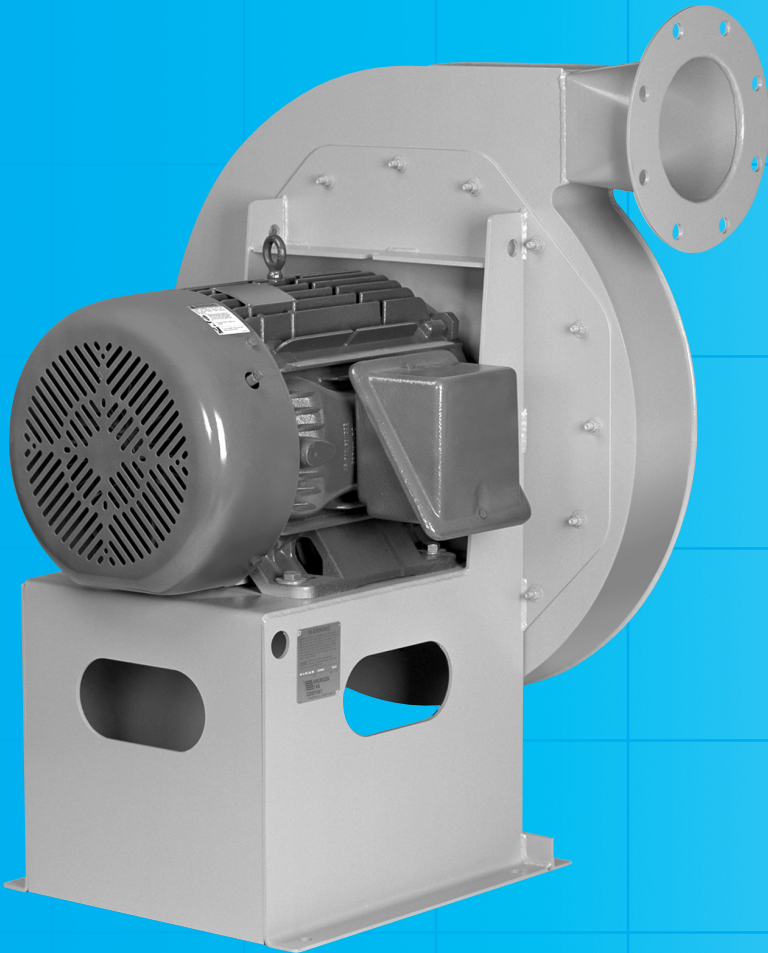
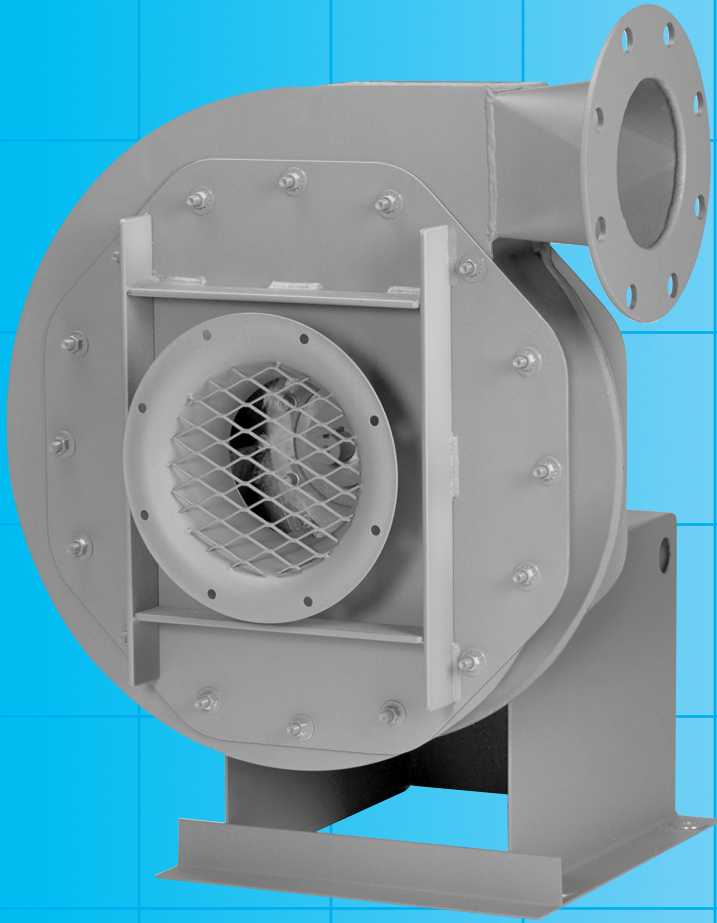


Bulletin VP0404
January 2002

**American
Fan Company**



TURBO PRESSURE BLOWERS

FEATURES

- Heavy gage continuously welded housings, reversible and rotatable
- Round inlet and outlet with flanges drilled to match ANSI 150 # pipe flanges (outlet flange standard)
- Dynamically balanced wheels to assure smooth operation
- Three inlet types available--stub pipe, flanged or venturi (standard)
- Teflon shaft seal (standard)
- Heavy-duty anti-friction pillow block ball bearings
- Close tolerance 1045 turned, ground, and polished shafting
- Pressures to 80" S.P.W.G., Capacities to 8000 CFM
- Lifting eyes are standard for handling ease

ACCESSORIES

- Housing drain
- Housing inspection door
- Inlet screen
- Outlet screen
- High-temperature construction to 700° F
- Stuffing box
- Stainless steel or other alloy airstream
- Heat slinger
- Spark-resistant construction
- Inlet damper
- Outlet damper (integral or bolt-on)
- Flexible coupling for Arr't 8
- Special Coatings
- Drive guards

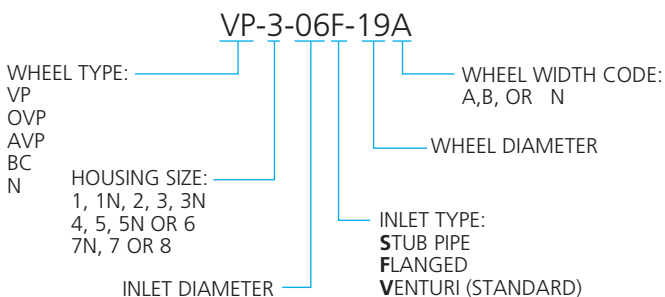
TYPICAL APPLICATIONS

- Combustion air
- Air pollution control systems
- Induced pneumatic conveying
- Glass blowing
- Drying
- Gas boosting
- Material aeration
- Cooling
- Air floatation conveyors
- Textile fiber stripping and recycling
- Ground water remediation

MAJOR INDUSTRIES

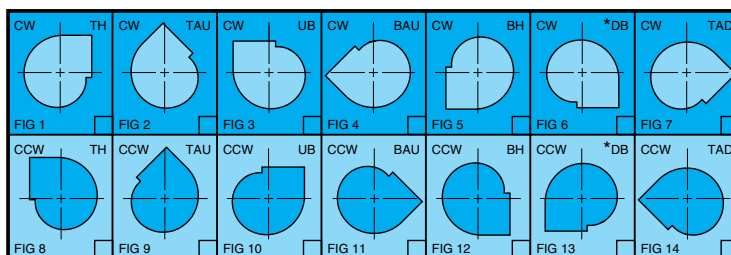
- Chemical
- Pulp and Paper
- Steel
- Glass
- Food Processing
- Energy
- Textile
- Petrochemical

HOW TO SPECIFY



DISCHARGE POSITIONS

NOTE: ROTATION VIEWED FROM DRIVEN SIDE



*Fan sizes 1N, 1 and 2 not available in downblast discharge configuration due to interference with base.

CONSTRUCTION MATERIALS

GAUGES & SHAFT DIAMETERS

Fan Size	Housing Side	Scroll	Base	Motor Base Front & Inlet Plate	Inlet Venturi	Stub Pipe Inlet	Flanges	Standard Arr't 9 Base		Extended Arr't 9 Base	
								Shaft Dia.	Bearings (or equal)	Shaft Dia.	Bearings (or equal)
1, 1N, & 2	10	12	10	10	14	12	¼	1⅞	Dodge DLMAH	1⅞	Dodge DLMAH
3, 3N, & 4	10	12	7	10	14	12	¼	1⅞	Dodge DLMAH	1⅞	Dodge DLMAH
5, 5N, & 6	10	12	¼	10	14	12	¼	2⅜	Dodge DLMAH	2⅜	Dodge DLMAH
7, 7N, & 8	7	10	⅝	7	14	12	¼	2⅞	Link-Belt P-U300	2⅞	Link-Belt P-U300

HI-TEMPERATURE CONSTRUCTION

250° – 400° F

Heat Slinger, high-temperature paint. Not available on Arr't 4.

401° – 700° F

Heat Slinger, high-temperature shaft seal, high-temperature paint Arr't 1 or 8 only.

SPECIAL CONSTRUCTION MATERIALS

SPARK RESISTANT CONSTRUCTION

Type AA*

All parts of the fan in contact with the air or gas being handled shall be made of non-ferrous material, except shaft.

*Alternative to AMCA Type A

Type B

Fan shall have entirely non-ferrous wheel and a non-ferrous ring about the opening through which the shaft passes.

Type C

Fan shall be so constructed that a shift of the wheel or shaft will not permit two ferrous parts of the fan to rub or strike.

CORROSION RESISTANT AND SPECIAL ALLOYS

For applications involving handling of corrosive fumes, a wide variety of protective coatings and special alloy metals are available. Consult your American Fan representative or factory for full details.

WHEEL TYPES, WEIGHTS, WR² AND MINIMUM MOTOR HP RATINGS



AVP Wheel

Cast Almag radial open design for light material handling applications. AVP is ideal for the textile industry's lint conveying applications where Type "B" spark resistant construction is required. AVP wheels are available in 17" through 23" diameters.

Wheel	Wt. (lbs.)	WR ² (lbs.-ft. ²)	Standard Material	Min. Motor HP req'd. to accelerate wheel to 3600 RPM	
				Std. Eff.	Prem. Eff.
17A	20	5.2	Cast almag	1	1
17B	21	5.5	Cast almag	1.5	1
18A	26	7.6	Cast almag	1.5	1.5
18B	26.5	7.7	Cast almag	1.5	1.5
19A	26	8.4	Cast almag	2	1.5
19B	31	10.1	Cast almag	2	1.5
21A	30	11.9	Cast almag	3	2
21B	30.5	12.1	Cast almag	3	2
23A	43	20.5	Cast almag	5	3
23B	47	22.4	Cast almag	5	5



OVP Wheel

Welded steel version of AVP wheel for more demanding material handling applications. OVP wheels are available in 17" through 30" diameters.

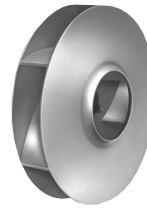
Wheel	Wt. (lbs.)	WR ² (lbs.-ft. ²)	Standard Material	Min. Motor HP req'd. to accelerate wheel to 3600 RPM	
				Std. Eff.	Prem. Eff.
17A	26	6.8	Corten steel	1.5	1.5
17B	27	7.0	Corten steel	1.5	1.5
18A	28	8.2	Corten steel	1.5	1.5
18B	29	8.5	Corten steel	1.5	1.5
19A	40	13.0	Corten steel	3	2
19B	41	13.3	Corten steel	3	3
21A	45	17.9	Corten steel	3	3
21B	46	18.3	Corten steel	3	3
23A	51	24.3	Corten steel	5	5
23B	52	24.8	Corten steel	5	5
26.5A	61	38.6	Corten steel	15	10
26.5B	63	39.8	Corten steel	20	10
28A	68	48.0	Corten steel	20	15
28B	71	50.1	Corten steel	25	20
30A	75	60.8	Corten steel	25	20
30B	79	64.0	Corten steel	25	25



N Wheel

High pressure, low flow, open design wheel. Good for light material handling applications. N wheels are available in cast aluminum in 16" through 26.5" diameters and welded steel 28.1" through 31.5" diameters.

Wheel	Wt. (lbs.)	WR ² (lbs.-ft. ²)	Standard Material	Min. Motor HP req'd. to accelerate wheel to 3600 RPM	
				Std. Eff.	Prem. Eff.
16N	7	1.6	Cast aluminum	1	1
18.5N	8	2.5	Cast aluminum	1	1
20N	13	4.7	Cast aluminum	1.5	1
22.5N	14	6.4	Cast aluminum	1.5	1.5
24N	28	14.5	Cast aluminum	3	3
26.5N	34	21.5	Cast aluminum	5	3
28.1N	108	77.0	Corten Steel	25	25
29.8N	115	92.0	Corten Steel	25	25
31.5N	126	113.0	Corten Steel	30	25



BC Wheel

High efficiency, welded backward curve wheel for clean air applications where low noise level and low HP are considerations. BC wheels are constructed of aluminum in 16" through 26" diameters and are constructed of steel in 28.7" through 31.5" diameters.

Wheel	Wt. (lbs.)	WR ² (lbs.-ft. ²)	Standard Material	Min. Motor HP req'd. to accelerate wheel to 3600 RPM	
				Std. Eff.	Prem. Eff.
16A	12	2.8	Aluminum	1	1
16B	13	3.0	Aluminum	1	1
18A	14	4.1	Aluminum	1	1
18B	15	4.4	Aluminum	1	1
20A	19	6.8	Aluminum	1.5	1.5
20B	22	7.9	Aluminum	1.5	1.5
22A(06)	22	9.6	Aluminum	2	1.5
22A(08)	20	8.7	Aluminum	2	1.5
22B(06)	25	10.9	Aluminum	3	1.5
22B(08)	22	9.6	Aluminum	2	1.5
24A	25	13.0	Aluminum	3	2
24B	29	15.0	Aluminum	3	3
26A(8)	28	17.0	Aluminum	3	3
26B(8)	31	18.9	Aluminum	5	3
26A(10)	26	15.8	Aluminum	3	3
26B(10)	29	17.6	Aluminum	3	3
28.7A(10)*	72	53.0	Corten steel	25	20
28.7B(10)*	76	56.0	Corten steel	25	20
28.7A(12)*	70	52.0	Corten steel	25	20
28.7B(12)*	74	55.0	Corten steel	25	20
31.5A(10)*	96	86.0	Corten steel	25	25
31.5B(10)*	101	90.0	Corten steel	25	25
31.5A(12)*	94	84.0	Corten steel	25	25
31.5B(12)*	99	88.0	Corten steel	25	25

*Sizes 28.7 through 31.5 are not available in aluminum construction. Standard material for 28.7 through 31.5 sizes is Corten steel. Standard material for all other sizes is aluminum.



VP Wheel

High pressure, fabricated steel enclosed radial wheel designed for industrial gas and/or light dust applications. VP is also available in aluminum and stainless steel and many other alloys for corrosive applications. VP wheels are available in 17" through 31.5" diameters.

