stack™ Series M M54B60N220M6

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 1.48 M<sup>2</sup>

Speed: 980 rpm

Outlet Area: 5.74 M<sup>2</sup>



Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (Pa)	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	
980	249.09	91	99	97	96	96	93	97	90	105
980	498.18	92	98	96	96	95	93	97	89	104
980	747.27	92	97	95	95	95	92	96	86	103
980	1120.90	96	98	95	95	95	91	91	80	104

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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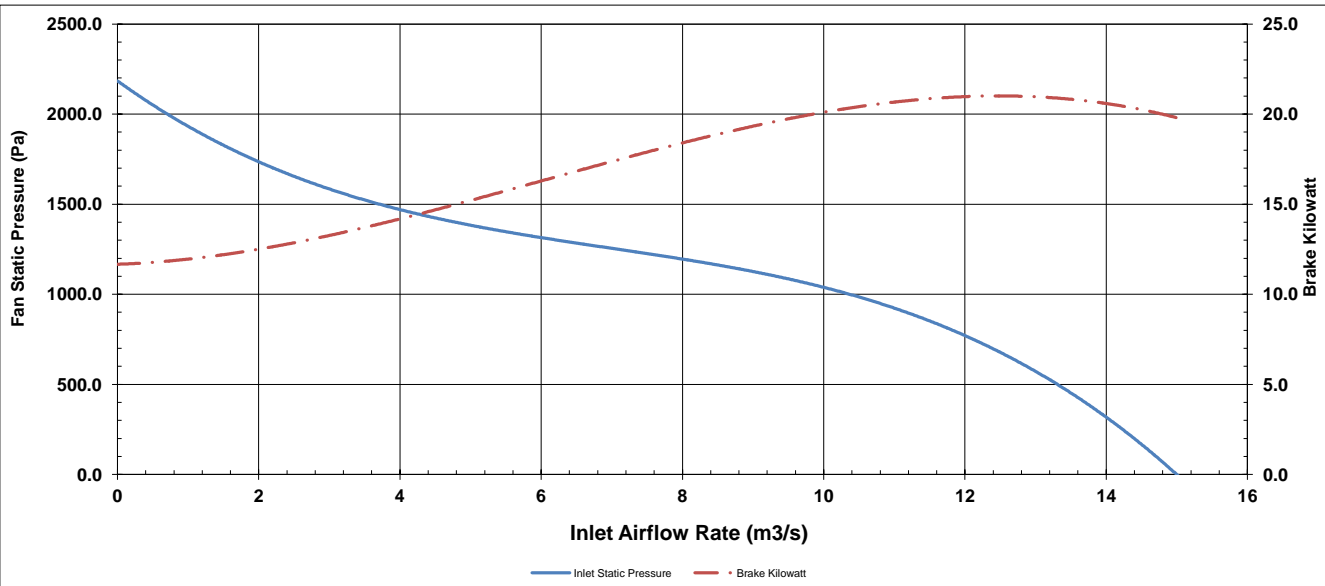
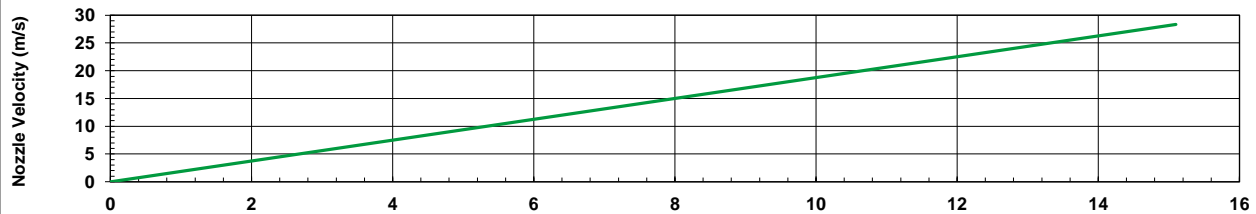
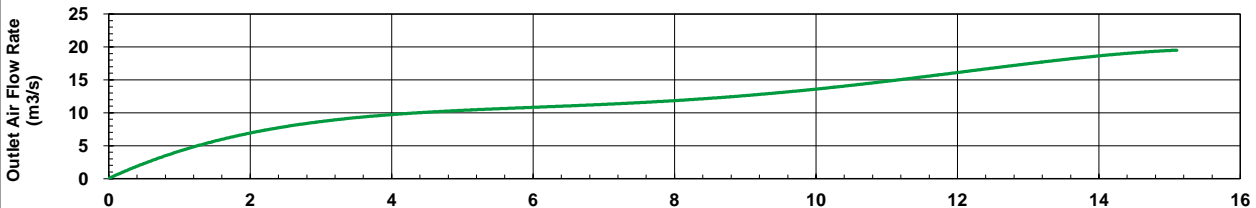
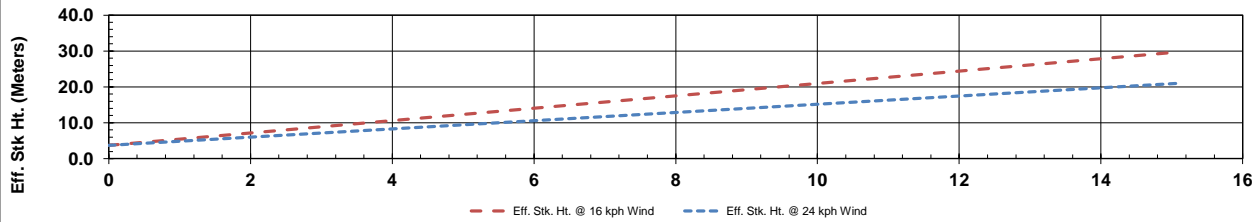
Model #: Tri-Stack™ Series M M54B60S220M6

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 1.54 M<sup>2</sup>

Speed: 980 rpm

Outlet Area: 5.74 M<sup>2</sup>



Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (Pa)	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	
980	249.09	90	92	87	83	80	78	83	79	95
980	498.18	90	90	86	82	79	77	83	77	95
980	747.27	90	89	85	82	78	76	82	75	94
980	1120.90	94	91	86	82	77	75	75	72	97

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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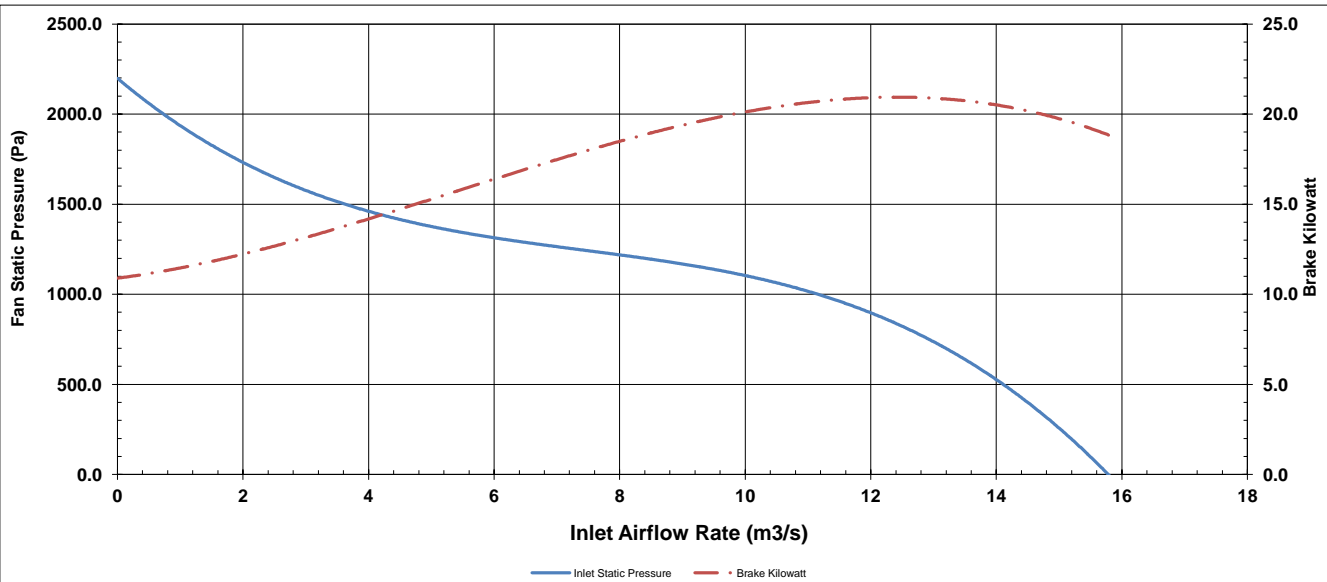
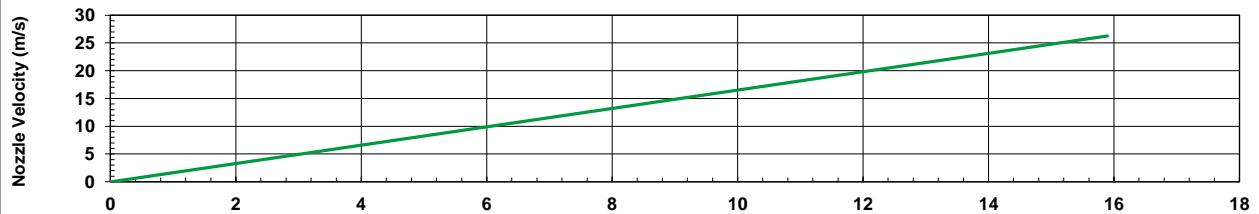
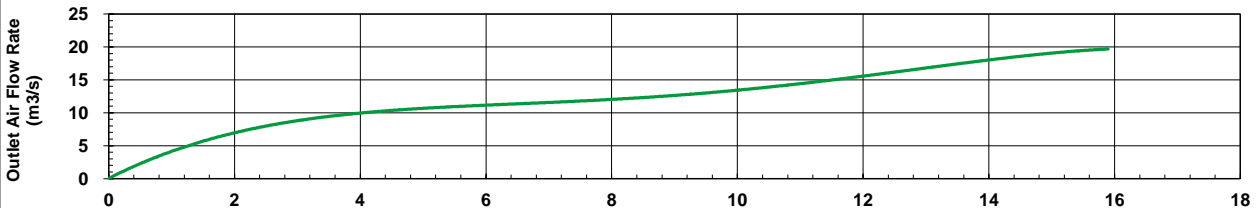
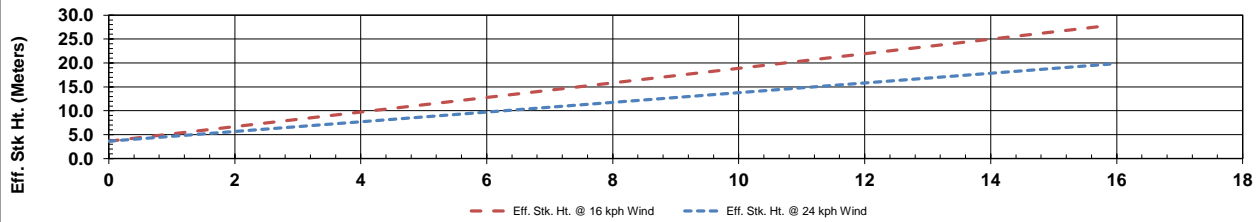
Model #: Tri-Stack™ Series M M54B65S220M6