Wheel	Wt. (lbs.)	WR ² (lbs.-ft. ²)	Standard Material	Min. Motor HP req'd. to accelerate wheel to 3600 RPM	
				Std. Eff.	Prem. Eff.
17A	24.3	6.3	Corten Steel	1.5	1.5
17B	24.6	6.4	Corten Steel	1.5	1.5
18.5A	26.2	8.1	Corten Steel	1.5	1.5
18.5B	28.1	8.7	Corten Steel	1.5	1.5
19A	28.2	9.2	Corten Steel	1.5	1.5
19B	29.9	9.7	Corten Steel	2	1.5
20A	31.1	11.2	Corten Steel	3	2
20B	32.9	11.8	Corten Steel	3	2
21A	34.2	13.6	Corten Steel	3	3
21B	36.2	14.4	Corten Steel	3	3
22.5A	38.6	17.6	Corten Steel	3	3
22.5B	40.8	18.6	Corten Steel	3	3
23A	51	24.3	Corten Steel	5	5
23B	54	25.7	Corten Steel	7.5	5
24A	55	28.5	Corten Steel	7.5	5
24B	59	30.6	Corten Steel	10	7.5
25A	60	33.8	Corten Steel	10	7.5
25B	63	35.4	Corten Steel	10	7.5
26.5A	66	41.7	Corten Steel	20	10
26.5B	69	43.6	Corten Steel	20	10
28.1A	69	49.0	Corten Steel	20	20
28.1B	73	51.9	Corten Steel	25	20
29.8A	76	60.7	Corten Steel	25	20
29.8B	81	64.7	Corten Steel	25	25
31.5A	83	74.1	Corten Steel	25	25
31.5B	88	78.6	Corten Steel	25	25

NOTE: Minimum HP ratings apply only to standard wheel materials shown. Contact factory for minimum HP ratings for alternative wheel materials.

TEMPERATURE AND ALTITUDE CORRECTIONS

USING DENSITY CORRECTION FACTORS

The capacity Tables in this bulletin are based on fans handling standard air at a density of .075 pounds per cubic foot equivalent to air at 70° F and 29.92" Hg barometric pressure. Therefore, when a fan handles air or other gases at other than standard density due to temperature, altitude or the type of gas, the published tables should be used in the following manner.

EXAMPLE: Select a Turbo Pressure Blower with a VP wheel for 1650 ACFM @ 12 oz. SP (20.78") @ 250°F and 3000' elevation.

1. Determine the equivalent static pressure in the following manner: S.P = required SP x density factor for conditions from the table below, i.e., equivalent S.P = 12 x 1.50 = 18 oz. SP.
2. Using the required ACFM and the equivalent SP, select a VP blower from the quick selection table, i.e., Model VP-3-08-21A with a BHP of 13.08.
3. Correct BHP for operating conditions by dividing BHP from the table by density factor, i.e., $\frac{13.8}{1.5} = 8.72$ BHP at conditions.

AIR TEMP. DEG. F.	ALTITUDE IN FEET ABOVE SEA LEVEL																			
	0	500	1000	1500	2000	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000	7500	8000	8500	9000	10000
-60°	.76	.77	.78	.80	.81	.83	.84	.86	.87	.89	.91	.92	.94	.96	.98	1.00	1.02	1.04	1.06	1.10
-40°	.79	.81	.82	.84	.85	.87	.88	.90	.92	.93	.95	.97	.99	1.01	1.03	1.05	1.07	1.09	1.11	1.15
-20°	.83	.85	.86	.88	.89	.91	.93	.94	.96	.98	1.00	1.02	1.04	1.06	1.08	1.10	1.12	1.14	1.16	1.21
0°	.87	.89	.91	.92	.94	.96	.98	.99	1.01	1.03	1.05	1.06	1.09	1.10	1.13	1.15	1.17	1.19	1.22	1.26
40°	.94	.96	.98	1.00	1.02	1.04	1.06	1.08	1.10	1.12	1.14	1.16	1.19	1.21	1.23	1.26	1.28	1.30	1.32	1.36
70°	1.00	1.02	1.04	1.06	1.08	1.10	1.12	1.14	1.16	1.18	1.20	1.22	1.25	1.27	1.30	1.32	1.35	1.37	1.40	1.45
80°	1.02	1.04	1.06	1.08	1.10	1.12	1.14	1.16	1.19	1.21	1.23	1.26	1.28	1.30	1.33	1.36	1.38	1.41	1.43	1.48
100°	1.06	1.08	1.10	1.12	1.14	1.16	1.19	1.21	1.23	1.25	1.28	1.30	1.33	1.35	1.38	1.41	1.43	1.46	1.48	1.54
120°	1.09	1.12	1.14	1.16	1.18	1.20	1.23	1.25	1.28	1.30	1.32	1.35	1.38	1.40	1.43	1.46	1.48	1.51	1.53	1.58
140°	1.13	1.15	1.18	1.20	1.22	1.25	1.27	1.29	1.32	1.34	1.37	1.40	1.42	1.45	1.48	1.51	1.54	1.57	1.58	1.65
160°	1.17	1.19	1.22	1.24	1.26	1.29	1.31	1.34	1.36	1.39	1.42	1.44	1.47	1.50	1.53	1.56	1.59	1.62	1.64	1.70
180°	1.21	1.23	1.26	1.28	1.30	1.33	1.36	1.38	1.41	1.43	1.46	1.49	1.52	1.55	1.58	1.61	1.64	1.67	1.70	1.75
200°	1.25	1.27	1.29	1.32	1.34	1.37	1.40	1.42	1.45	1.48	1.51	1.54	1.57	1.60	1.63	1.66	1.69	1.72	1.75	1.81
250°	1.34	1.36	1.39	1.42	1.45	1.47	1.50	1.53	1.56	1.59	1.62	1.65	1.68	1.71	1.74	1.78	1.82	1.85	1.88	1.94
300°	1.43	1.46	1.49	1.52	1.55	1.58	1.61	1.64	1.67	1.70	1.74	1.77	1.80	1.84	1.87	1.91	1.94	1.98	2.00	2.08
350°	1.53	1.56	1.59	1.62	1.65	1.68	1.72	1.75	1.78	1.81	1.85	1.88	1.92	1.96	2.00	2.04	2.07	2.11	2.14	2.22
400°	1.62	1.65	1.69	1.72	1.75	1.79	1.82	1.85	1.89	1.93	1.96	2.00	2.04	2.08	2.12	2.16	2.20	2.25	2.27	2.35
450°	1.72	1.75	1.79	1.82	1.86	1.89	1.93	1.96	2.00	2.04	2.08	2.12	2.16	2.20	2.24	2.29	2.33	2.38	2.41	2.50
500°	1.81	1.85	1.88	1.92	1.96	1.99	2.03	2.07	2.11	2.15	2.19	2.23	2.28	2.32	2.36	2.41	2.46	2.51	2.54	2.62
550°	1.91	1.94	1.98	2.02	2.06	2.10	2.14	2.18	2.22	2.26	2.30	2.35	2.40	2.44	2.49	2.54	2.58	2.63	2.68	2.77
600°	2.00	2.04	2.08	2.12	2.16	2.20	2.24	2.29	2.33	2.38	2.42	2.47	2.50	2.56	2.61	2.66	2.71	2.77	2.80	2.90
650°	2.10	2.14	2.18	2.22	2.26	2.31	2.35	2.40	2.44	2.49	2.54	2.58	2.63	2.68	2.74	2.79	2.84	2.90	2.94	3.04
700°	2.19	2.23	2.27	2.32	2.36	2.41	2.46	2.50	2.55	2.60	2.65	2.70	2.75	2.80	2.86	2.91	2.97	3.03	3.06	3.18

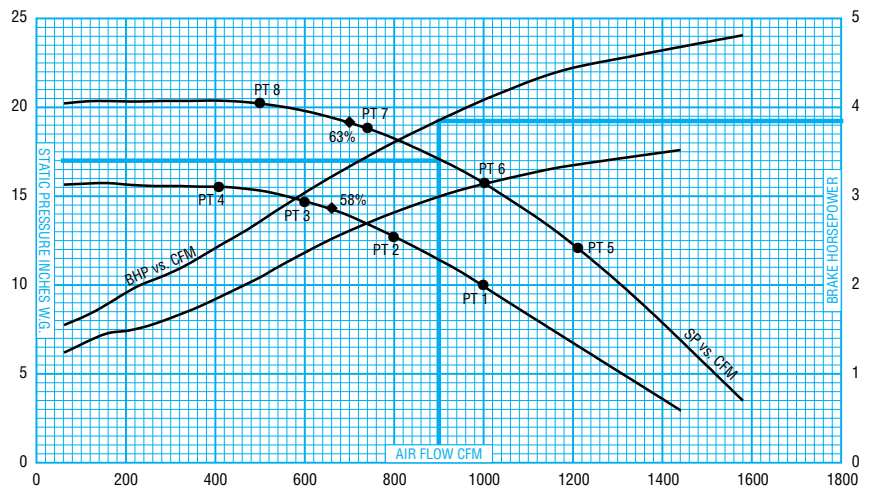
BLOWER SELECTION INSTRUCTIONS:

1. Based on application, determine which wheel type(s) would be appropriate.
Example: Select blower for 900 CFM @ 17.5" SP, Clear air, 70F. See BC Wheels.
2. Using the required CFM and SP (equivalent SP if density is other than .075 lbs/Ft.) Choose a model from quick selection chart that is nearest your requirement. Note the Model No. BHP and Curve No.
Example: From BC-1-06-18A produces 900 CFM @ 17.32" SP. 3.95 BHP, Curve No. 5030.
3. Refer to the appropriate curve no. to determine exact CFM and BHP at required SP. Read across grid at required SP until line intersects SP vs. CFM curve. Read CFM Scale straight down point of intersection.
Example: 17.5" SP. Intersects curve at 890 CFM.
4. Where CFM line intersects BHP vs. CFM curve, read BHP straight across to right on the BHP scale.
Example: 890 CFM intersects BHP vs. CFM curve at 3.95 BHP. 5HP motor is required.
5. Find numbered point on curve nearest selection point and locate corresponding sound analysis point in sound analysis chart, interpolating when necessary.
Example: Selection point is approximately equidistant from points 6 and 7. Referring to sound analysis chart on page 13, sound analysis of points 6 and 7 is:

TD-5030/MODEL BC-1

6" INLET, 5" OUTLET
3450 RPM, .075 DENSITY @ INLET
IV = CFM/.1963, OV = CFM/.1364
IV = INLET VELOCITY OV = OUTLET VELOCITY

KEY TO GRAPH:
— = MODEL BC-1-06-18A
- - - = MODEL BC-1-06-16A
◆ = PEAK STATIC EFFICIENCY
● = OCTAVE BAND PT.



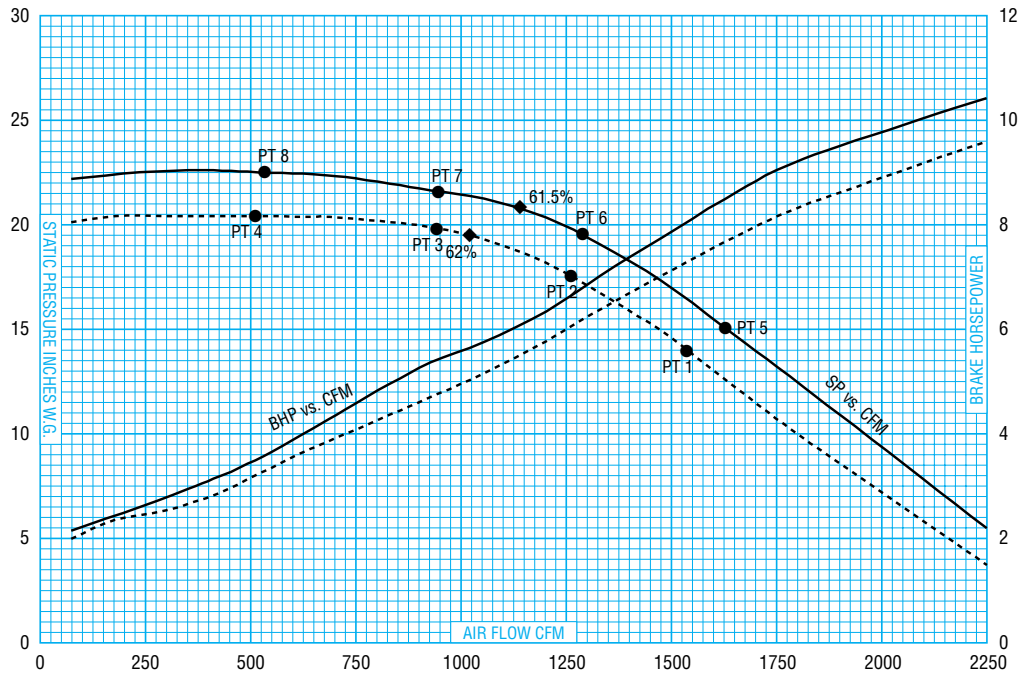
Model Number	PT	CFM	SP	Octave Band (Hz)								dBA @ 5'
				63	125	250	500	1000	2000	4000	8000	
BC-1-06-18A	6	992	16	87	96	95	96	91	88	83	80	87
	7	749	19	86	92	95	96	92	89	83	80	88
Interpolating for selection PT	➤	890	17.5	86	94	95	96	92	89	83	80	87

TD-5017/MODEL AVP-2

6" INLET, 6" OUTLET
3450 RPM, .075 DENSITY @ INLET
IV = CFM/.1963, OV = CFM/.1963

KEY TO GRAPH:

- = MODEL AVP-2-06-18A
- - - = MODEL AVP-2-06-17A
- ◆ = PEAK STATIC EFFICIENCY
- = OCTAVE BAND PT.