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 1.54 M<sup>2</sup>

Speed: 980 rpm

Outlet Area: 6.51 M<sup>2</sup>



Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (Pa)	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	
980	249.09	88	92	88	84	80	79	83	78	96
980	498.18	87	90	86	82	79	78	83	77	94
980	747.27	87	90	85	81	78	77	82	75	94
980	1120.90	91	89	85	82	79	78	77	72	95

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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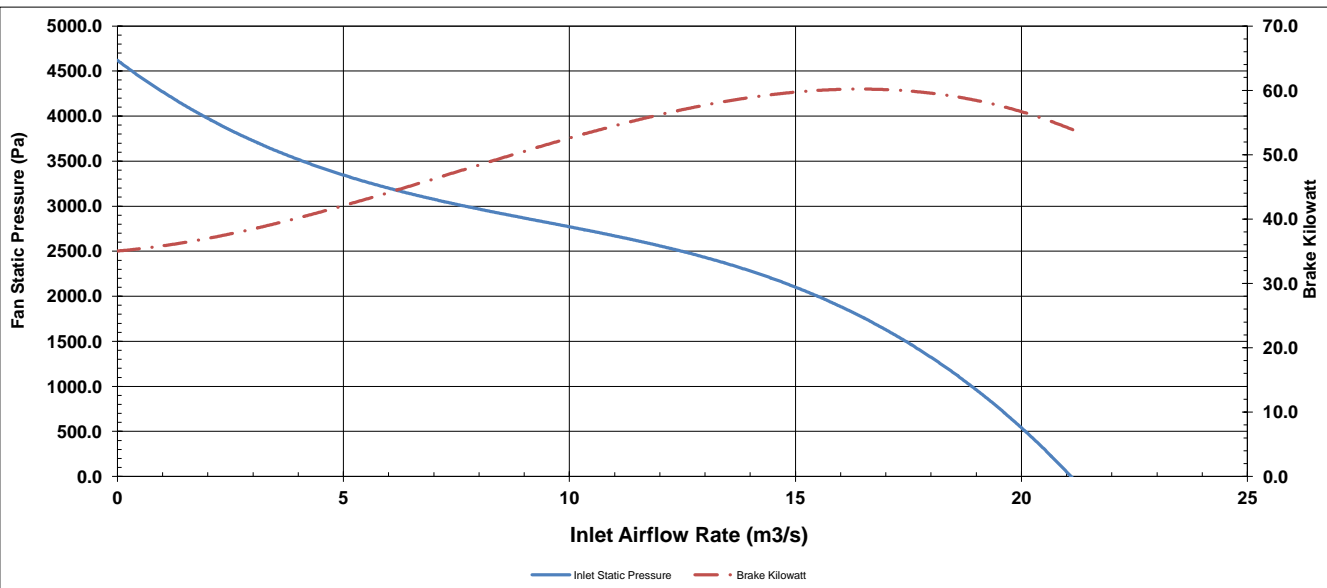
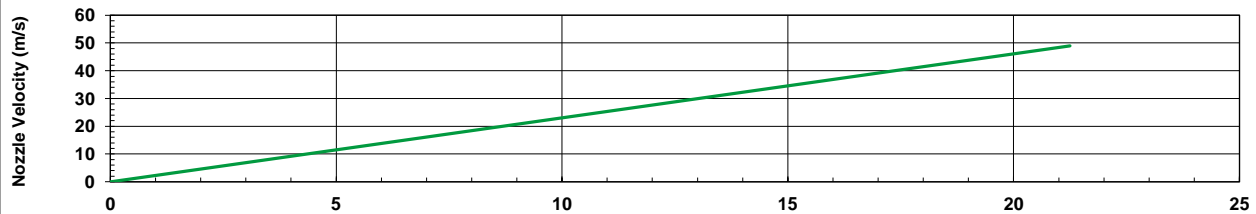
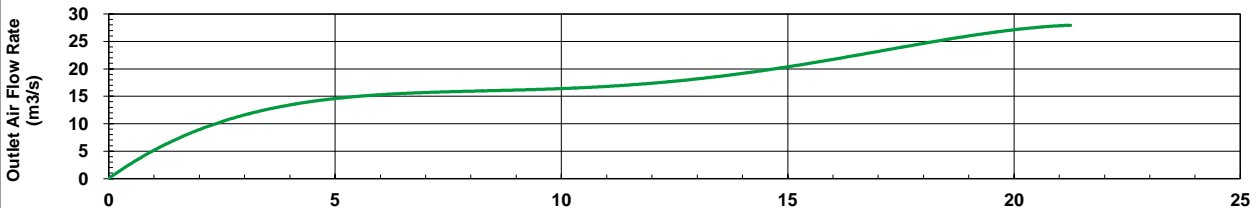
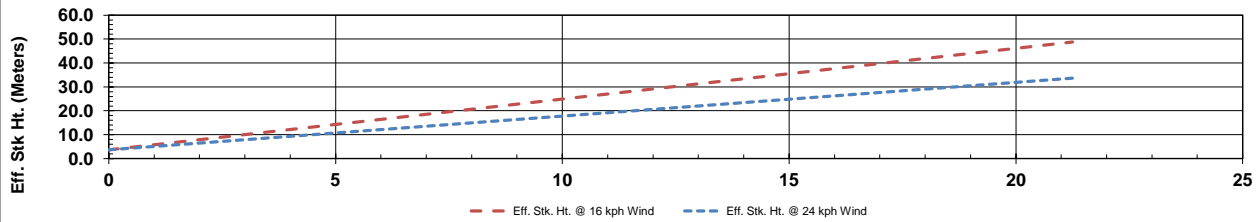
Model #: Tri-Stack™ Series M M54A50N750M4

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 1.48 M<sup>2</sup>

Speed: 1484 rpm

Outlet Area: 4.67 M<sup>2</sup>



Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (Pa)	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	
1484	560.45	98	109	105	104	103	101	103	91	113
1484	1183.17	97	108	104	103	103	100	100	89	112
1484	1743.62	99	107	104	103	102	99	96	88	111
1484	2553.16	105	107	105	104	103	99	93	87	112

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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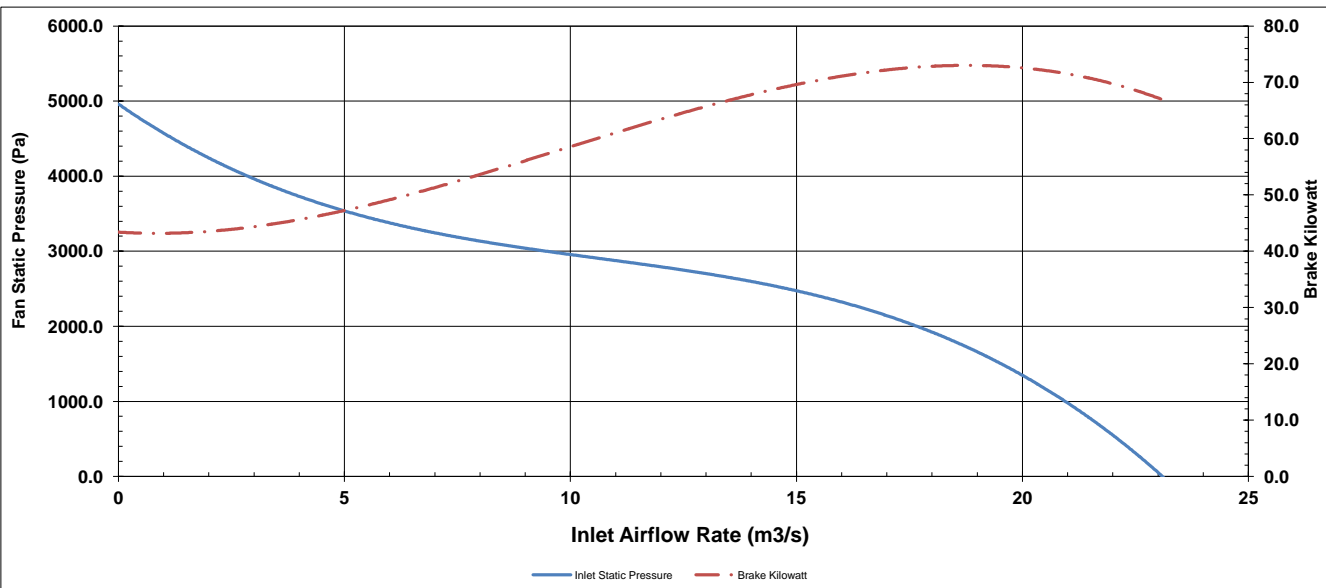
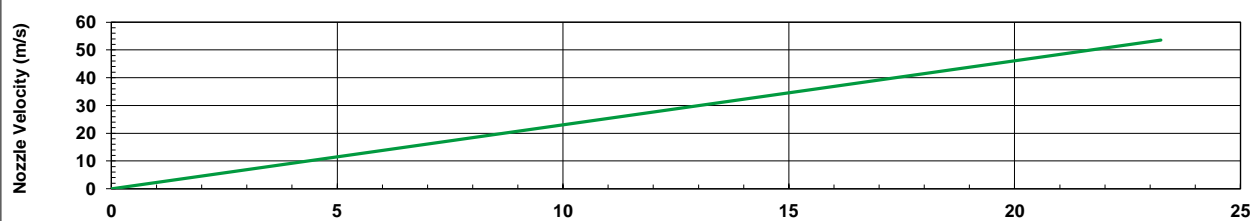
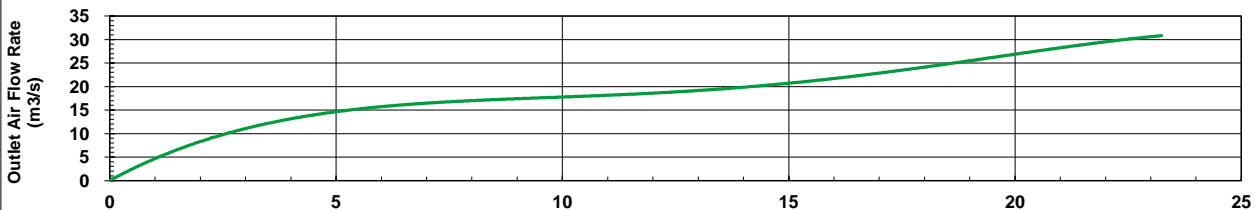
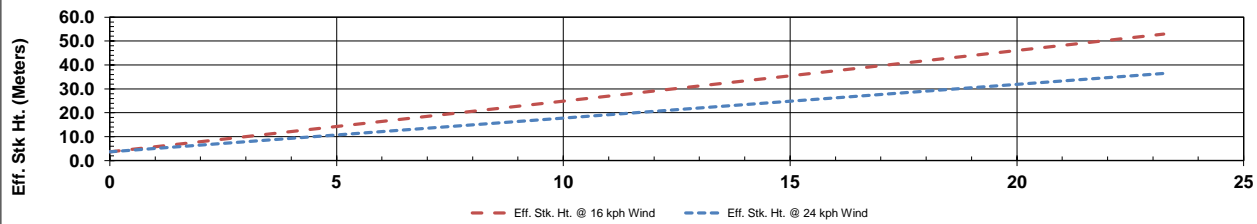
Model #: Tri-Stack™ Series M M54B50N750M4

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 1.48 M<sup>2</sup>

Speed: 1484 rpm

Outlet Area: 4.67 M<sup>2</sup>



Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (Pa)	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	
1484	560.45	100	109	106	105	104	102	106	99	114
1484	1183.17	98	108	105	104	104	101	106	97	113
1484	1743.62	99	108	105	104	104	101	105	95	113
1484	2553.16	105	108	105	105	104	100	98	89	113

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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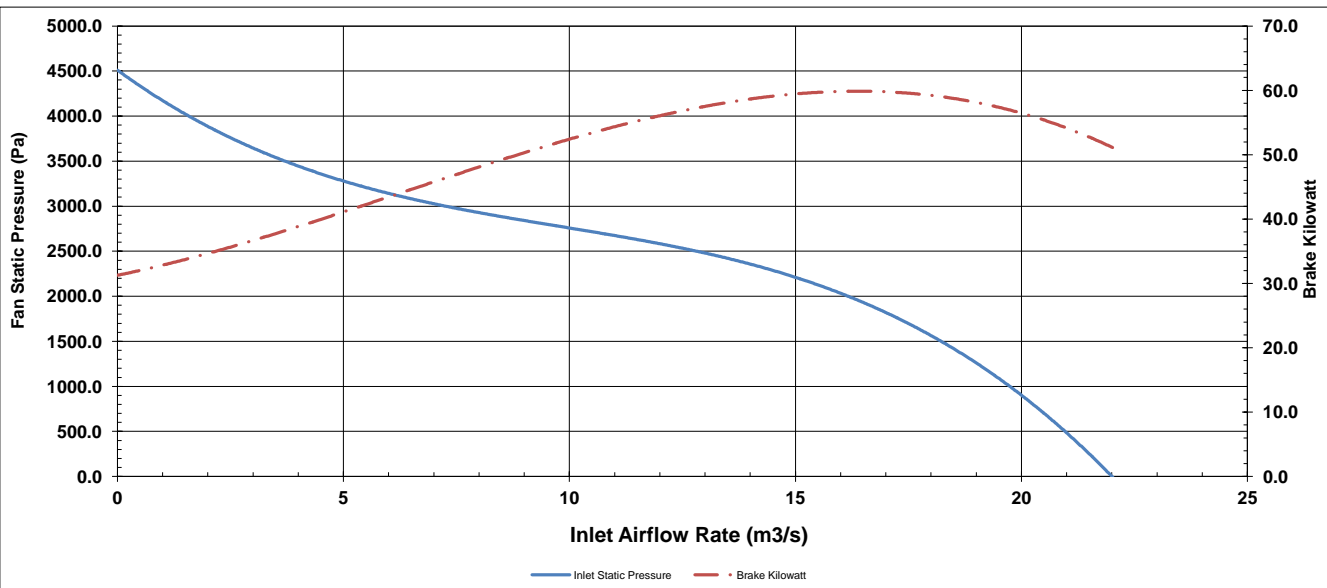
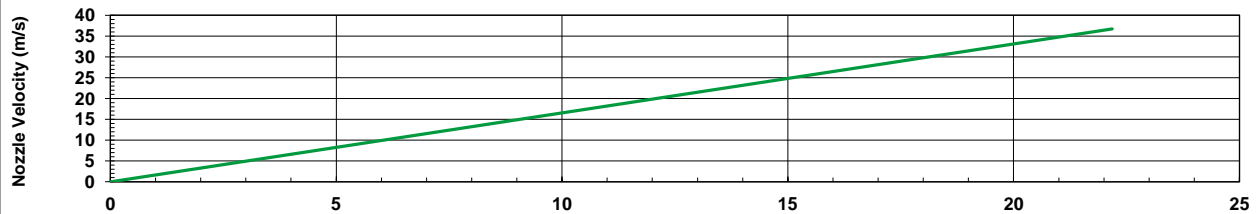
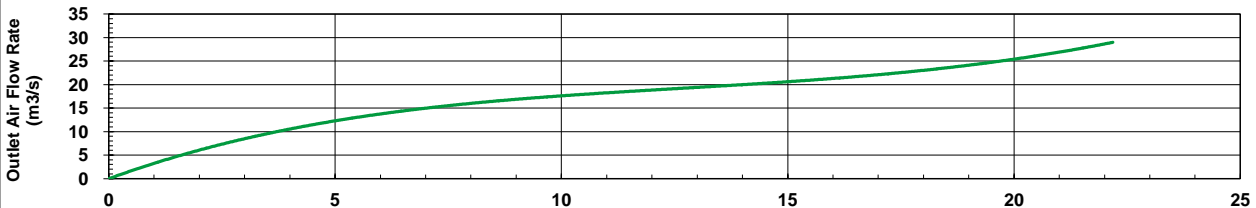
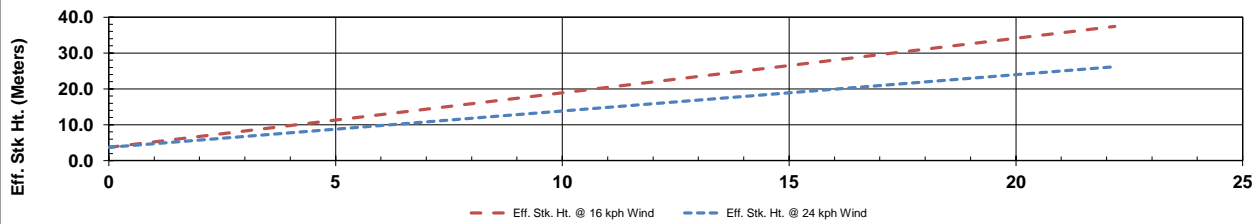
Model #: Tri-Stack™ Series M M54A60N750M4

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 1.48 M<sup>2</sup>

Speed: 1484 rpm

Outlet Area: 6.51 M<sup>2</sup>



Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (Pa)	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	
1484	560.45	98	109	105	104	103	101	104	92	113
1484	1183.17	97	109	104	103	103	100	101	90	112
1484	1743.62	98	107	103	103	102	99	98	89	111
1484	2553.16	105	107	104	104	103	99	93	87	112

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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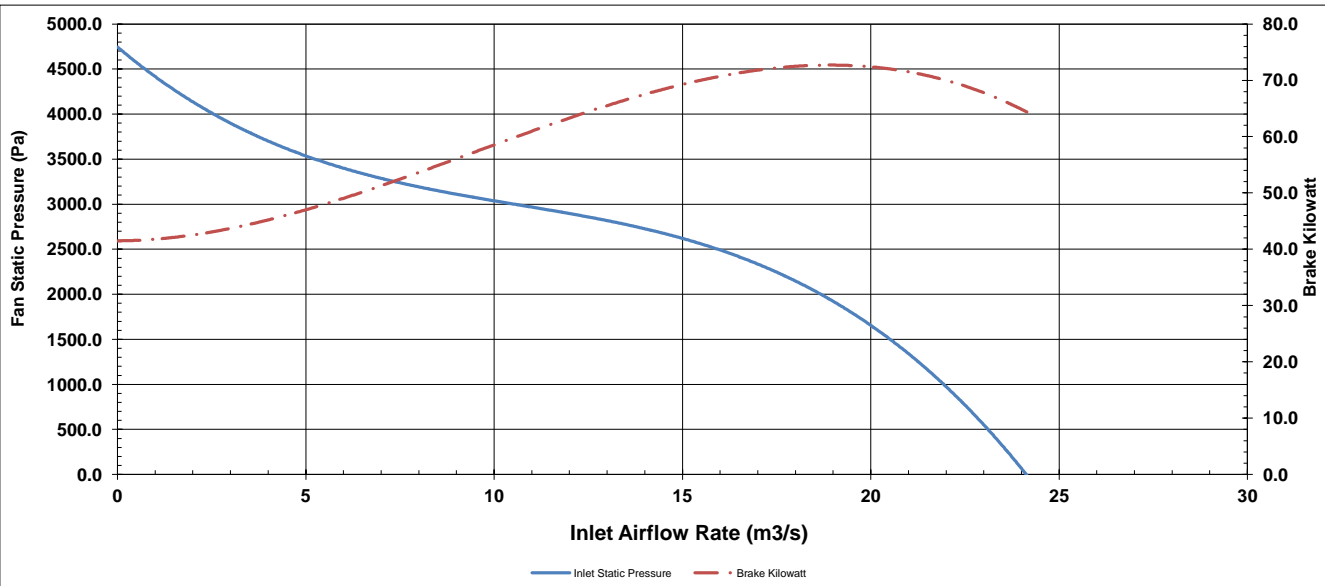
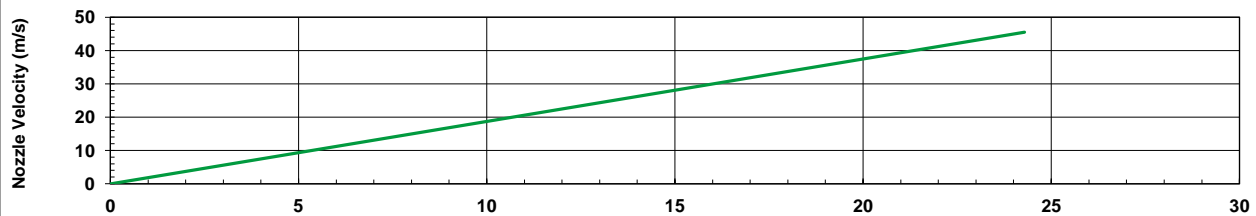
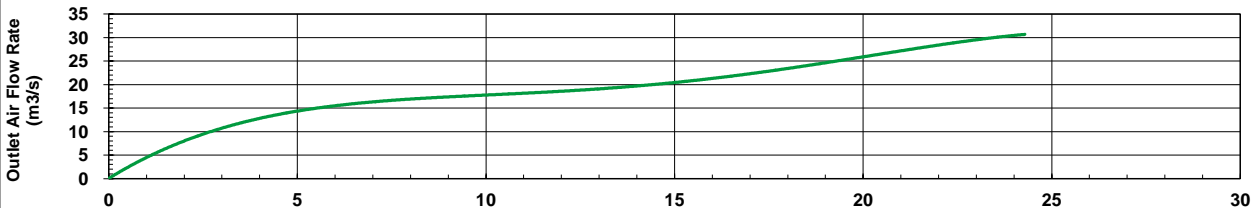
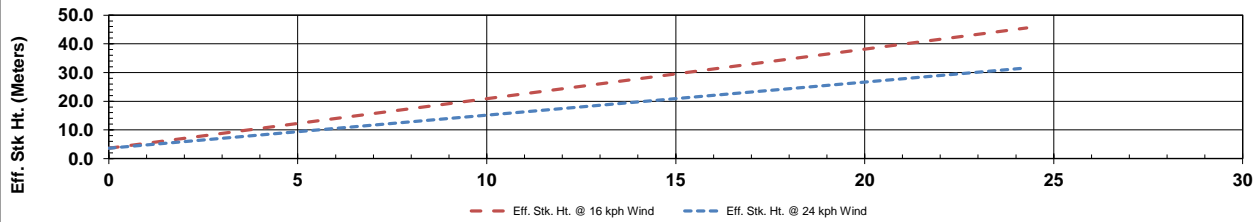
Model #: Tri-Stack™ Series M M54B60N750M4

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 1.48 M<sup>2</sup>

Speed: 1484 rpm

Outlet Area: 5.74 M<sup>2</sup>



Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (Pa)	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	
1484	560.45	100	108	106	105	105	102	106	99	114
1484	1183.17	101	107	105	105	104	102	106	98	113
1484	1743.62	101	106	104	104	104	101	105	95	112
1484	2553.16	105	107	104	104	104	100	100	89	113