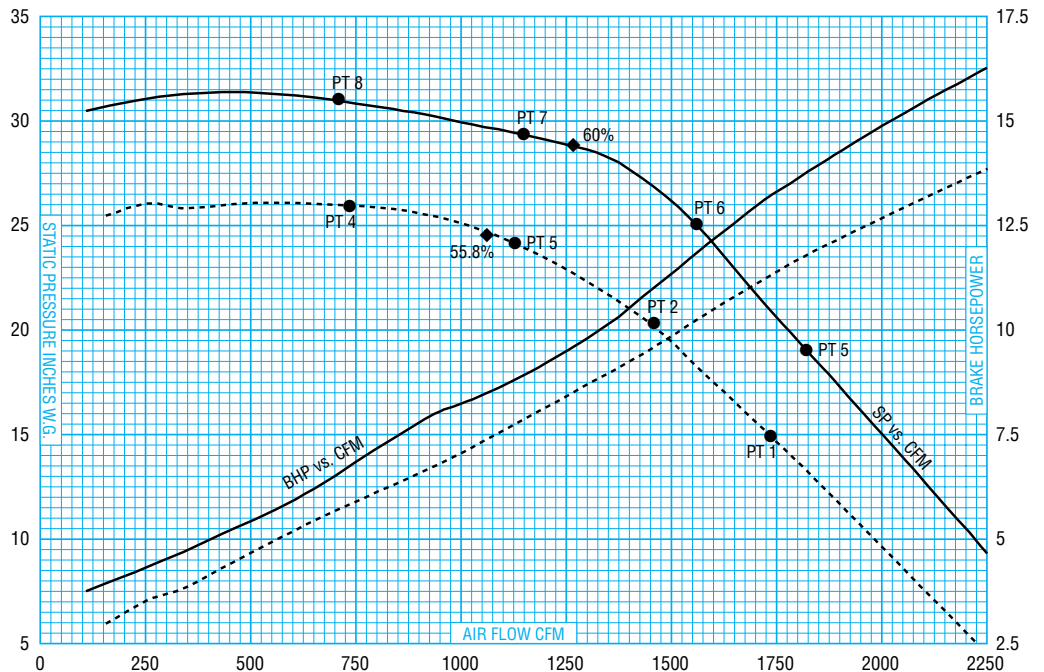
Model Number	PT	CFM	SP	Octave Band (Hz)								dBA @ 5'
				63	125	250	500	1000	2000	4000	8000	
AVP 2-06-17B TD-5017 3450 RPM	1	1560	13.5	90	98	100	108	100	95	86	81	97
	2	1255	17.5	87	95	97	101	96	92	85	80	92
	3	925	19.9	87	95	96	97	92	89	84	80	88
	4	515	20.4	89	98	96	98	91	87	83	79	87
AVP-2-06-18B TD-5017 3450 RPM	5	1625	15	89	96	101	113	101	97	88	83	100
	6	1285	19.5	89	96	98	101	98	94	86	81	93
	7	960	21.4	89	96	97	97	97	93	86	81	92
	8	535	22.4	88	97	96	101	95	93	84	80	92

TD-5018/MODEL AVP-3

6" INLET, 6" OUTLET
3515 RPM, .075 DENSITY @ INLET
IV = CFM/.1963, OV = CFM/.1963

KEY TO GRAPH:

- = MODEL AVP-3-06-21A
- - - = MODEL AVP-3-06-19A
- ◆ = PEAK STATIC EFFICIENCY
- = OCTAVE BAND PT.



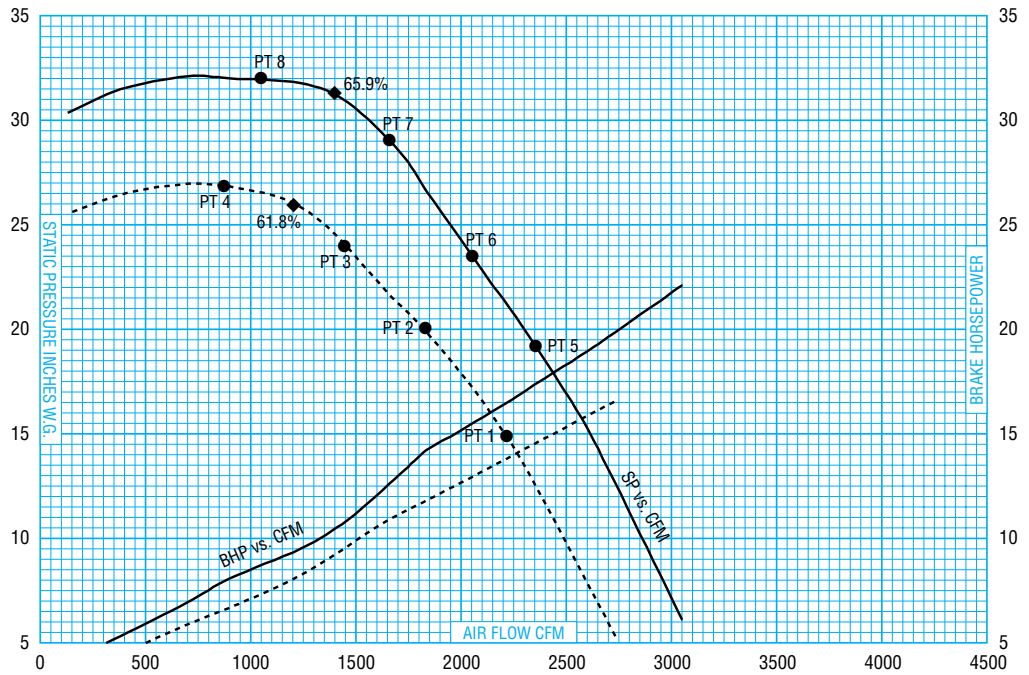
Model Number	PT	CFM	SP	Octave Band (Hz)								dBA @ 5'
				63	125	250	500	1000	2000	4000	8000	
AVP 3-06-19A TD-5018 3515 RPM	1	1740	15	90	100	100	105	101	96	91	85	96
	2	1475	20	88	98	99	102	99	94	89	83	94
	3	1150	24	89	100	99	99	96	91	87	82	91
	4	740	26	91	102	99	97	97	90	87	82	91
AVP-3-06-21A TD-5018 3515 RPM	5	1825	19	90	100	101	106	101	97	92	86	97
	6	1560	25	90	100	101	106	105	96	91	85	99
	7	1150	29.5	89	100	99	101	101	92	89	84	95
	8	720	31	91	102	99	99	101	91	88	84	93

TD-5019/MODEL AVP-3

8" INLET, 6" OUTLET
3515 RPM, .075 DENSITY @ INLET
IV = CFM/.3491, OV = CFM/.1963

KEY TO GRAPH:

- = MODEL AVP-3-08-21A
- - - = MODEL AVP-3-08-19A
- ◆ = PEAK STATIC EFFICIENCY
- = OCTAVE BAND PT.



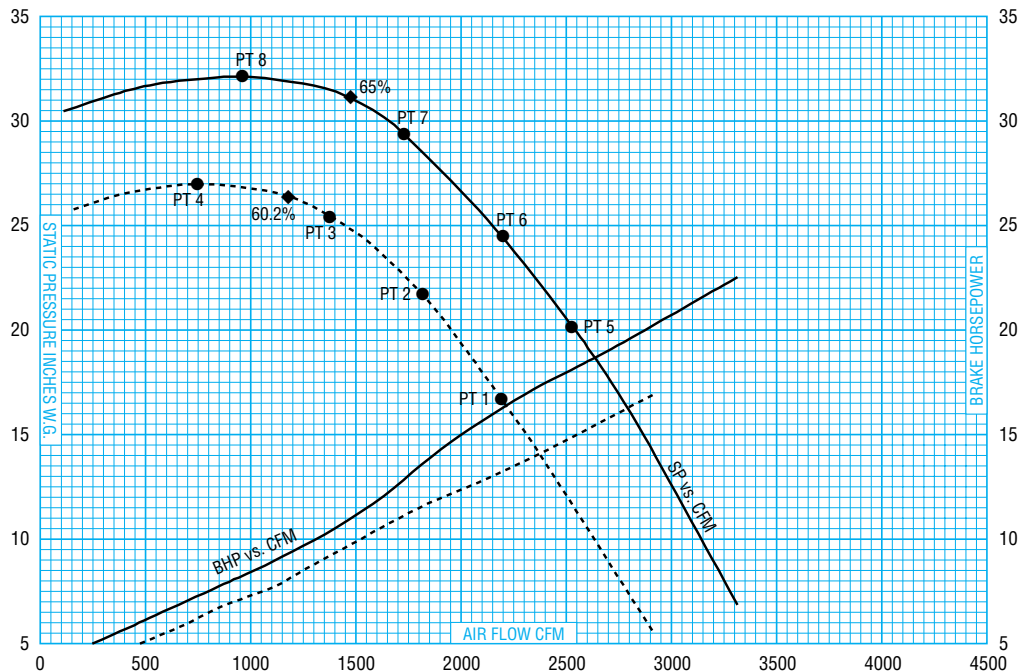
Model Number	PT	CFM	SP	Octave Band (Hz)								dBA @ 5'
				63	125	250	500	1000	2000	4000	8000	
AVP 3-08-19A TD-5019 3515 RPM	1	2220	15	91	102	103	106	104	97	91	86	98
	2	1825	20	90	102	102	103	101	95	89	84	96
	3	1460	24	90	102	101	100	99	92	88	83	93
	4	875	26.7	93	104	100	98	98	91	87	82	92
AVP-3-08-21A TD-5019 3525 RPM	5	2375	19	92	104	105	114	106	99	93	87	102
	6	2050	23.5	90	103	103	110	106	97	91	86	100
	7	1690	29	90	102	101	104	103	95	90	85	97
	8	1050	32	94	105	100	100	102	91	87	83	95

TD-5020/MODEL AVP-3

10" INLET, 6" OUTLET
3515 RPM, .075 DENSITY @ INLET
IV = CFM/.5454, OV = CFM/.1963

KEY TO GRAPH:

- = MODEL AVP-3-10-21A
- - - = MODEL AVP-3-10-19A
- ◆ = PEAK STATIC EFFICIENCY
- = OCTAVE BAND PT.



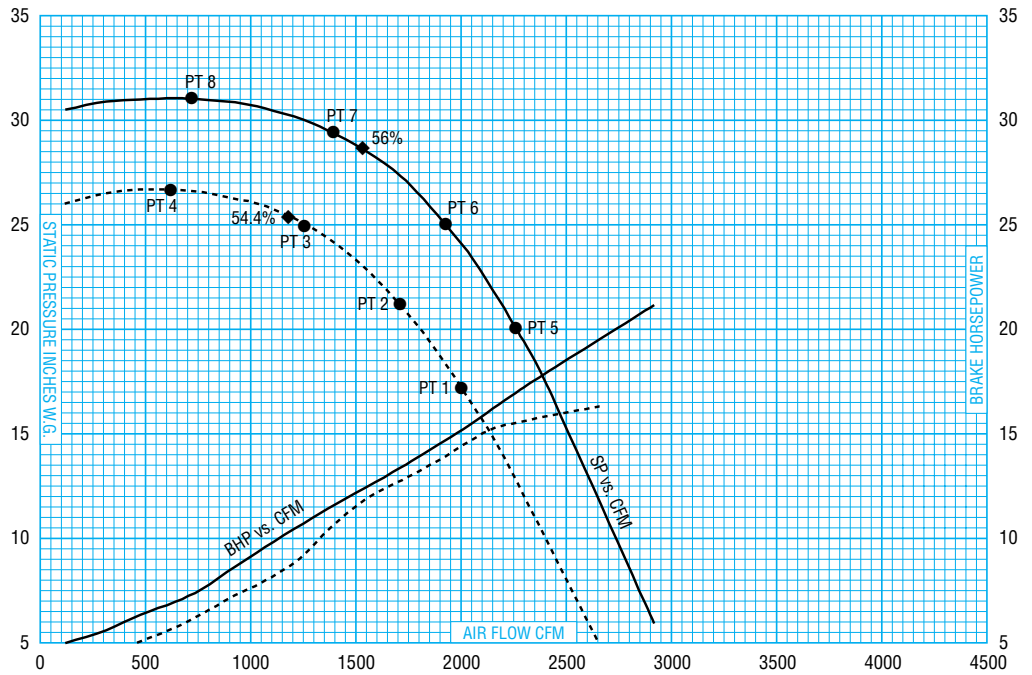
Model Number	PT	CFM	SP	Octave Band (Hz)								dBA @ 5'
				63	125	250	500	1000	2000	4000	8000	
AVP 3-10-19A TD-5020 3515 RPM	1	2200	16.5	93	104	103	104	102	96	90	85	97
	2	1840	21.5	92	104	103	104	102	95	90	85	96
	3	1370	25.5	91	105	102	100	99	93	88	83	93
	4	750	26.9	96	108	101	98	98	91	87	83	92
AVP-3-10-21A TD-5020 3515 RPM	5	2525	20	93	105	105	111	105	100	92	86	101
	6	2175	24.5	91	104	104	108	104	99	91	86	99
	7	1700	29.5	91	106	103	103	101	95	90	85	96
	8	980	32	95	108	102	101	102	92	88	84	95

TD-5021/MODEL AVP-4

6" INLET, 6" OUTLET
3515 RPM, .075 DENSITY @ INLET
IV = CFM/.1963, OV = CFM/.1963

KEY TO GRAPH:

- = MODEL AVP-4-06-21B
- - - = MODEL AVP-4-06-19B
- ◆ = PEAK STATIC EFFICIENCY
- = OCTAVE BAND PT.



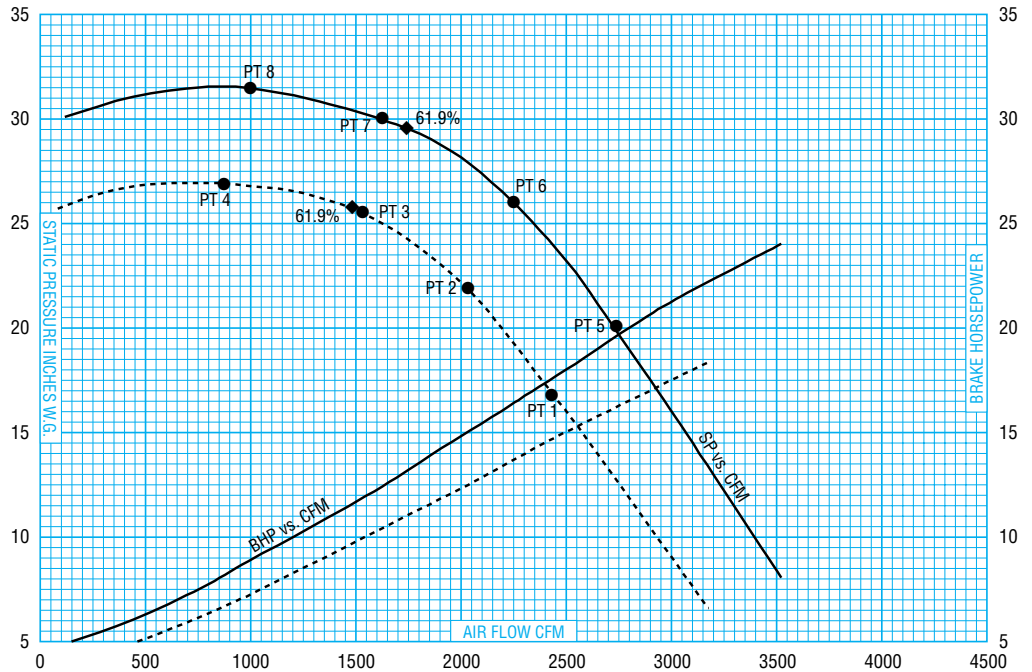
Model Number	PT	CFM	SP	Octave Band (Hz)								dBA @ 5'
				63	125	250	500	1000	2000	4000	8000	
AVP-4-06-19B TD-5021 3515 RPM	1	1995	17.5	91	101	104	109	101	96	90	87	98
	2	1675	21.5	91	101	103	105	99	94	89	86	95
	3	1270	25	91	101	107	100	97	92	89	86	92
	4	625	26.5	93	101	102	99	96	91	88	85	91
AVP-4-06-21B TD-5021 3515 RPM	5	2255	20	92	99	104	114	112	100	93	89	105
	6	1925	25	91	99	103	112	110	98	92	87	103
	7	1395	29.5	91	99	102	107	105	95	91	87	98
	8	725	30.9	93	103	103	104	100	93	89	86	94

TD-5022/MODEL AVP-4

8" INLET, 6" OUTLET
3515 RPM, .075 DENSITY @ INLET
IV = CFM/.3491, OV = CFM/.1963

KEY TO GRAPH:

- = MODEL AVP-4-08-21B
- - - = MODEL AVP-4-08-19B
- ◆ = PEAK STATIC EFFICIENCY
- = OCTAVE BAND PT.