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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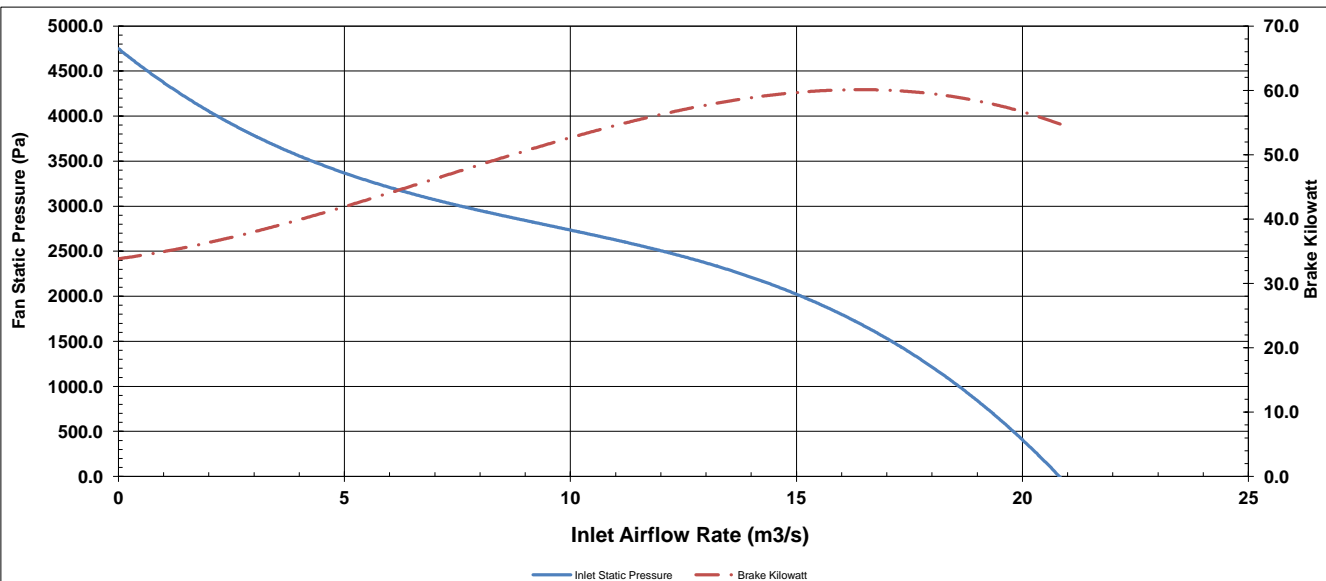
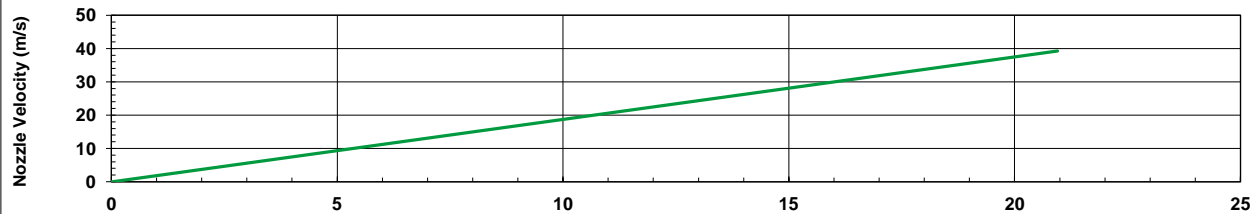
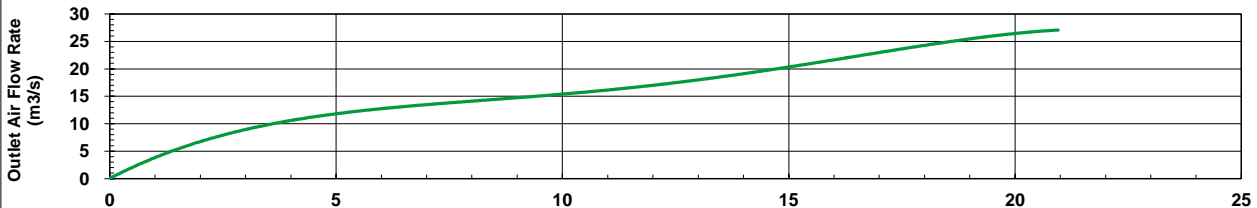
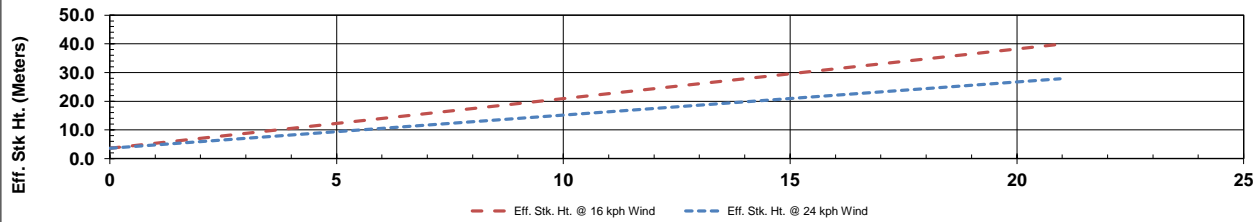
Model #: Tri-Stack™ Series M M54A60S750M4

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 1.54 M<sup>2</sup>

Speed: 1484 rpm

Outlet Area: 5.74 M<sup>2</sup>



Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (Pa)	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	
1484	560.45	97	99	94	90	88	86	89	84	102
1484	1183.17	96	97	92	89	87	85	87	83	101
1484	1743.62	96	96	92	88	86	84	84	81	101
1484	2553.16	104	99	93	89	87	84	82	79	105

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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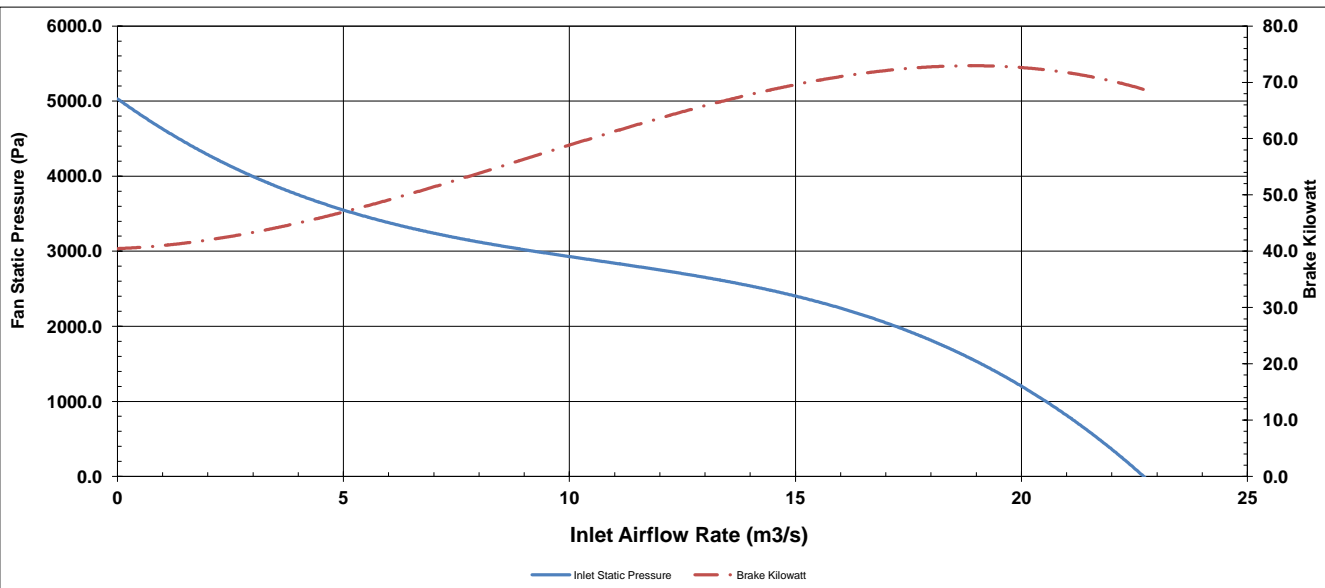
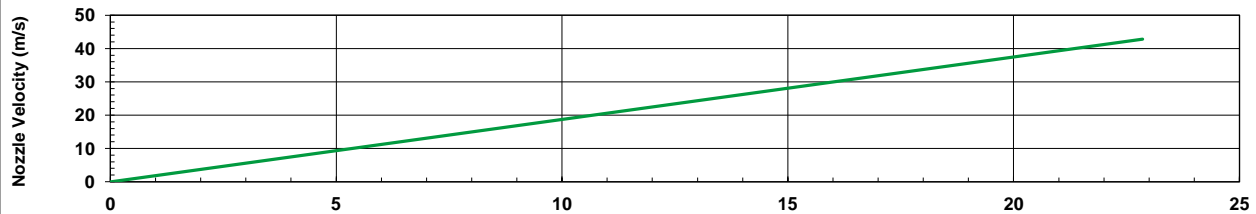
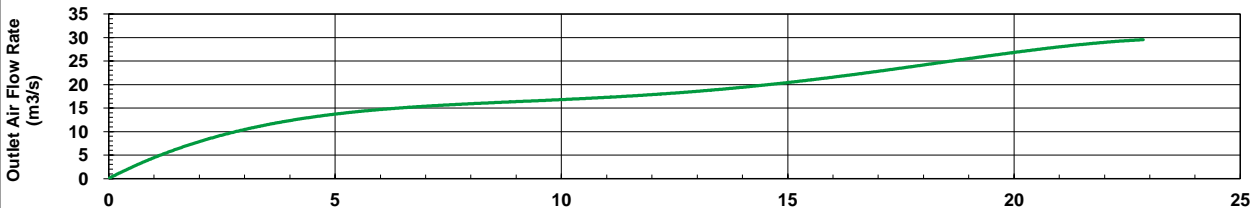
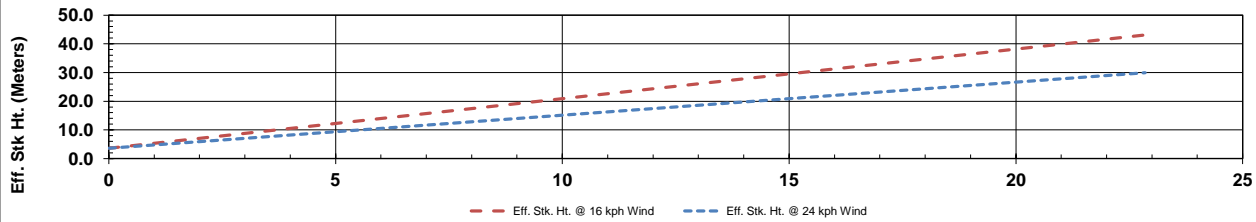
Model #: Tri-Stack™ Series M M54B60S750M4

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 1.54 M<sup>2</sup>

Speed: 1484 rpm

Outlet Area: 5.74 M<sup>2</sup>



Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (Pa)	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	
1484	560.45	99	101	96	92	89	87	92	88	104
1484	1183.17	99	99	95	91	88	86	92	86	104
1484	1743.62	99	98	94	91	87	85	91	84	103
1484	2553.16	103	100	95	91	86	84	84	81	106