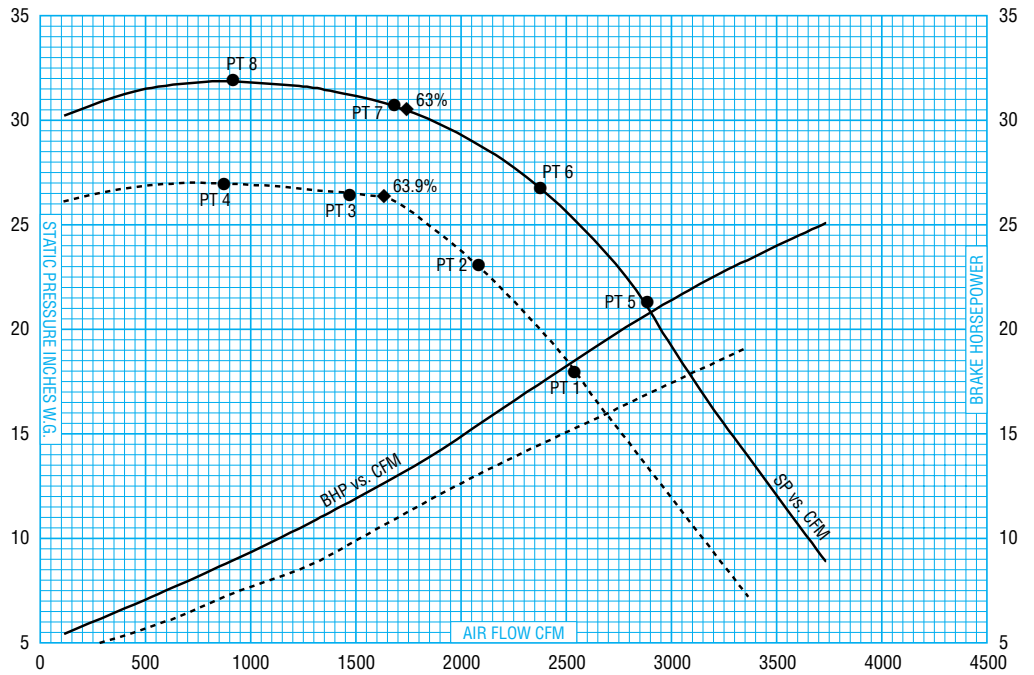
Model Number	PT	CFM	SP	Octave Band (Hz)								dBA @ 5'
				63	125	250	500	1000	2000	4000	8000	
AVP-4-08-19B TD-5022 3515 RPM	1	2440	17	90	104	105	115	103	98	92	89	102
	2	2020	22	92	106	103	108	100	95	90	87	97
	3	1540	25.4	93	106	102	104	97	92	88	87	93
	4	875	26.9	95	107	103	100	94	90	88	86	91
AVP-4-08-21B TD-5022 3515 RPM	5	2720	20	93	102	106	116	114	102	94	90	108
	6	2250	26	92	102	103	109	106	99	93	90	101
	7	1620	30	94	104	103	106	99	97	92	89	96
	8	1000	31.5	95	105	102	102	98	93	90	88	93

TD-5023/MODEL AVP-4

10" INLET, 6" OUTLET
3515 RPM, .075 DENSITY @ INLET
IV = CFM/.5454, OV = CFM/.1963

KEY TO GRAPH:

- = MODEL AVP-4-10-21B
- - - = MODEL AVP-4-10-19B
- ◆ = PEAK STATIC EFFICIENCY
- = OCTAVE BAND PT.



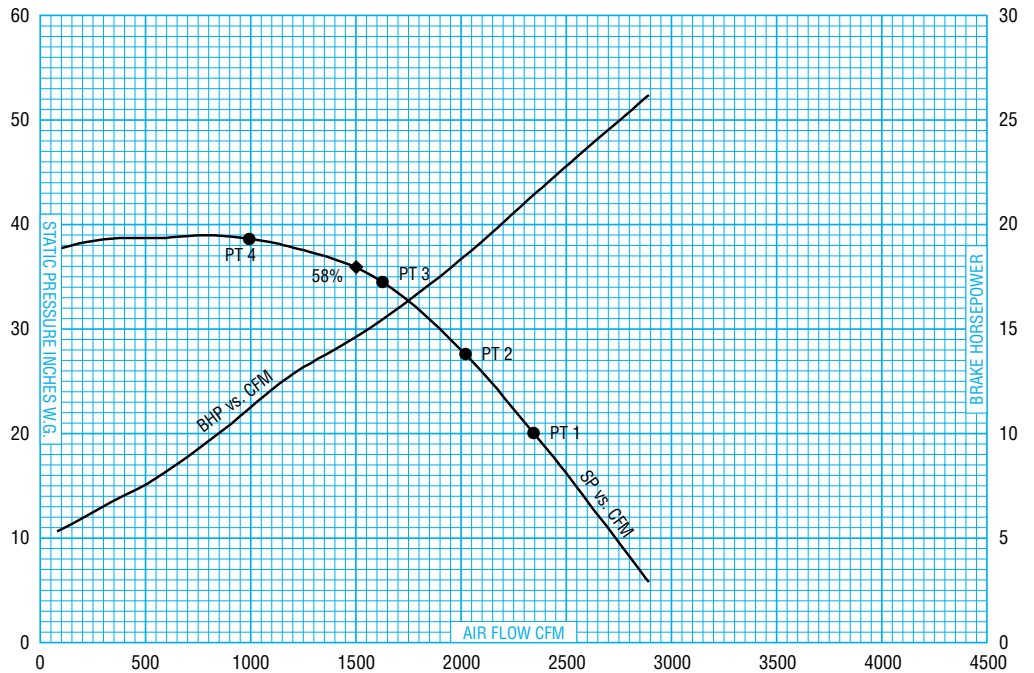
Model Number	PT	CFM	SP	Octave Band (Hz)								dBA @ 5'
				63	125	250	500	1000	2000	4000	8000	
AVP-4-10-19B TD-5023 3515 RPM	1	2525	18	93	104	106	108	103	96	91	88	98
	2	2060	23	93	104	105	105	101	95	90	87	96
	3	1475	26.5	95	107	104	101	98	91	88	86	93
	4	850	26.9	96	108	104	100	97	91	88	86	92
AVP-4-10-21B TD-5023 3515 RPM	5	2860	21	93	106	106	114	108	101	94	90	103
	6	2375	26.5	93	104	105	111	108	99	93	90	102
	7	1700	30.5	94	106	104	107	101	96	91	88	97
	8	910	31.8	97	108	104	106	99	94	90	87	95

TD-5024/MODEL AVP-5

6" INLET, 6" OUTLET
3515 RPM, .075 DENSITY @ INLET
IV = CFM/.1963, OV = CFM/.1963

KEY TO GRAPH:

- = MODEL AVP-5-06-23A
- ◆ = PEAK STATIC EFFICIENCY
- = OCTAVE BAND PT.



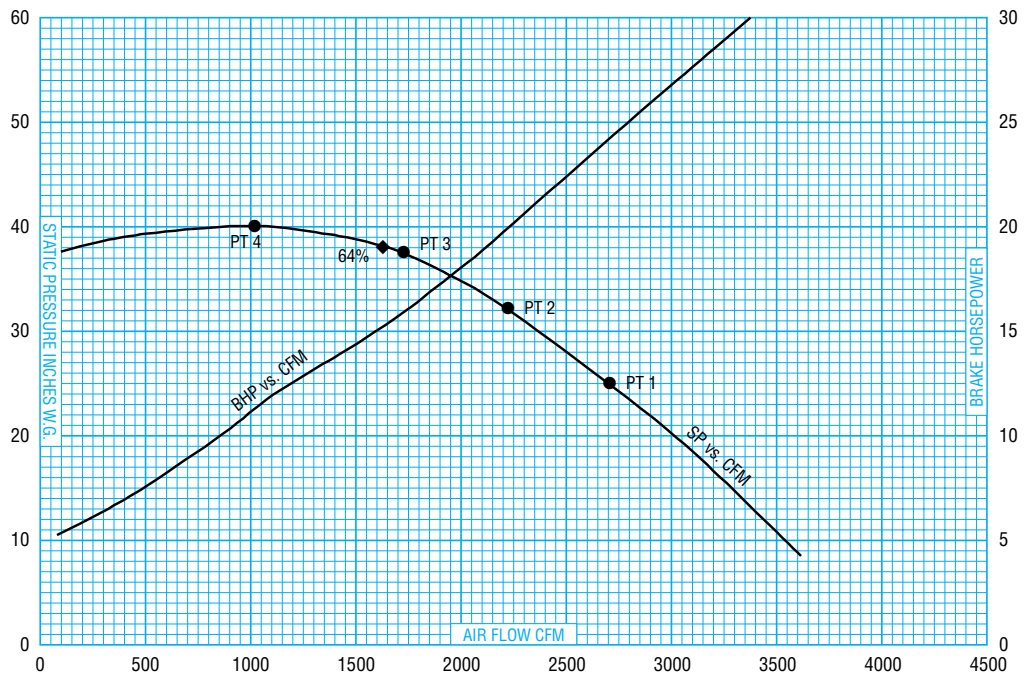
Model Number	PT	CFM	SP	Octave Band (Hz)								dBA @ 5'
				63	125	250	500	1000	2000	4000	8000	
AVP-5-06-23A TD-5024 3515 RPM	1	2360	20	88	99	103	108	104	101	95	77	100
	2	2020	28	83	98	101	104	101	98	92	75	97
	3	1625	35	87	97	100	100	97	95	90	74	93
	4	1000	38.8	89	99	98	97	94	93	89	73	90

TD-5025/MODEL AVP-5

8" INLET, 6" OUTLET
 3515 RPM, .075 DENSITY @ INLET
 IV = CFM/.3491, OV = CFM/.1963

KEY TO GRAPH:

- = MODEL AVP-5-08-23A
- ◆ = PEAK STATIC EFFICIENCY
- = OCTAVE BAND PT.



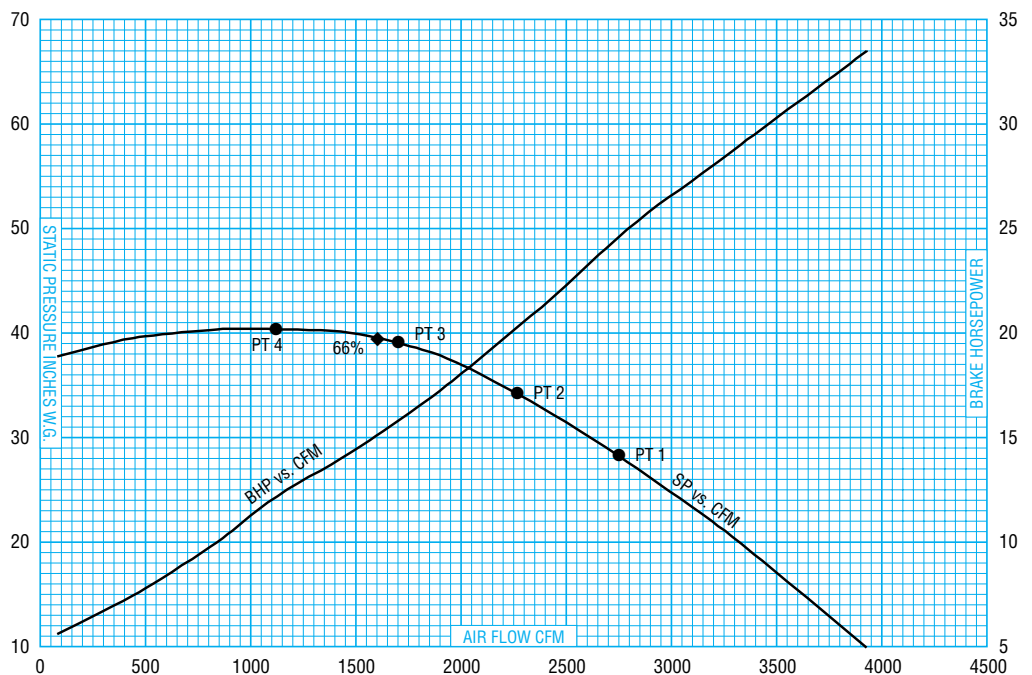
Model Number	PT	CFM	SP	Octave Band (Hz)								dBA @ 5'
				63	125	250	500	1000	2000	4000	8000	
AVP-5-08-23A TD-5025 3515 RPM	1	2690	25	91	102	105	109	104	101	95	90	100
	2	2210	32	90	100	104	104	102	99	93	88	97
	3	1720	37.5	91	100	100	102	97	95	91	87	94
	4	1025	39.9	93	102	99	97	95	93	89	86	90

TD-5026/MODEL AVP-5

10" INLET, 6" OUTLET
 3515 RPM, .075 DENSITY @ INLET
 IV = CFM/.5454, OV = CFM/.1963

KEY TO GRAPH:

- = MODEL AVP-5-10-23A
- ◆ = PEAK STATIC EFFICIENCY
- = OCTAVE BAND PT.



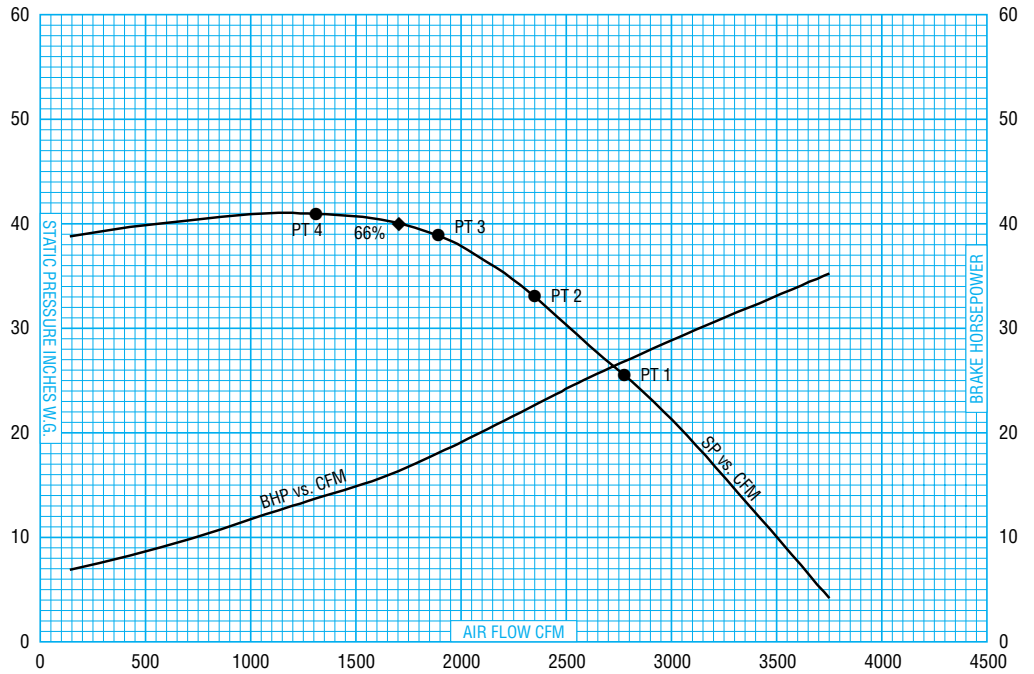
Model Number	PT	CFM	SP	Octave Band (Hz)								dBA @ 5'
				63	125	250	500	1000	2000	4000	8000	
AVP-5-10-23A TD-5026 3515 RPM	1	2750	28	93	105	105	109	103	100	94	89	100
	2	2260	34	92	104	104	105	100	98	92	88	96
	3	1700	39	93	103	101	101	97	95	91	87	93
	4	1125	40.2	94	104	100	99	95	94	90	87	91

TD-5027/MODEL AVP-6

6" INLET, 8" OUTLET
 3515 RPM, .075 DENSITY @ INLET
 IV = CFM/.1963, OV = CFM/.3491

KEY TO GRAPH:

- = MODEL AVP-6-06-23A
- ◆ = PEAK STATIC EFFICIENCY
- = OCTAVE BAND PT.



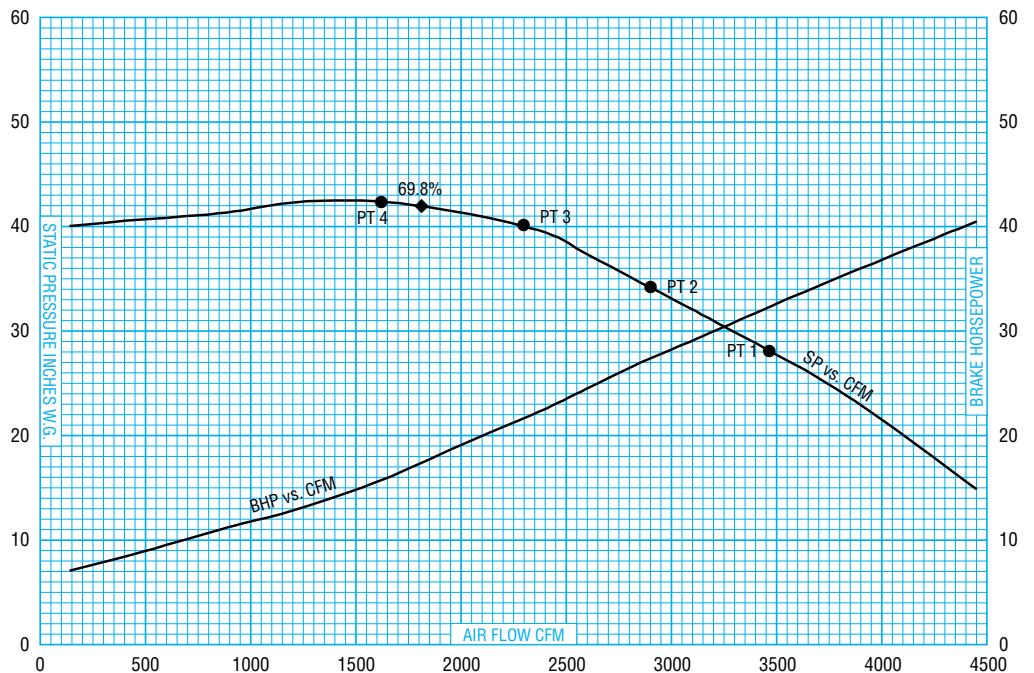
Model Number	PT	CFM	SP	Octave Band (Hz)								dBA @ 5'
				63	125	250	500	1000	2000	4000	8000	
AVP-6-06-23B TD-5027 3515 RPM	1	2760	26	92	101	106	109	106	104	97	92	102
	2	2350	33	90	100	103	105	103	101	95	89	99
	3	1900	39	90	98	101	101	100	98	93	88	95
	4	1320	41	92	98	101	100	97	96	92	88	93

TD-5028/MODEL AVP-6

8" INLET, 8" OUTLET
 3515 RPM, .075 DENSITY @ INLET
 IV = CFM/.3491, OV = CFM/.3491

KEY TO GRAPH:

- = MODEL AVP-6-08-23B
- ◆ = PEAK STATIC EFFICIENCY
- = OCTAVE BAND PT.



Model Number	PT	CFM	SP	Octave Band (Hz)								dBA @ 5'
				63	125	250	500	1000	2000	4000	8000	
AVP-6-08-23B TD-5028 3515 RPM	1	3490	28	93	103	108	108	106	104	98	92	102
	2	2900	34	91	102	107	107	105	103	96	91	100
	3	2300	40	91	101	103	104	102	100	95	90	98
	4	1625	42.5	92	101	101	101	100	98	93	88	95

TD-5029/MODEL AVP-6

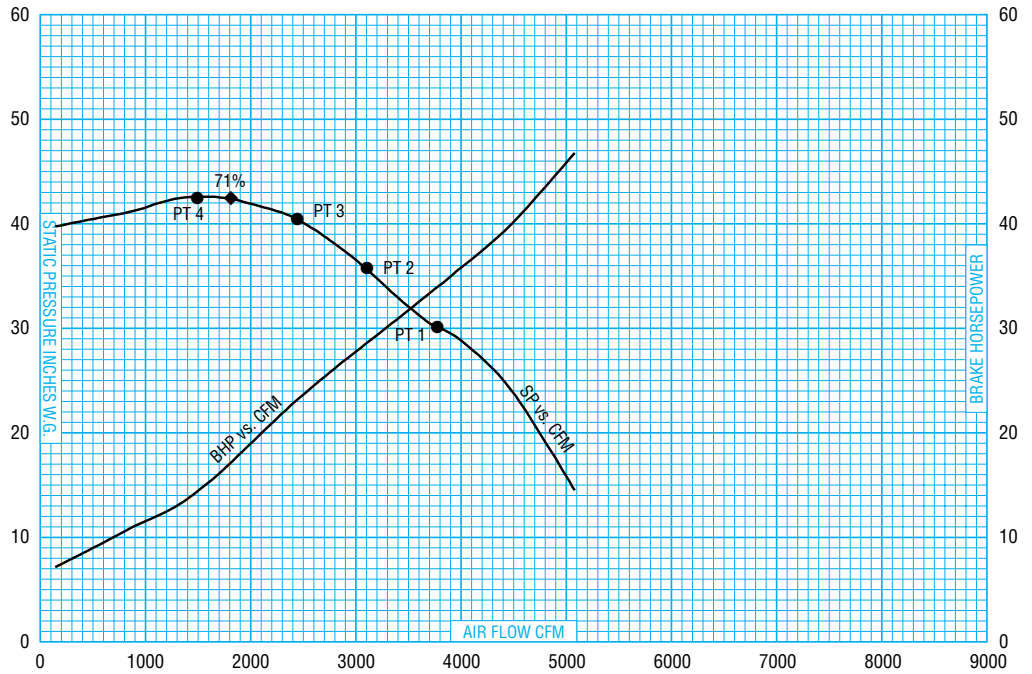
10" INLET, 8" OUTLET
3515 RPM, .075 DENSITY @ INLET
IV = CFM/.5454, OV = CFM/.3491

KEY TO GRAPH:

— = MODEL AVP-6-10-23B

◆ = PEAK STATIC EFFICIENCY

● = OCTAVE BAND PT.



Model Number	PT	CFM	SP	Octave Band (Hz)								dBA @ 5'
				63	125	250	500	1000	2000	4000	8000	
AVP-6-10-23B TD-5029 3515 RPM	1	3800	30	97	106	110	111	107	105	98	92	103
	2	3100	35.5	95	105	108	108	105	103	96	91	101
	3	2400	40.5	95	106	106	104	102	100	95	90	97
	4	1500	42.4	96	107	103	101	99	98	93	88	95

CV-02015/MODEL OVP-7

8" INLET, 8" OUTLET
3550 RPM, .075 DENSITY @ INLET
IV = CFM/.3491, OV = CFM/.3491

KEY TO GRAPH:

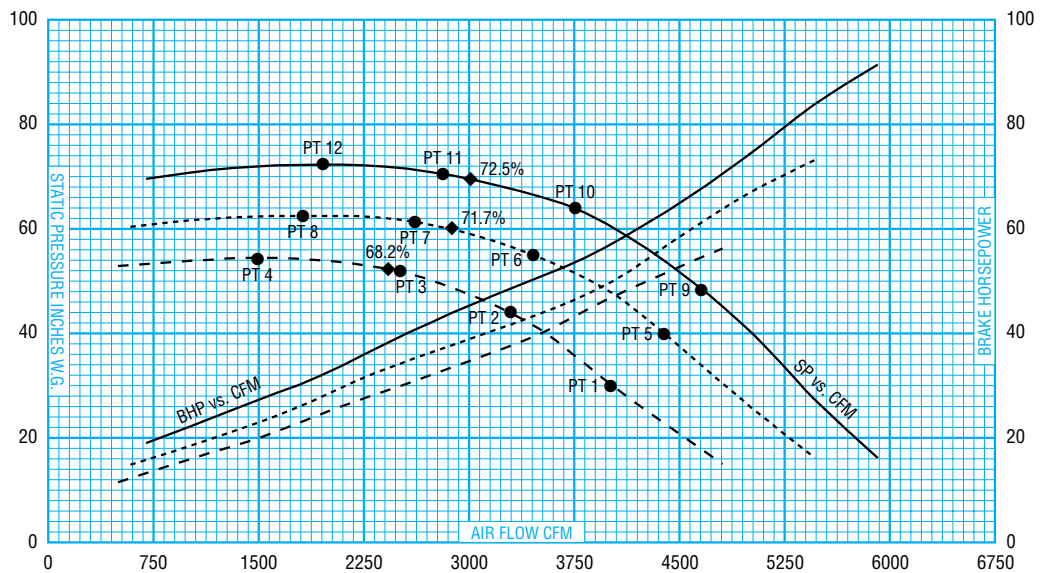
— = MODEL OVP-7-08-30.0A

--- = MODEL OVP-7-08-28.0A

- - - = MODEL OVP-7-08-26.5A

◆ = PEAK STATIC EFFICIENCY

● = OCTAVE BAND PT.



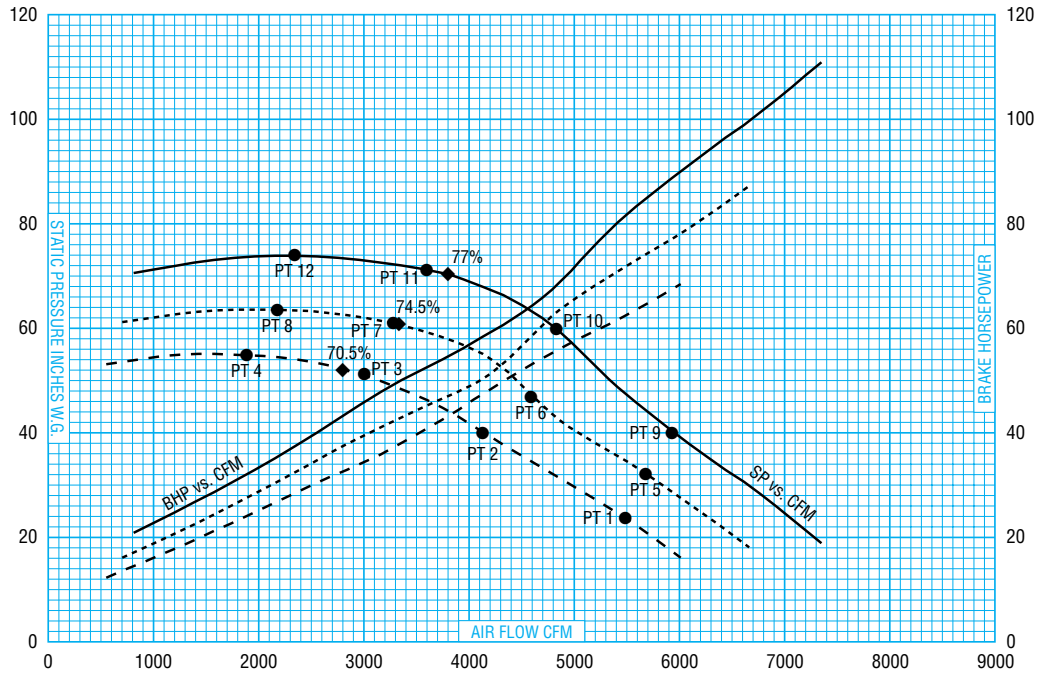
Model Number	PT	CFM	SP	Octave Band (Hz)								dBA @ 5'
				63	125	250	500	1000	2000	4000	8000	
OVP-7-08-26.5A CV-02015 3550 RPM	1	4000	30.47	83	104	107	108	107	105	99	93	103
	2	3300	43.88	83	102	104	105	104	102	96	91	100
	3	2500	51.87	82	97	101	101	100	98	93	87	96
	4	1495	54.43	85	99	94	96	94	92	88	83	90
OVP-7-08-28A CV-02015 3550 RPM	5	4400	40.06	105	105	108	109	107	106	100	95	103
	6	3500	54.59	106	105	105	106	104	103	97	91	101
	7	2600	61.36	105	105	104	103	102	100	95	92	97
	8	1731	62.48	105	105	101	100	98	97	92	90	95
OVP-7-08-30A CV-02015 3550 RPM	9	4700	47.56	111	110	109	110	109	107	102	97	105
	10	3700	64.33	111	109	107	108	106	105	99	96	102
	11	2800	70.66	111	109	105	105	104	102	97	95	100
	12	1944	72.36	111	109	104	103	100	99	96	97	97

CV-02016/MODEL OVP-7

10" INLET, 8" OUTLET
 3550 RPM, .075 DENSITY @ INLET
 IV = CFM/.5454, OV = CFM/.3491

KEY TO GRAPH:

- = MODEL OVP-7-10-30.0A
- - - = MODEL OVP-7-10-28.0A
- - - = MODEL OVP-7-10-26.5A
- ◆ = PEAK STATIC EFFICIENCY
- = OCTAVE BAND PT.