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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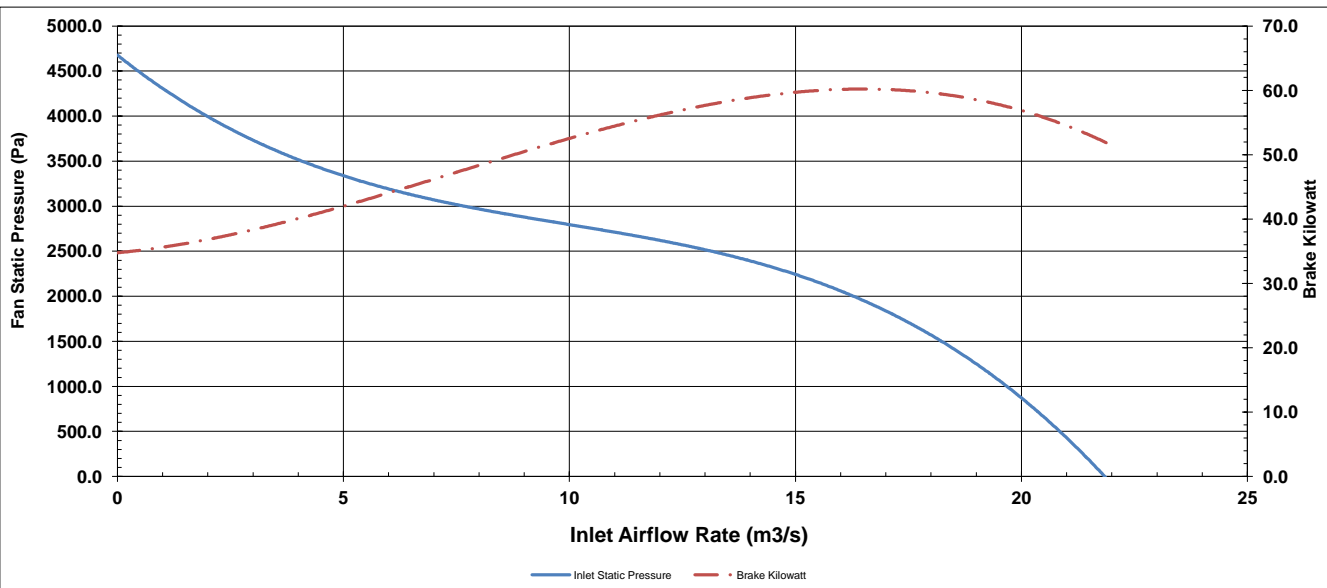
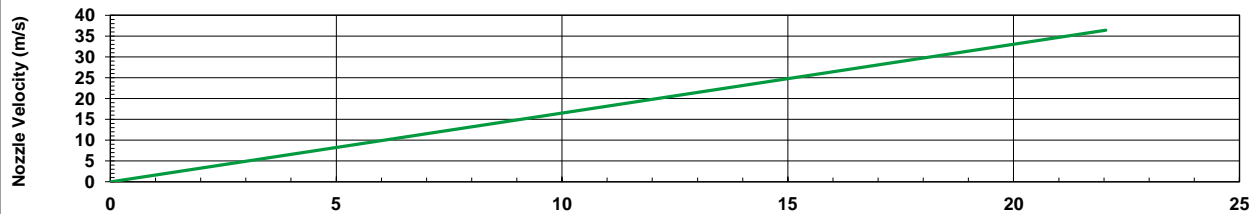
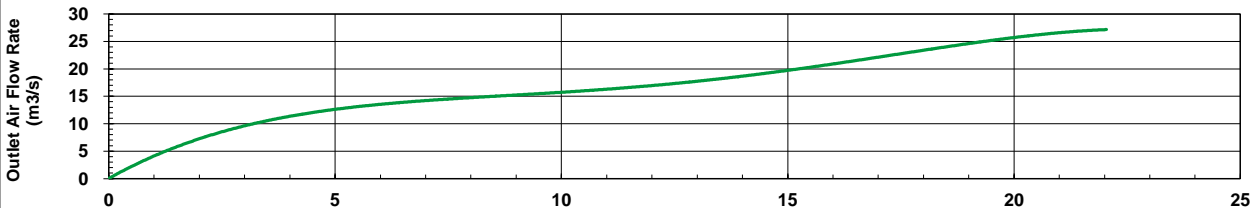
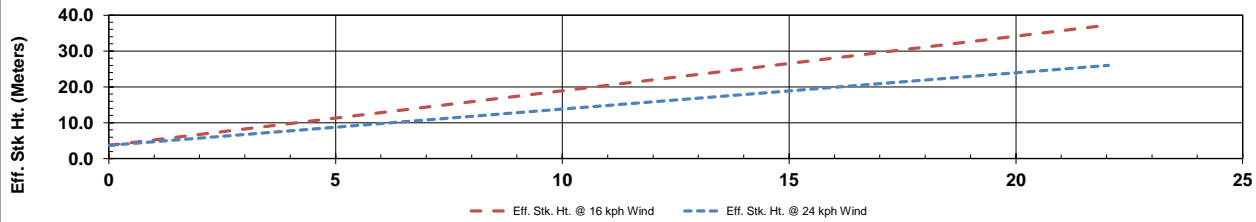
Model #: Tri-Stack™ Series M M54A65S750M4

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 1.54 M<sup>2</sup>

Speed: 1484 rpm

Outlet Area: 6.51 M<sup>2</sup>



Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (Pa)	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	
1484	560.45	95	102	96	91	88	86	89	83	104
1484	1183.17	93	100	94	89	86	84	87	81	102
1484	1743.62	94	97	92	88	86	84	84	80	100
1484	2553.16	100	97	92	90	86	84	81	78	102

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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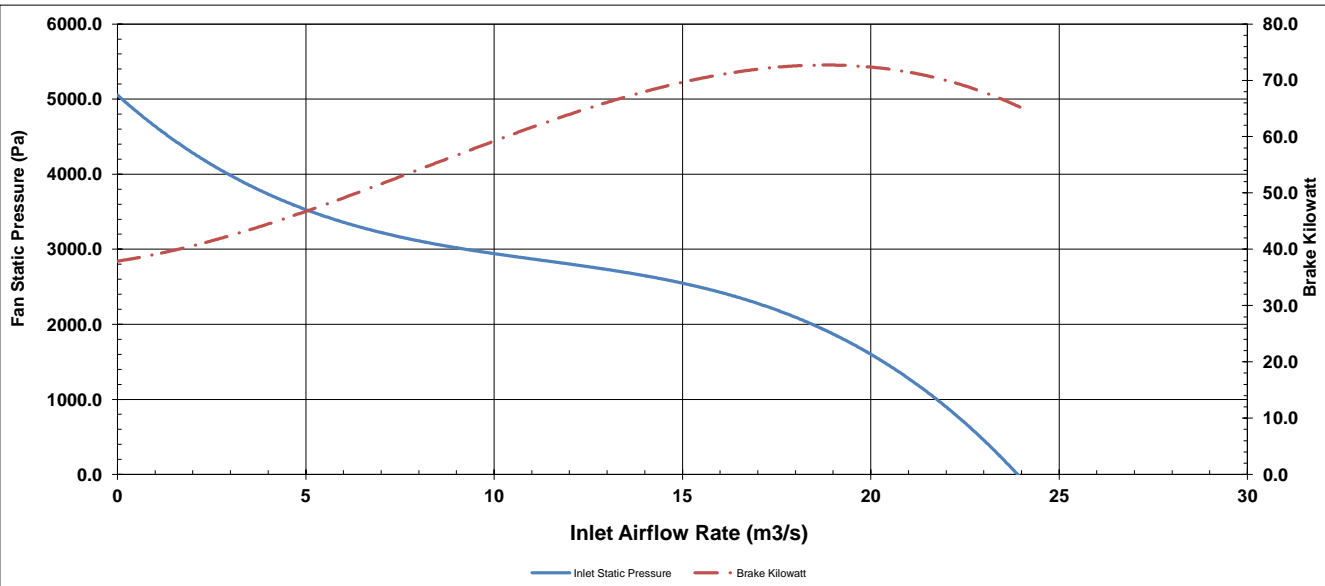
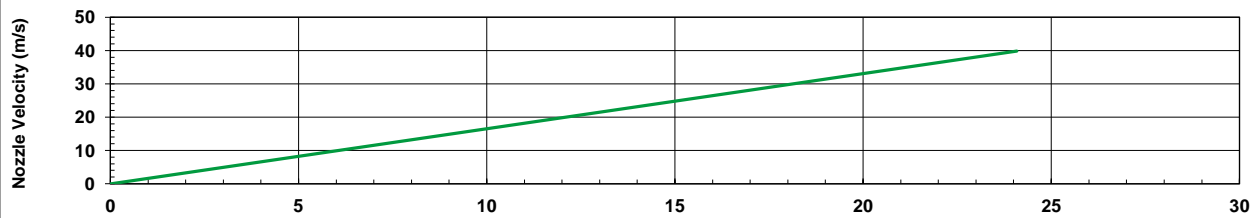
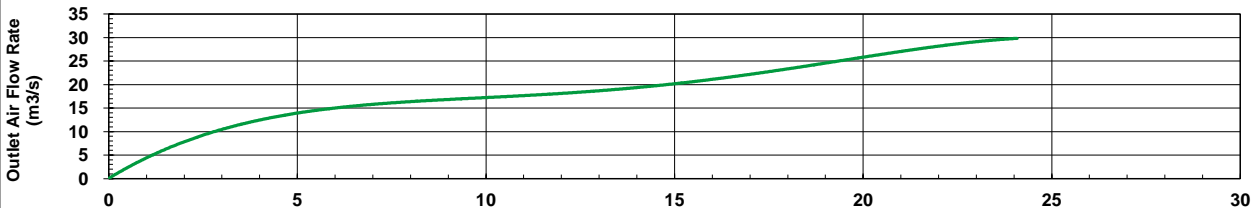
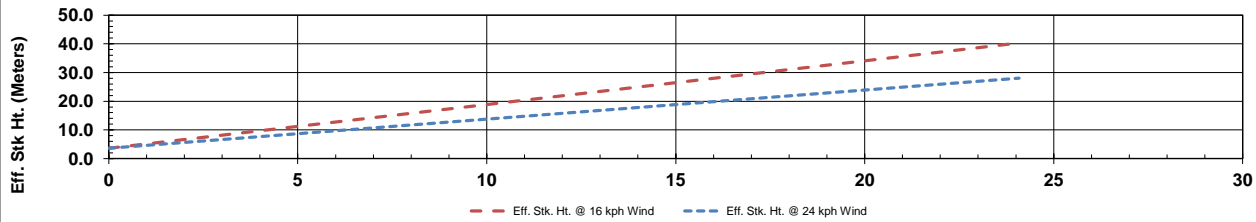
Model #: Tri-Stack™ Series M M54B65S750M4

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 1.54 M<sup>2</sup>

Speed: 1484 rpm

Outlet Area: 6.51 M<sup>2</sup>



Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (Pa)	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	
1484	560.45	97	101	97	93	89	88	92	87	105
1484	1183.17	96	99	95	91	88	87	92	86	103
1484	1743.62	96	99	94	90	87	86	91	84	103
1484	2553.16	100	98	94	91	88	87	86	81	104