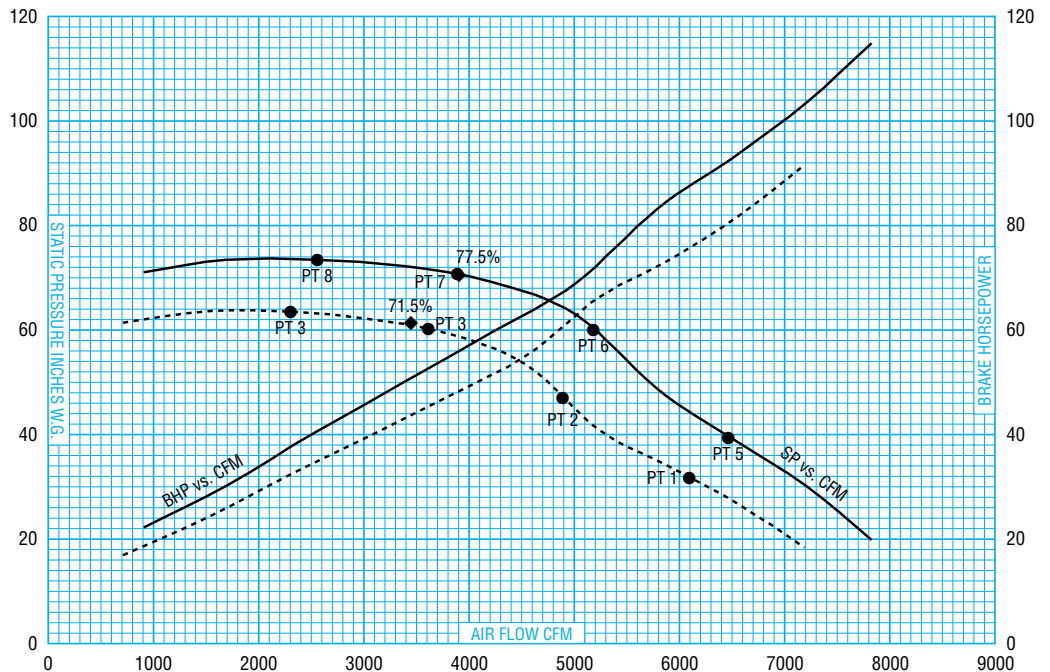
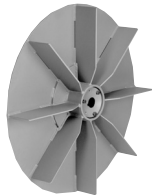
Model Number	PT	CFM	SP	Octave Band (Hz)								dBA @ 5'
				63	125	250	500	1000	2000	4000	8000	
OVP-7-10-26.5A CV-02016 3550 RPM	1	5466	24.00	105	107	110	112	111	107	107	102	97
	2	4200	39.55	105	106	107	109	107	104	104	99	93
	3	300	51.09	105	105	105	105	103	101	101	95	91
	4	1898	54.88	105	105	101	100	98	97	97	92	89
OVP-7-10-28A CV-02016 3550 RPM	5	6373	24.00	105	108	118	116	111	105	104	100	108
	6	4600	48.14	107	107	114	112	107	101	100	96	104
	7	3300	60.89	108	107	110	109	104	99	98	94	101
	8	2154	63.54	108	107	107	105	101	95	94	92	98
OVP-7-10-30A CV-02016 3550 RPM	9	5963	40.00	111	111	112	117	112	110	104	100	107
	10	4840	60.00	113	112	109	112	108	107	102	99	105
	11	3600	71.05	115	114	109	109	106	105	100	98	102
	12	2367	73.86	107	107	104	105	102	100	96	93	98

CV-02017/MODEL OVP-7

12" INLET, 8" OUTLET
 3550 RPM, .075 DENSITY @ INLET
 IV = CFM/.7854, OV = CFM/.3491

KEY TO GRAPH:

- = MODEL OVP-7-12-30.0A
- - - = MODEL OVP-7-12-28.0B
- ◆ = PEAK STATIC EFFICIENCY
- = OCTAVE BAND PT.



Model Number	PT	CFM	SP	Octave Band (Hz)								dBA @ 5'
				63	125	250	500	1000	2000	4000	8000	
OVP-7-12-28A CV-02017 3550 RPM	1	6074	32.00	107	109	111	108	111	108	103	99	106
	2	4900	47.75	108	108	108	103	108	106	101	96	104
	3	3618	60.00	107	108	106	109	105	104	98	94	101
	4	2318	63.44	107	108	103	107	101	100	95	92	98
OVP-7-12-30A CV-02017 3550 RPM	5	6433	40.00	114	113	113	119	112	110	104	101	108
	6	5200	60.28	115	113	110	114	109	107	102	99	105
	7	3900	70.45	112	110	108	111	106	105	100	97	103
	8	2546	73.40	112	110	106	110	103	102	97	95	100

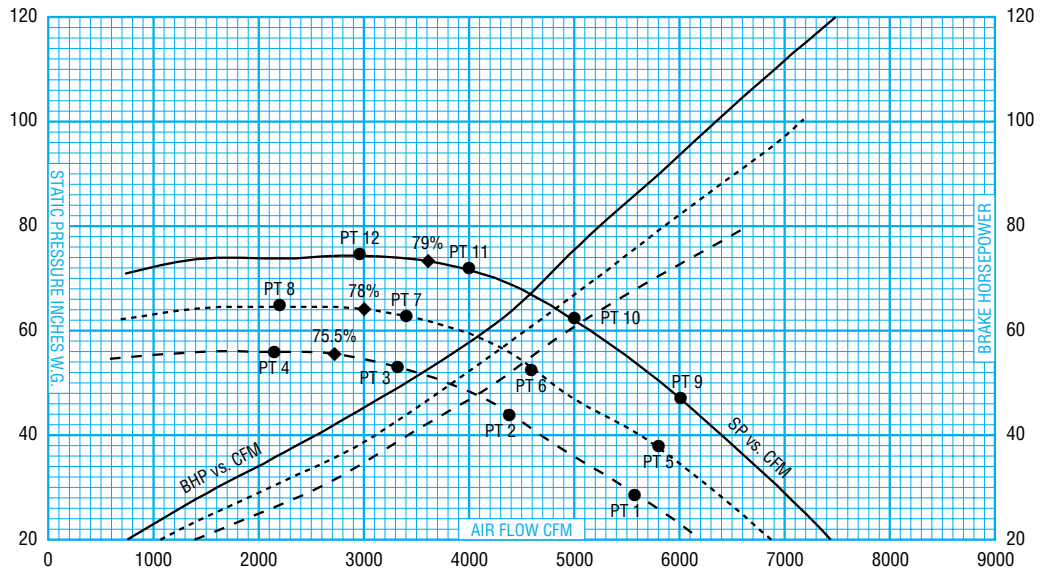
CV-02018/MODEL OVP-8

8" INLET, 8" OUTLET
 3550 RPM, .075 DENSITY @ INLET
 IV = CFM/.3491, OV = CFM/.3491

KEY TO GRAPH:

- = MODEL OVP-8-08-30.0B
- - - = MODEL OVP-8-08-28.0B
- - - = MODEL OVP-8-08-26.5B

- ◆ = PEAK STATIC EFFICIENCY
- = OCTAVE BAND PT.



Model Number	PT	CFM	SP	Octave Band (Hz)								dBA @ 5'
				63	125	250	500	1000	2000	4000	8000	
OVP-8-08-26.5B CV-02018 3550 RPM	1	5600	28.29	105	106	109	113	109	106	101	97	106
	2	4396	44.00	106	106	106	111	107	104	99	95	104
	3	3300	53.05	107	106	102	106	103	101	97	93	99
	4	2129	55.82	107	106	99	101	99	96	93	91	94
OVP-8-08-28B CV-02018 3550 RPM	5	5800	37.48	106	104	100	105	110	107	103	98	105
	6	4600	52.95	106	104	99	104	110	106	102	97	107
	7	3400	62.61	105	105	102	105	105	102	98	95	102
	8	2191	64.39	105	105	100	103	102	99	96	93	97
OVP-8-08-30B CV-02018 3550 RPM	9	6000	47.03	106	107	108	117	110	109	104	99	107
	10	5000	61.99	106	107	106	113	109	107	102	99	105
	11	4000	71.44	106	106	104	110	107	105	101	98	103
	12	2949	74.19	105	105	100	105	103	100	97	94	98

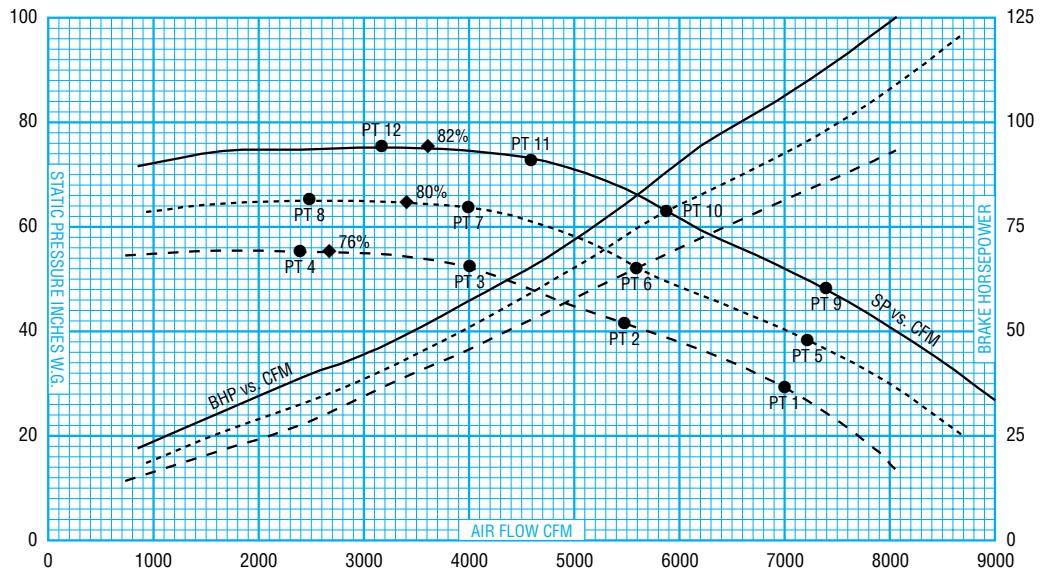
CV-02019/MODEL OVP-8

10" INLET, 8" OUTLET
 3550 RPM, .075 DENSITY @ INLET
 IV = CFM/.5454, OV = CFM/.3491

KEY TO GRAPH:

- = MODEL OVP-8-10-30.0B
- - - = MODEL OVP-8-10-28.0B
- - - = MODEL OVP-8-10-26.5B

- ◆ = PEAK STATIC EFFICIENCY
- = OCTAVE BAND PT.



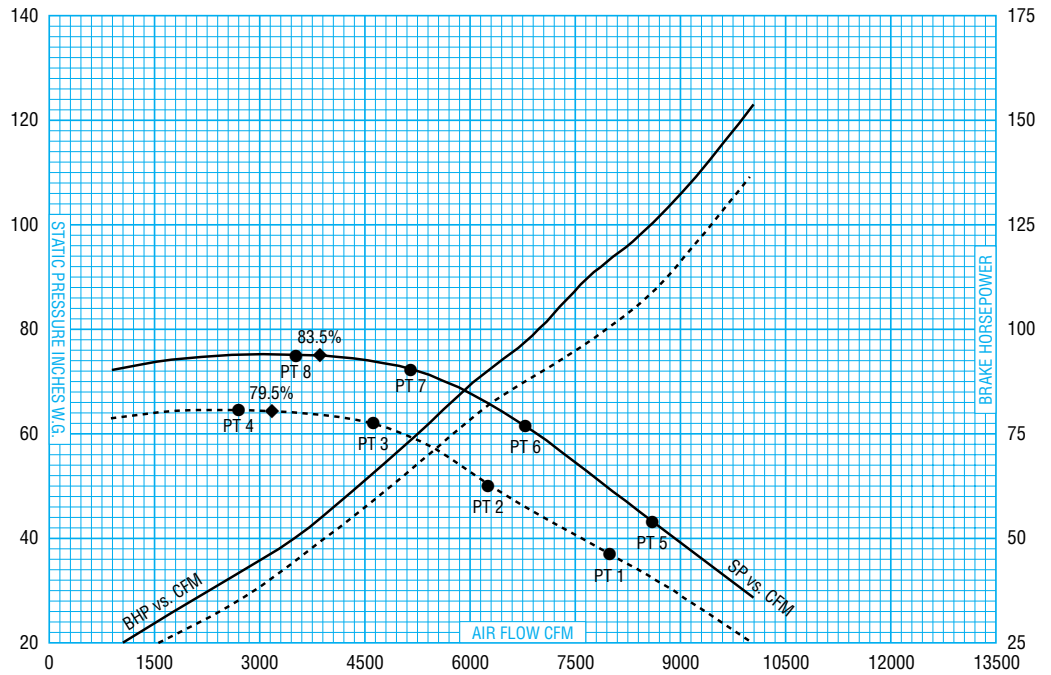
Model Number	PT	CFM	SP	Octave Band (Hz)								dBA @ 5'
				63	125	250	500	1000	2000	4000	8000	
OVP-8-10-26.5B CV-02019 3550 RPM	1	7000	29.27	106	109	111	113	109	106	101	96	106
	2	5500	41.41	106	108	108	112	108	106	101	96	103
	3	4000	52.18	105	106	103	107	104	102	98	94	100
	4	2437	55.18	106	106	100	103	101	98	94	92	96
OVP-8-10-28B CV-02019 3550 RPM	5	7200	38.50	106	111	110	120	112	108	104	99	109
	6	5600	52.60	109	110	110	117	110	108	104	99	106
	7	4000	63.68	109	108	105	108	106	104	99	96	101
	8	2554	64.98	109	108	102	105	103	100	97	94	98
OVP-8-10-30B CV-02019 3550 RPM	9	7400	47.98	115	113	111	120	114	110	105	101	110
	10	5900	63.22	115	113	110	118	113	109	105	101	110
	11	4600	73.03	114	113	108	112	110	107	103	100	105
	12	3150	75.25	115	113	107	108	106	103	100	99	102

CV-02020/MODEL OVP-8

12" INLET, 8" OUTLET
 3550 RPM, .075 DENSITY @ INLET
 IV = CFM/.7854, OV = CFM/.3491

KEY TO GRAPH:

- = MODEL OVP-8-12-30.0B
- - - = MODEL OVP-8-12-28.0B
- ◆ = PEAK STATIC EFFICIENCY
- = OCTAVE BAND PT.



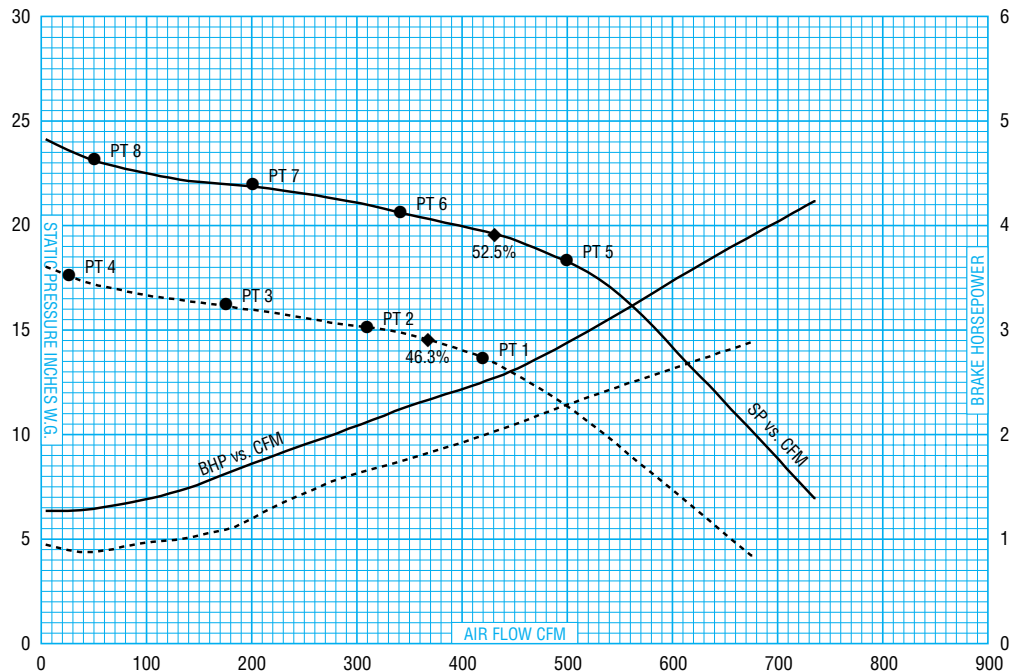
Model Number	PT	CFM	SP	Octave Band (Hz)								dBA @ 5'
				63	125	250	500	1000	2000	4000	8000	
OVP-8-12-28B CV-02020 3550 RPM	1	8000	36.92	107	110	110	121	112	108	104	99	111
	2	6200	51.06	107	109	108	118	111	108	104	99	106
	3	4600	62.01	107	108	105	112	108	104	100	97	104
	4	2774	64.57	108	108	102	106	103	101	97	94	99
OVP-8-12-30B CV-02020 3550 RPM	5	8600	43.18	105	108	108	118	112	110	105	100	108
	6	6800	61.35	105	108	108	118	112	110	105	100	108
	7	5200	72.21	105	108	108	118	112	110	105	100	108
	8	3497	75.09	105	106	103	108	107	103	99	96	104

TD-5483/MODEL 1N

4" INLET, 4" OUTLET
 3450 RPM, .075 DENSITY @ INLET
 IV = CFM/.0873, OV = CFM/.0873

KEY TO GRAPH:

- = MODEL 1N-04-18.5N
- - - = MODEL 1N-04-16N
- ◆ = PEAK STATIC EFFICIENCY
- = OCTAVE BAND PT.



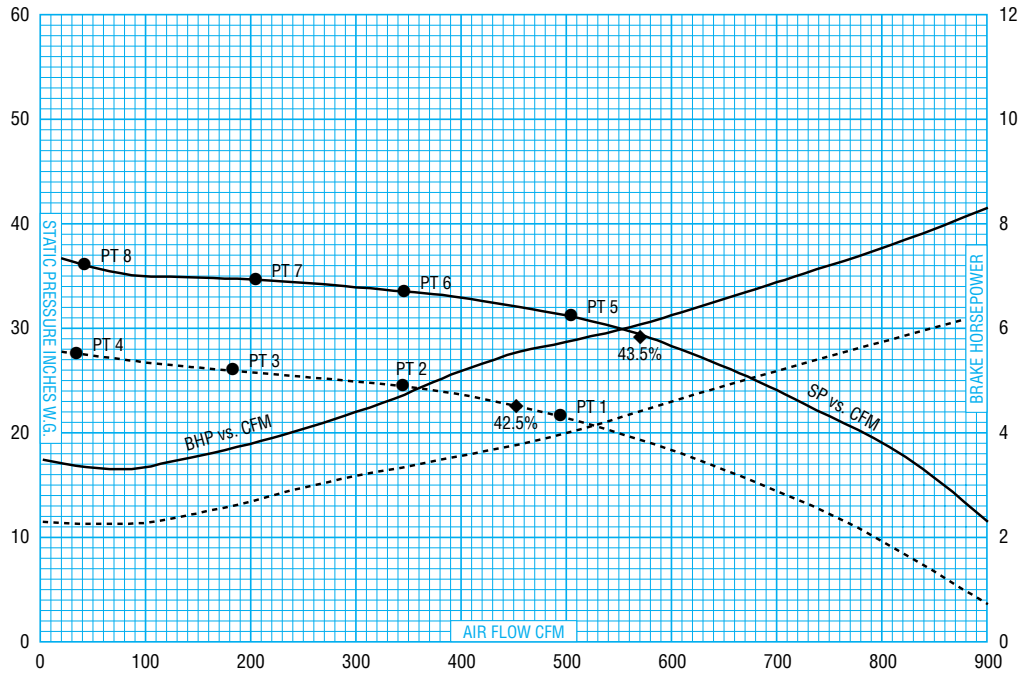
Model Number	PT	CFM	SP	Octave Band (Hz)								dBA @ 5'
				63	125	250	500	1000	2000	4000	8000	
1N-04-16N TD-5483 3450 RPM	1	422	13.5	87	91	96	95	91	88	85	78	87
	2	312	15	87	90	96	95	90	86	84	78	86
	3	177	16	89	97	96	95	90	86	83	78	86
	4	25	17.5	87	95	96	95	89	86	83	81	86
1N-04-18.5N TD-5483 3450 RPM	5	501	18.5	85	89	96	95	91	90	87	78	87
	6	340	20.5	84	89	96	95	91	88	85	78	87
	7	200	21.75	92	94	96	95	91	87	84	78	87
	8	51	23	86	96	96	95	91	87	84	78	87

TD-5485/MODEL 3N

4" INLET, 4" OUTLET
 3515 RPM, .075 DENSITY @ INLET
 IV = CFM/.0873, OV = CFM/.0873

KEY TO GRAPH:

- = MODEL 3N-04-22.5N
- - - = MODEL 3N-04-20N
- ◆ = PEAK STATIC EFFICIENCY
- = OCTAVE BAND PT.



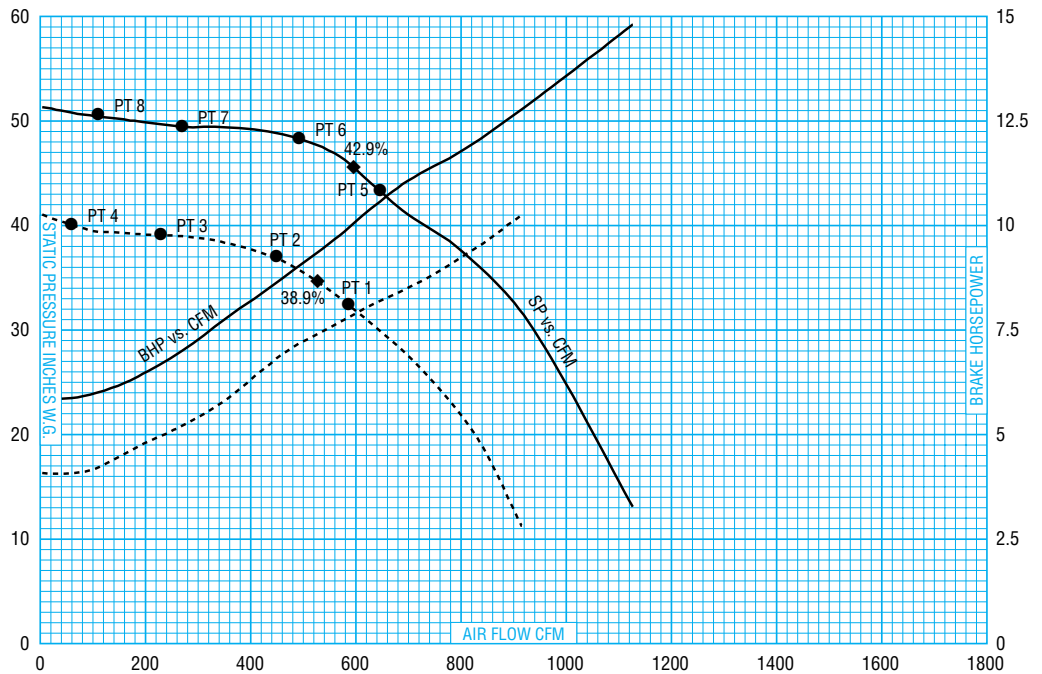
Model Number	PT	CFM	SP	Octave Band (Hz)								dBA @ 5'
				63	125	250	500	1000	2000	4000	8000	
3N-04-20N TD-5485 3515 RPM	1	497	21.5	89	97	99	97	93	90	88	81	89
	2	343	24.5	86	97	100	97	92	89	86	81	88
	3	183	25.9	93	105	100	97	93	88	86	80	88
	4	34	27.6	89	102	100	97	92	88	85	80	88
3N-04-22.5N TD-5485 3515 RPM	5	504	31	88	102	99	97	94	91	88	83	89
	6	347	33.5	93	103	99	96	94	91	87	82	89
	7	208	34.6	91	105	99	96	93	91	86	81	88
	8	48	35.9	89	106	99	96	94	90	86	81	89

TD-5486/MODEL 5N

4" INLET, 4" OUTLET
 3515 RPM, .075 DENSITY @ INLET
 IV = CFM/.0873, OV = CFM/.0873

KEY TO GRAPH:

- = MODEL 5N-04-26.5N
- - - = MODEL 5N-04-24N
- ◆ = PEAK STATIC EFFICIENCY
- = OCTAVE BAND PT.



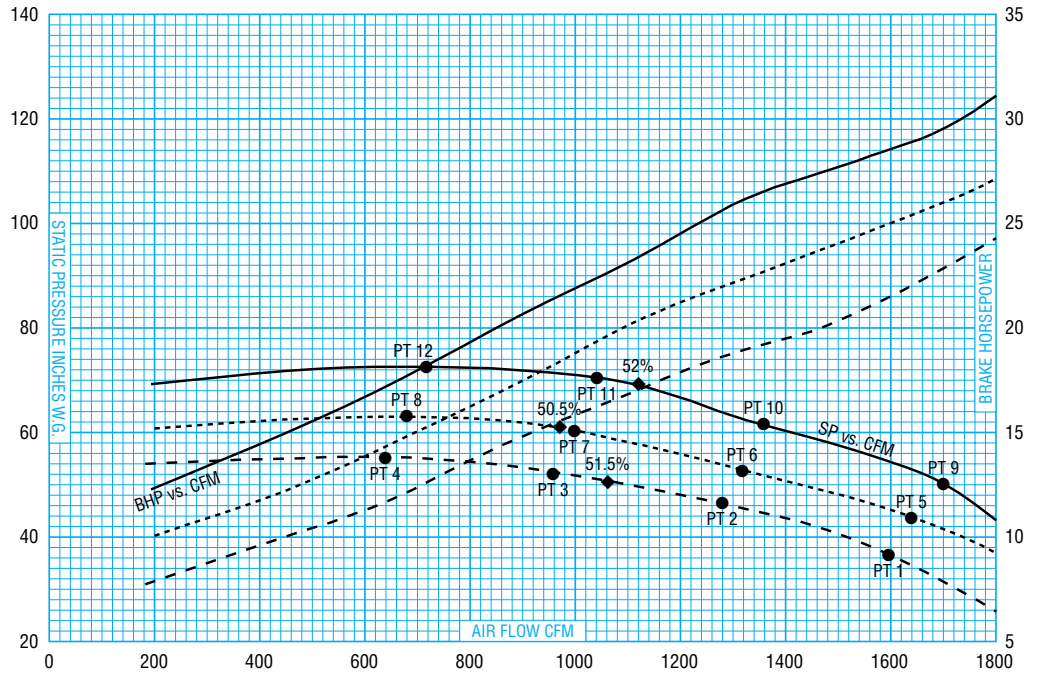
Model Number	PT	CFM	SP	Octave Band (Hz)								dBA @ 5'
				63	125	250	500	1000	2000	4000	8000	
5N-04-24N TD-5486 3515 RPM	1	598	32	87	93	97	96	93	93	92	86	90
	2	447	37	87	91	98	96	92	91	90	85	89
	3	240	39.1	88	94	98	96	92	90	88	85	88
	4	62	40	88	100	98	96	92	90	88	85	88
5N-04-26.5N TD-5486 3515 RPM	5	650	43	86	94	99	97	94	94	93	86	91
	6	490	48.5	87	96	99	97	93	91	90	85	89
	7	270	49.5	88	97	99	97	93	91	89	85	89
	8	106	50.5	89	102	99	97	93	91	89	85	89

CV-02021/MODEL 7N

6" INLET, 6" OUTLET
 3550 RPM, .075 DENSITY @ INLET
 IV = CFM/.1963, OV = CFM/.1963

KEY TO GRAPH:

- = MODEL 7N-06-31.5N
- - - = MODEL 7N-06-29.8N
- - - = MODEL 7N-06-28.1N
- ◆ = PEAK STATIC EFFICIENCY
- = OCTAVE BAND PT.