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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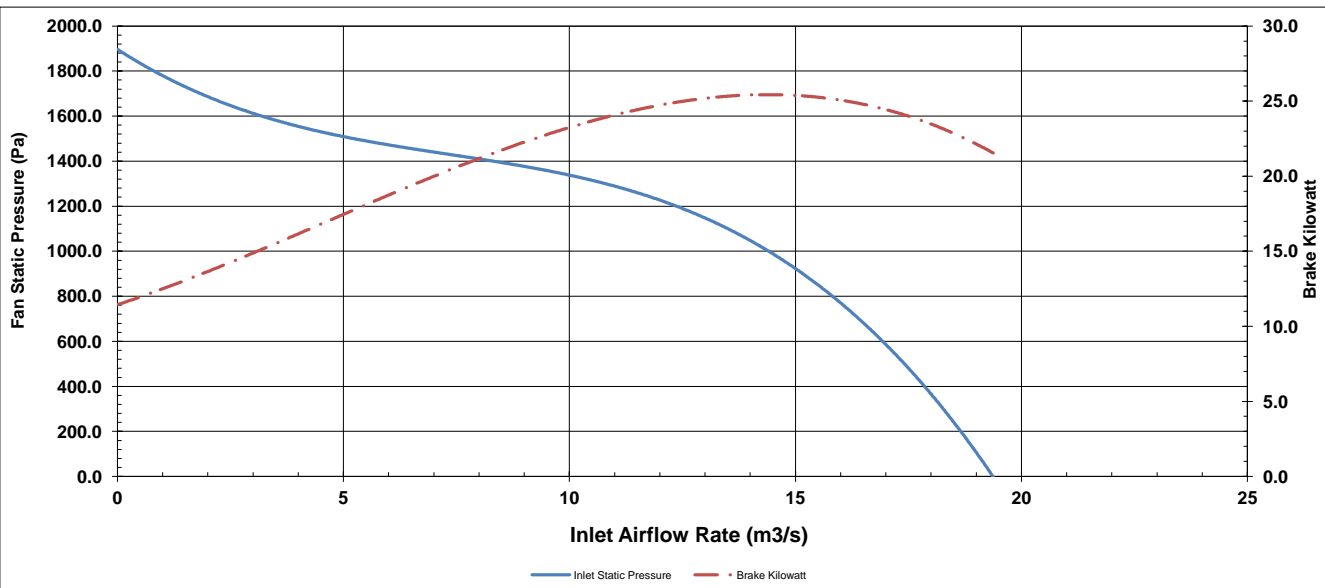
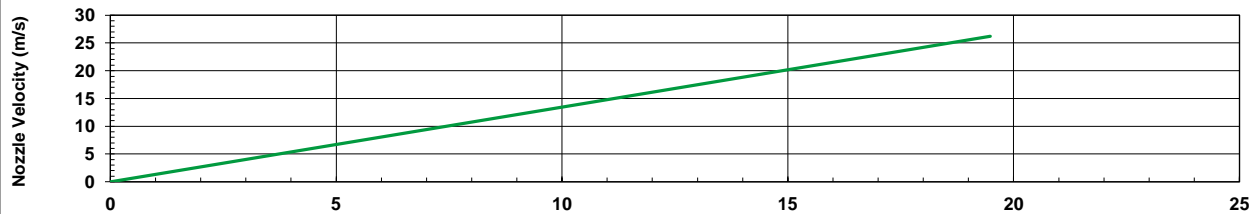
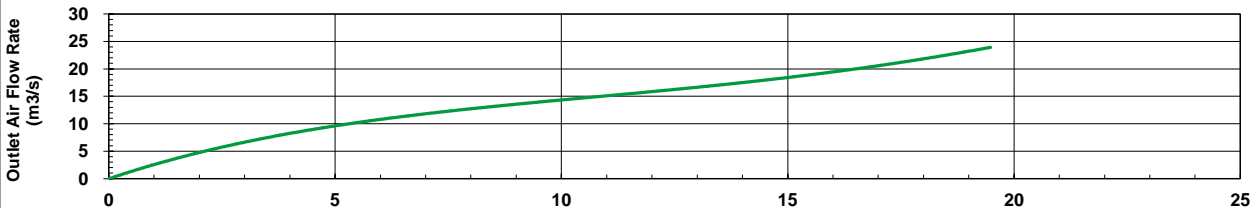
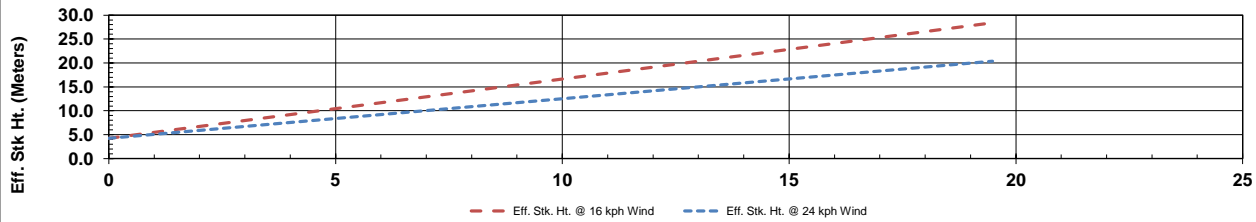
Model #: Tri-Stack™ Series M M58E80N300M6

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 1.48 M<sup>2</sup>

Speed: 985 rpm

Outlet Area: 8.00 M<sup>2</sup>



#### Outlet Sound Power Lw(dB) by Octave Band

RPM	Ps (Pa)	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	
985	249.09	95	105	101	100	99	97	97	92	109
985	498.18	94	101	99	98	98	96	95	89	107
985	747.27	93	98	98	97	97	95	94	86	105
985	1058.63	96	99	97	96	95	93	90	83	104

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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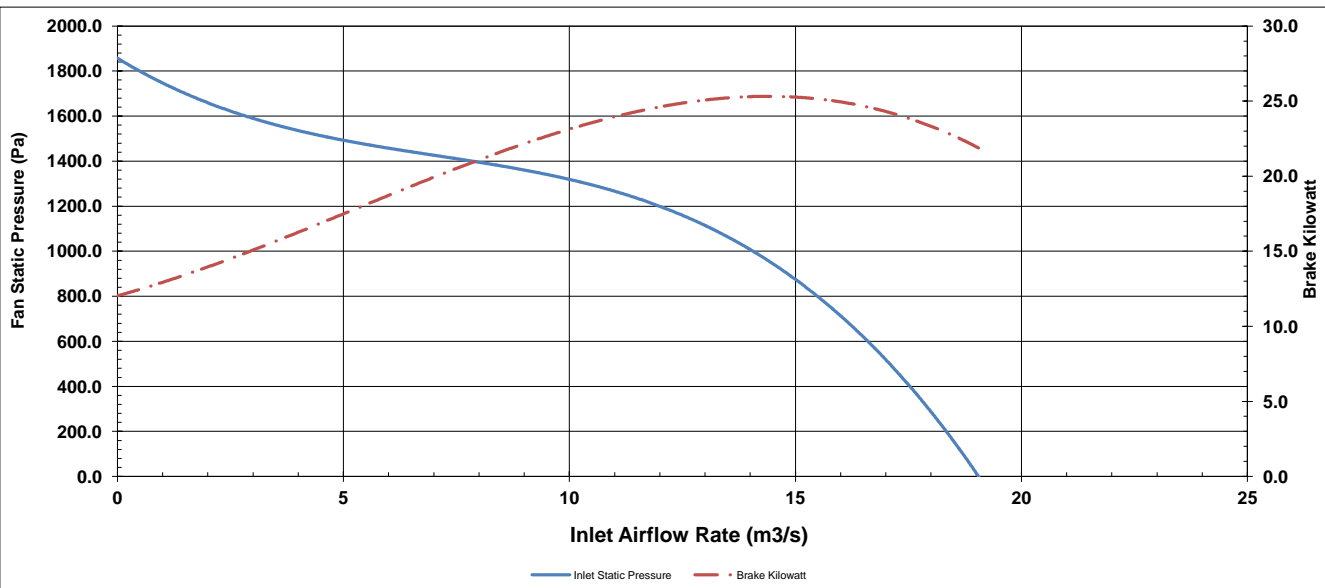
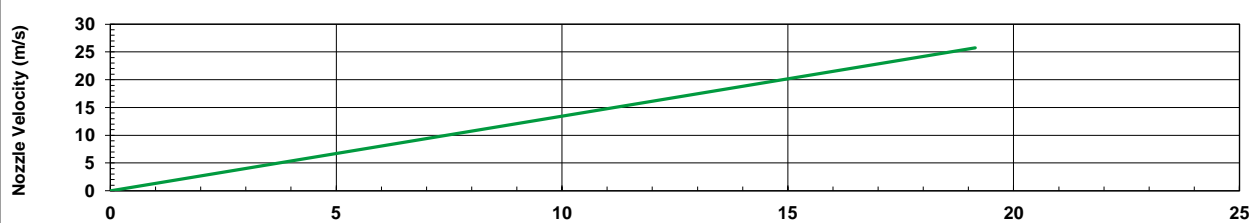
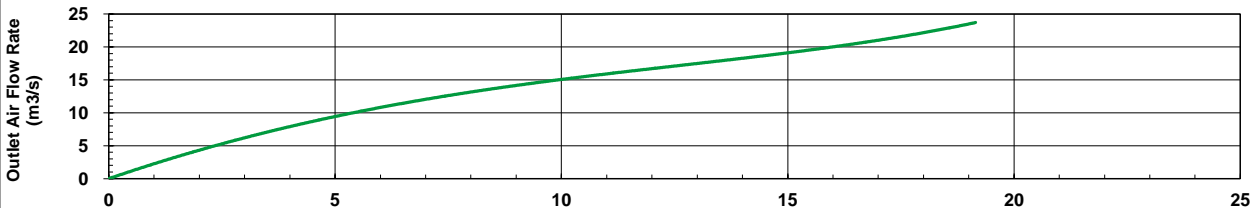
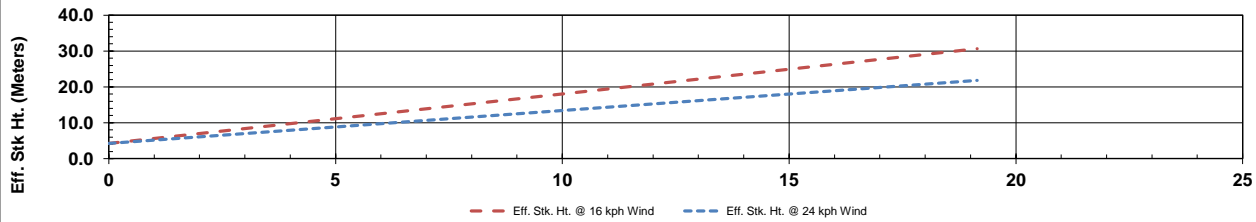
Model #: Tri-Stack™ Series M M58E80S300M6

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 1.83 M<sup>2</sup>

Speed: 985 rpm

Outlet Area: 8.00 M<sup>2</sup>



Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (Pa)	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	
985	249.09	89	92	88	84	84	85	87	81	97
985	498.18	87	90	86	83	83	84	86	79	95
985	747.27	86	87	84	82	83	83	84	77	93
985	1058.63	90	87	83	81	82	82	81	74	94

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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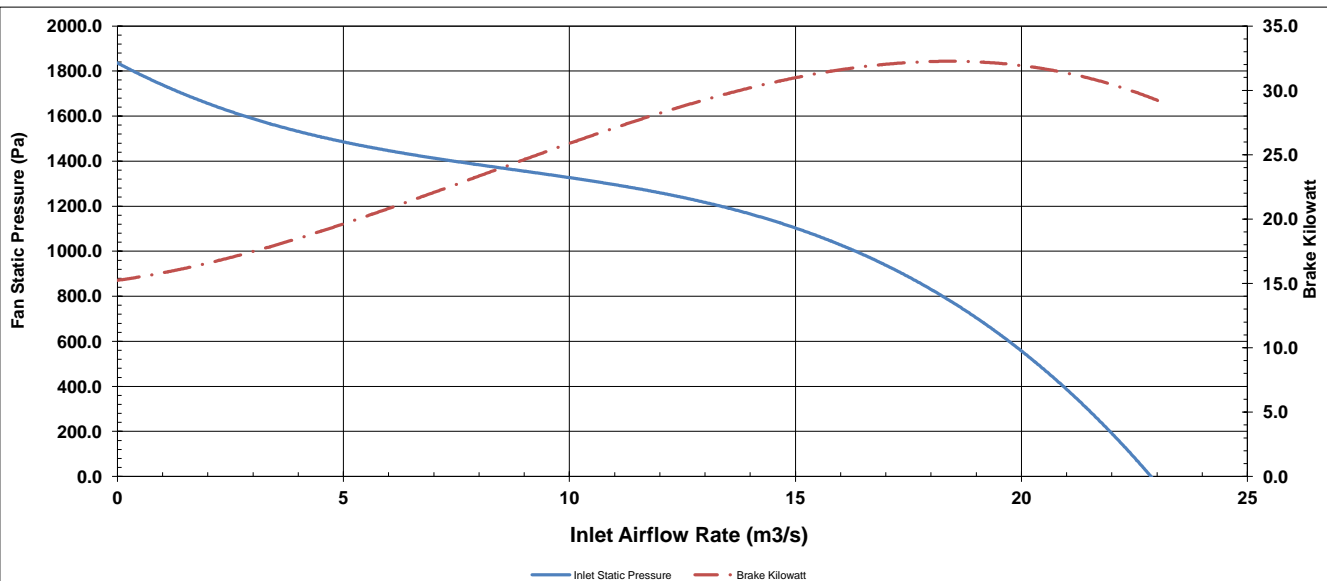
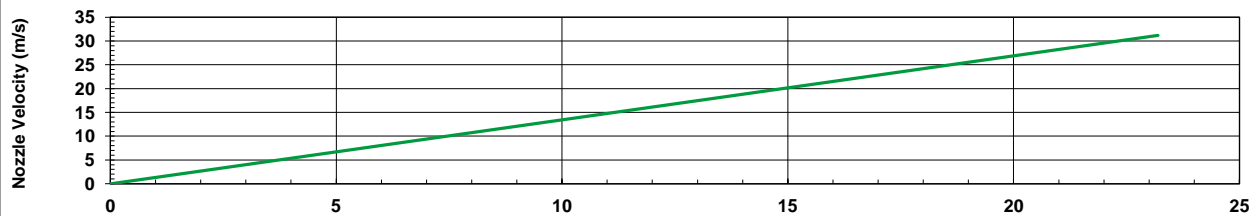
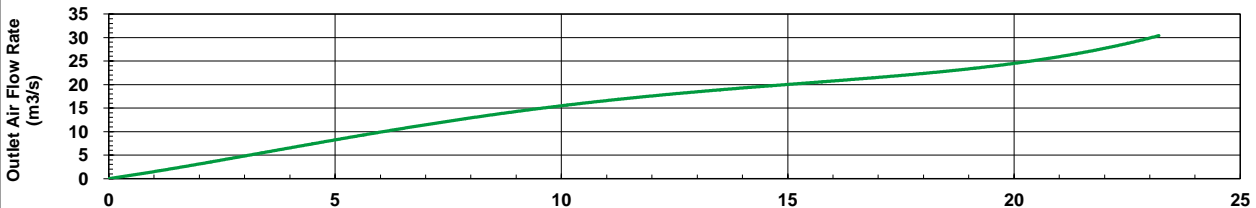
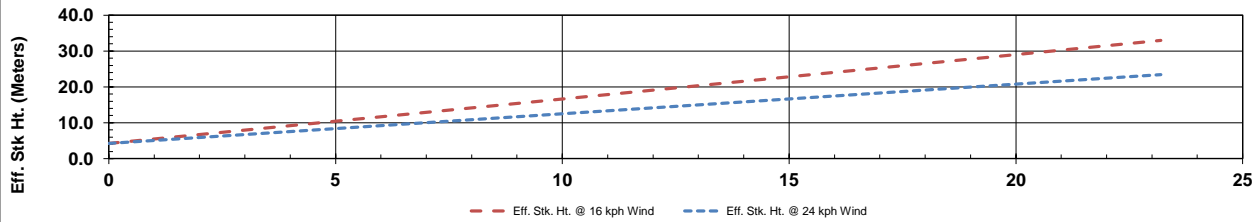
Model #: Tri-Stack™ Series M M58F80N370M6

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 1.48 M<sup>2</sup>

Speed: 985 rpm

Outlet Area: 8.00 M<sup>2</sup>



Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (Pa)	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	
985	249.09	98	104	102	102	101	98	97	92	109
985	498.18	96	104	102	101	100	97	96	89	109
985	747.27	95	104	101	100	100	96	94	86	108
985	1058.63	102	102	100	100	98	94	90	82	108

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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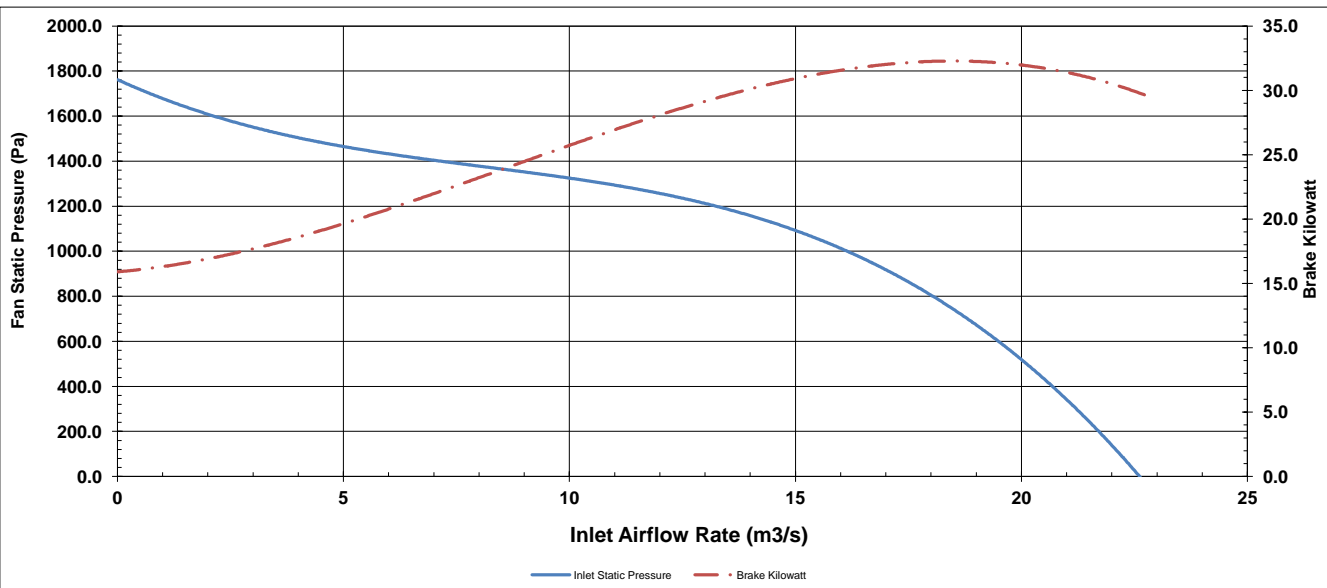
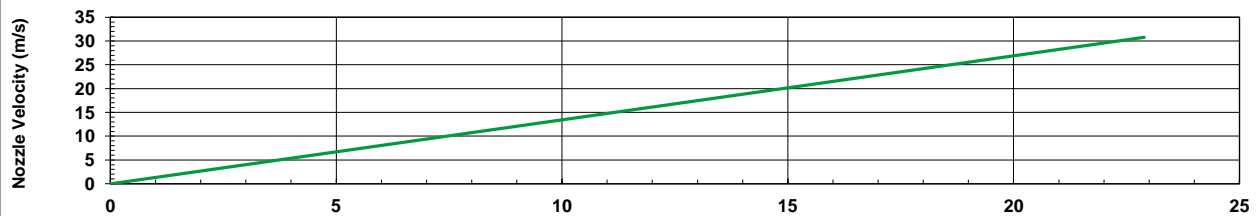
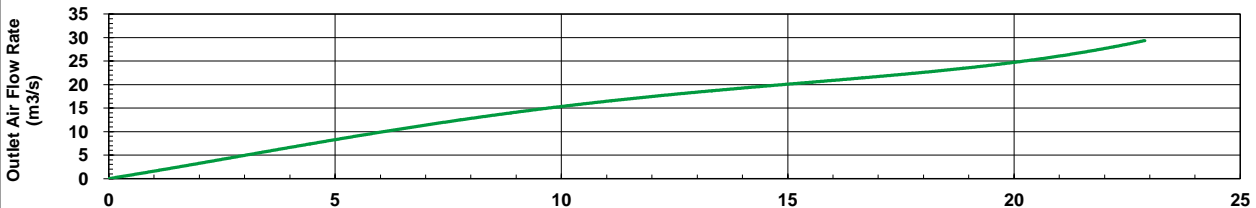
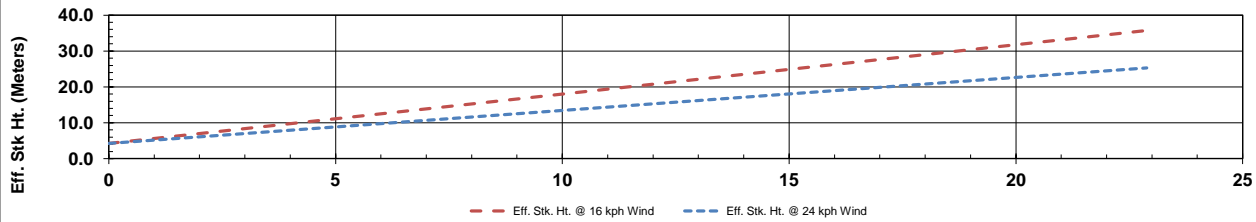
Model #: Tri-Stack™ Series M M58F80S370M6

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 1.83 M<sup>2</sup>

Speed: 985 rpm

Outlet Area: 8.00 M<sup>2</sup>



Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (Pa)	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	
985	249.09	91	92	90	86	86	86	88	84	98
985	498.18	90	91	89	86	86	85	86	82	97
985	747.27	89	91	88	85	85	85	85	80	96
985	1058.63	94	90	87	84	84	83	81	76	97

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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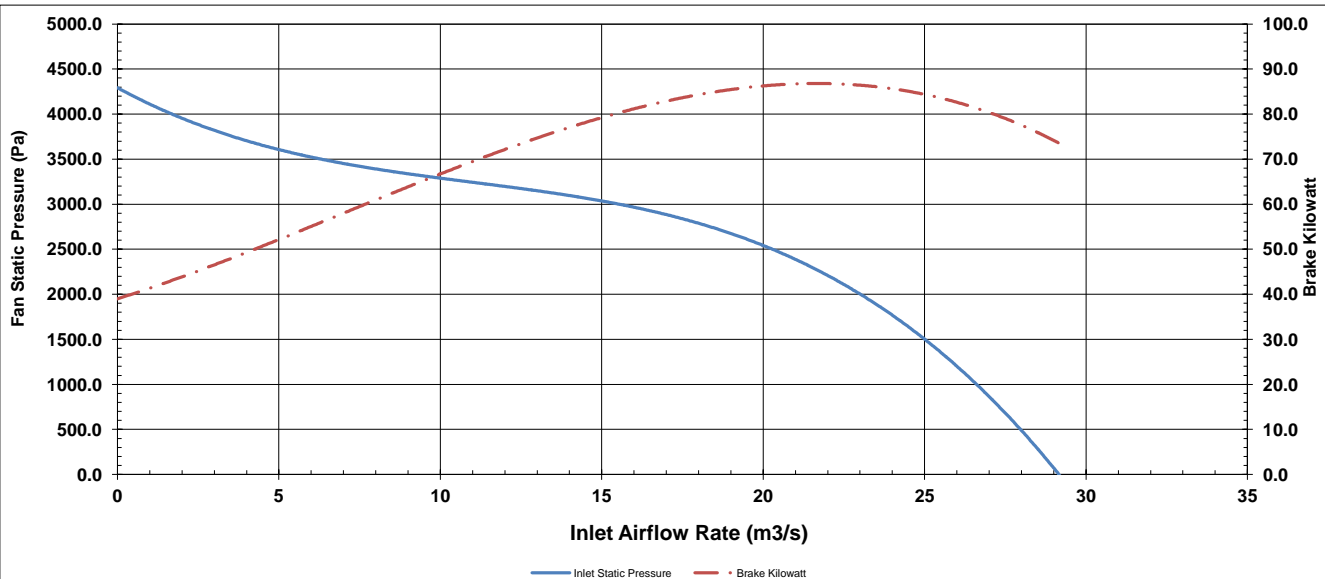
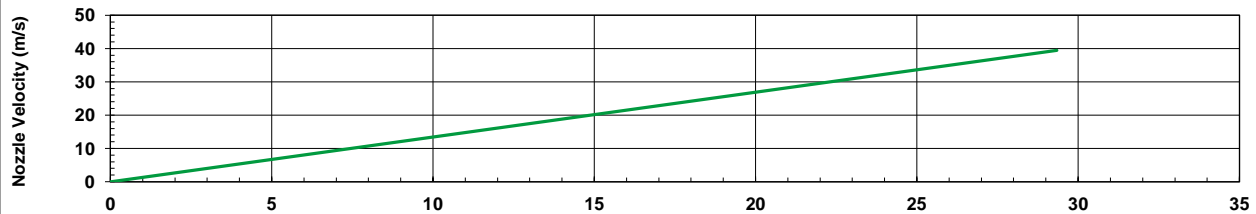
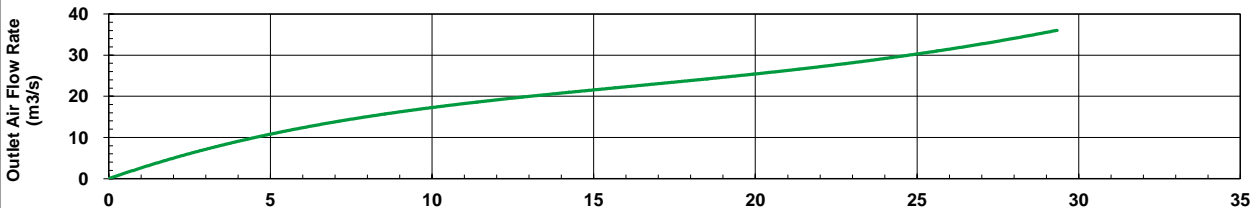
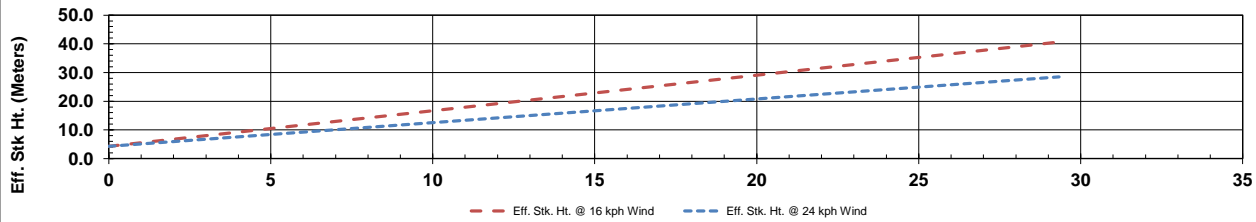
Model #: Tri-Stack™ Series M M58E80N900M4

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 1.48 M<sup>2</sup>

Speed: 1483 rpm

Outlet Area: 8.00 M<sup>2</sup>



#### Outlet Sound Power Lw(dB) by Octave Band

RPM	Ps (Pa)	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	
1483	560.45	104	113	110	109	108	106	106	100	118
1483	1120.90	103	110	108	107	107	105	104	97	115
1483	1743.62	101	107	107	106	106	104	103	95	114
1483	2490.89	105	108	106	105	104	102	99	92	113

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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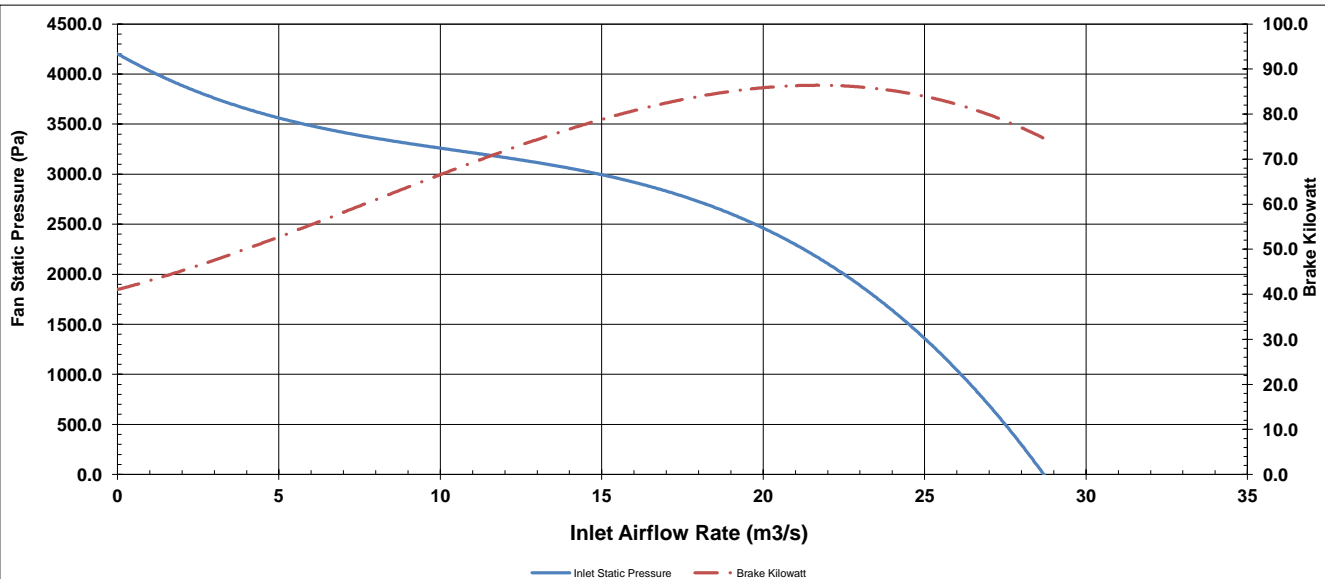
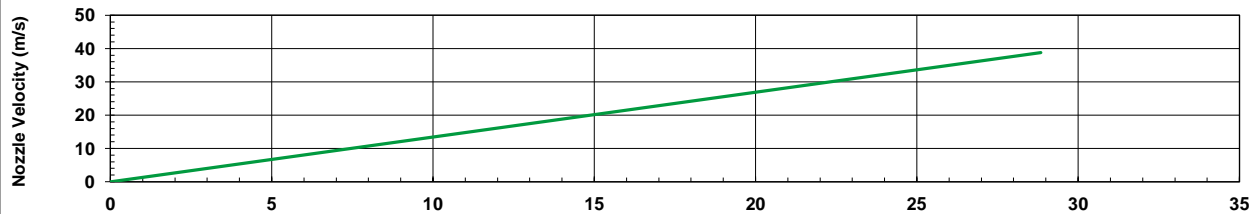
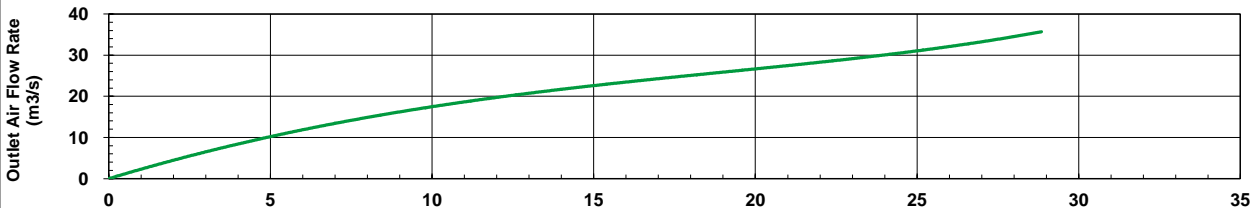
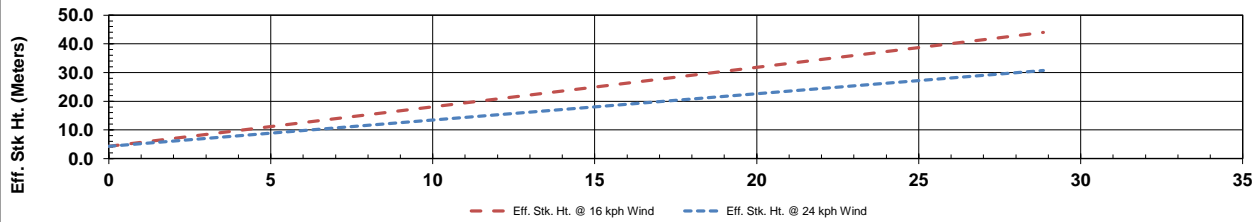
Model #: Tri-Stack™ Series M M58E80S900M4

Density: 1.201 kg/m<sup>3</sup>

Windband Area: 1.83 M<sup>2</sup>

Speed: 1483 rpm

Outlet Area: 8.00 M<sup>2</sup>



Outlet Sound Power Lw(dB) by Octave Band										
RPM	Ps (Pa)	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	
1483	560.45	98	101	97	93	93	94	96	90	105
1483	1120.90	96	98	95	92	92	93	95	88	104
1483	1743.62	95	96	93	91	92	92	93	86	102
1483	2490.89	99	96	92	90	91	91	90	83	102

Performance certified is for installation type A - Free inlet, Free outlet. Power rating (BKW) 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 Lw 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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