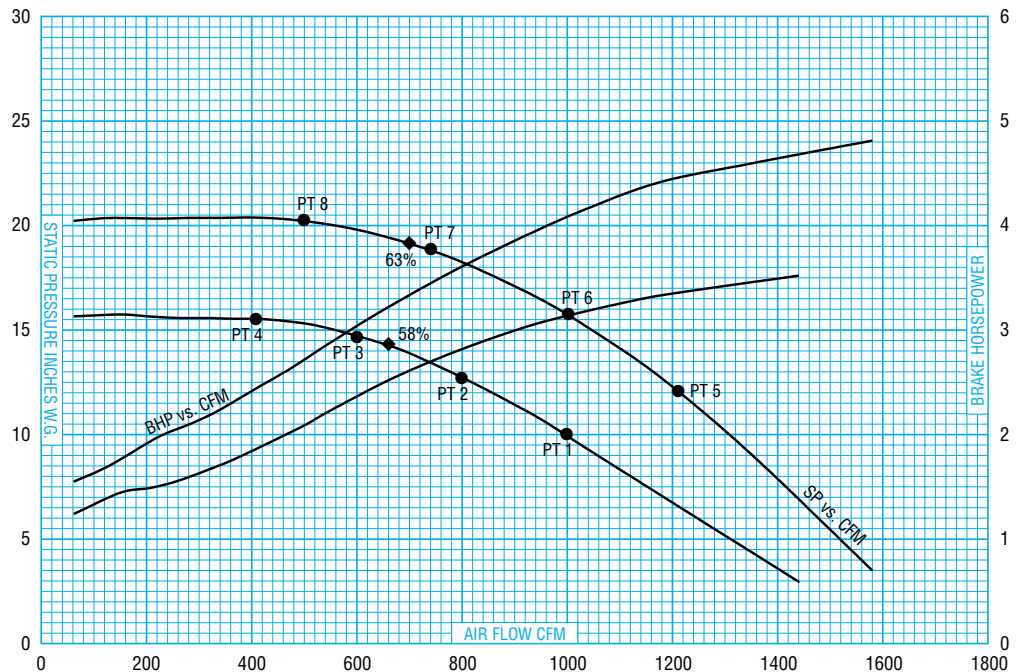
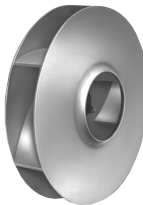
Model Number	PT	CFM	SP	Octave Band (Hz)								dBA @ 5'
				63	125	250	500	1000	2000	4000	8000	
7N-06-28.1N CV-02021 3550 RPM	1	1600	36.54	107	105	100	100	98	99	96	92	97
	2	1280	46.46	107	105	100	100	96	97	94	91	95
	3	960	52.56	107	105	100	99	95	94	91	90	93
	4	640	55.41	107	105	99	98	94	93	90	89	92
7N-06-29.8N CV-02021 3550 RPM	5	1640	43.80	111	108	103	100	99	100	98	94	99
	6	1320	52.81	110	108	103	100	98	98	95	93	96
	7	1000	60.50	92	100	96	97	95	95	91	88	93
	8	686	62.98	77	93	91	94	93	93	89	83	91
7N-06-31.5N CV-02021 3550 RPM	9	1700	49.86	79	94	95	98	100	100	97	90	98
	10	1360	61.38	79	94	94	97	99	98	94	87	96
	11	1040	70.42	79	95	92	96	98	95	92	86	93
	12	720	72.56	79	95	91	95	97	94	91	85	92

TD-5030/MODEL BC-1

6" INLET, 5" OUTLET
 3450 RPM, .075 DENSITY @ INLET
 IV = CFM/.1963, OV = CFM/.1364

KEY TO GRAPH:

- = MODEL BC-1-06-18A
- - - = MODEL BC-1-06-16A
- ◆ = PEAK STATIC EFFICIENCY
- = OCTAVE BAND PT.



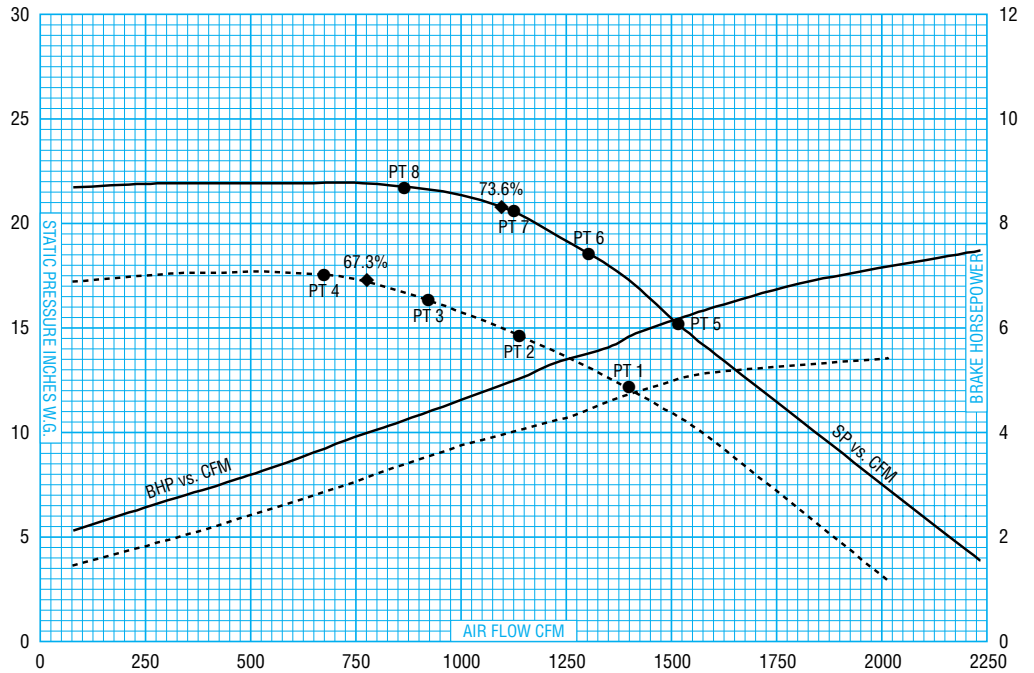
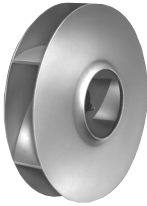
Model Number	PT	CFM	SP	Octave Band (Hz)								dBA @ 5'
				63	125	250	500	1000	2000	4000	8000	
BC-1-06-16A TD-5030 3450 RPM	1	1000	10	87	89	96	96	91	88	85	80	87
	2	800	13	86	90	96	96	90	87	83	79	87
	3	600	15	87	92	96	96	90	87	82	79	87
	4	400	15.8	87	95	96	96	90	87	82	79	87
BC-1-06-18A TD-5030 3450 RPM	5	1200	12.5	89	101	95	96	89	86	83	80	86
	6	992	16	87	96	95	96	91	88	83	80	87
	7	749	19	86	92	95	96	92	89	83	80	88
	8	500	20.5	93	92	95	96	85	82	83	80	90

TD-5031/MODEL BC-2

6" INLET, 6" OUTLET
 3450 RPM, .075 DENSITY @ INLET
 IV = CFM/.1963, OV = CFM/.1963

KEY TO GRAPH:

- = MODEL BC-2-06-18B
- - - = MODEL BC-2-06-16B
- ◆ = PEAK STATIC EFFICIENCY
- = OCTAVE BAND PT.



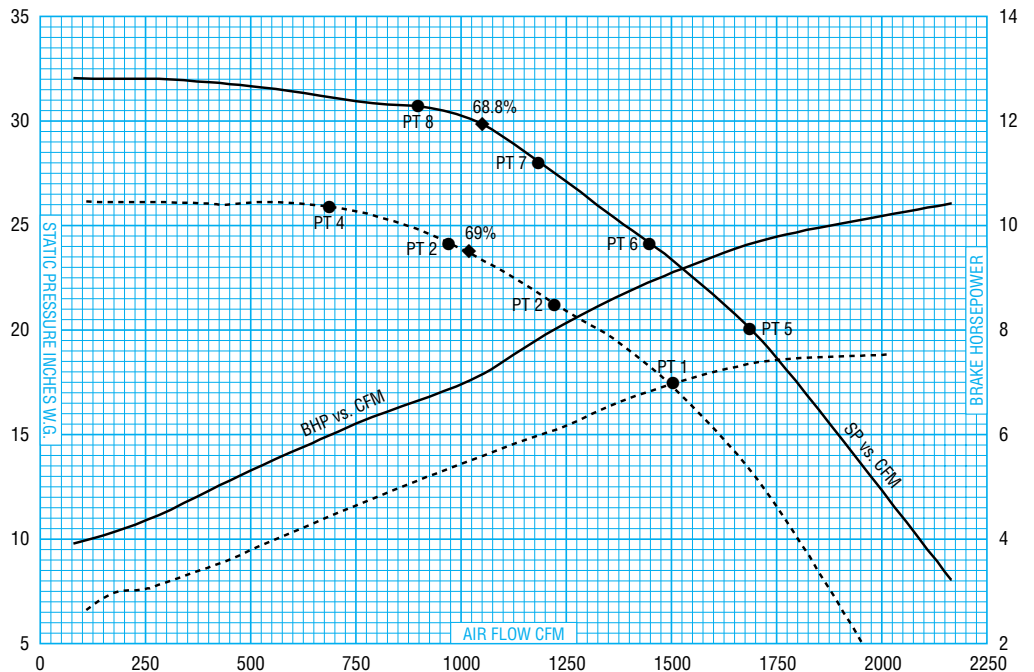
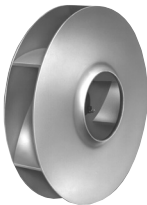
Model Number	PT	CFM	SP	Octave Band (Hz)								dBA @ 5'
				63	125	250	500	1000	2000	4000	8000	
BC-2-06-16B TD-5031 3450 RPM	1	1400	12	89	94	98	98	93	90	85	80	89
	2	1150	14.5	88	94	97	97	92	89	84	80	88
	3	925	16.2	88	94	97	97	91	88	83	80	87
	4	675	17.5	90	95	97	97	90	87	83	79	87
BC-2-06-18B TD-5031 3450 RPM	5	1518	15	89	97	97	97	95	89	86	81	90
	6	1300	18.5	88	95	98	98	94	90	85	81	90
	7	1125	20.5	87	94	99	99	93	91	84	81	90
	8	850	21.7	88	93	100	100	94	92	84	81	91

TD-5032/MODEL BC-3

6" INLET, 6" OUTLET
 3515 RPM, .075 DENSITY @ INLET
 IV = CFM/.1963, OV = CFM/.1963

KEY TO GRAPH:

- = MODEL BC-3-06-22A
- - - = MODEL BC-3-06-20A
- ◆ = PEAK STATIC EFFICIENCY
- = OCTAVE BAND PT.



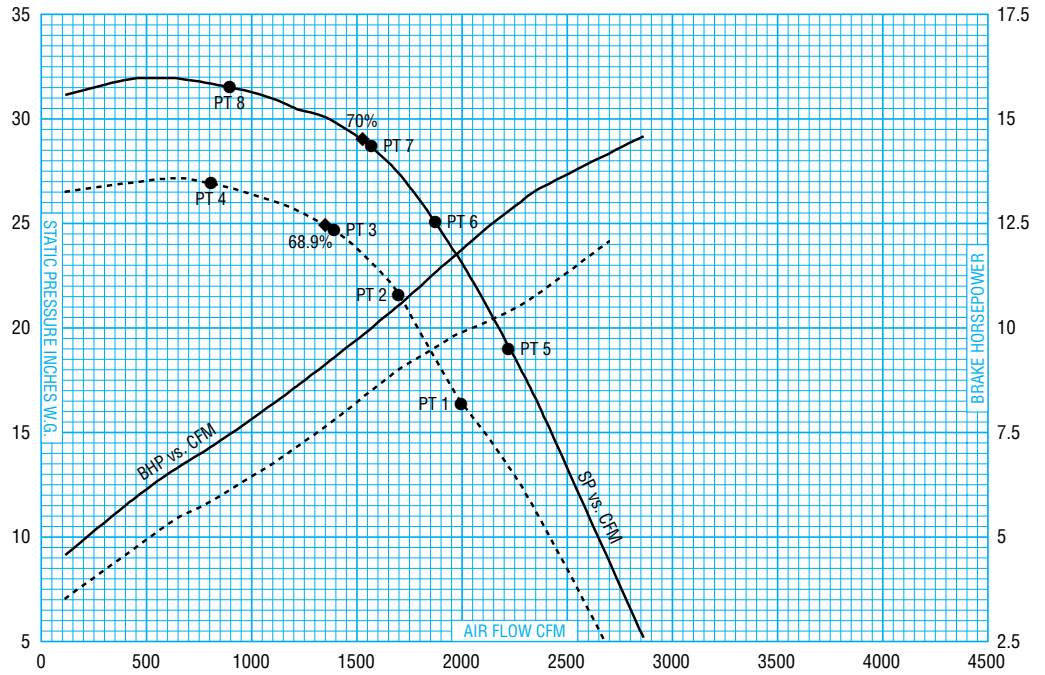
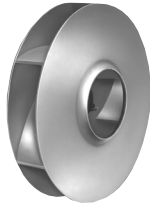
Model Number	PT	CFM	SP	Octave Band (Hz)								dBA @ 5'
				63	125	250	500	1000	2000	4000	8000	
BC-3-06-20A TD-5032 3515 RPM	1	1480	17.5	87	98	98	98	96	92	87	82	91
	2	1225	21	86	97	98	97	95	91	87	82	90
	3	975	24	85	97	98	97	94	90	87	82	89
	4	700	25.7	88	99	98	97	94	90	87	81	89
BC-3-06-22A TD-5032 3515 RPM	5	1675	20	86	96	100	100	96	93	88	86	91
	6	1450	24	84	95	99	98	95	92	88	86	90
	7	1190	27.7	84	93	98	97	95	91	88	86	90
	8	895	30.5	87	97	99	99	96	92	87	83	91

TD-5033/MODEL BC-4

6" INLET, 6" OUTLET
 3515 RPM, .075 DENSITY @ INLET
 IV = CFM/.1963, OV = CFM/.1963

KEY TO GRAPH:

- = MODEL BC-4-06-22B
- - - = MODEL BC-4-06-20B
- ◆ = PEAK STATIC EFFICIENCY
- = OCTAVE BAND PT.



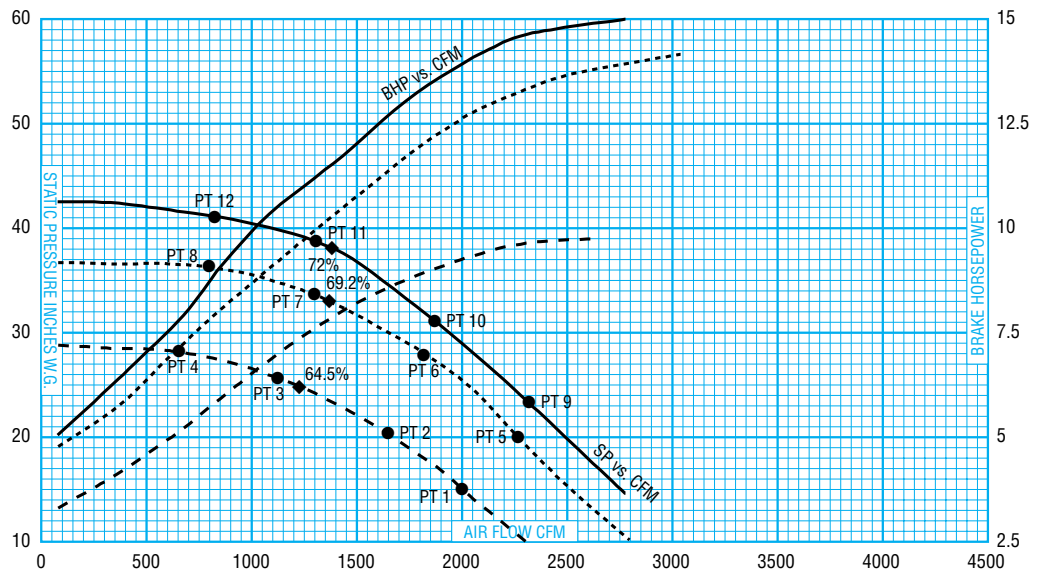
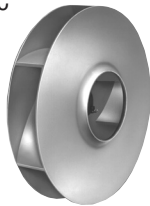
Model Number	PT	CFM	SP	Octave Band (Hz)								dBA @ 5'
				63	125	250	500	1000	2000	4000	8000	
BC-4-06-20B TD-5033 3515 RPM	1	2000	16.5	89	98	101	101	98	93	88	86	93
	2	1700	21.5	88	97	99	99	96	92	88	85	91
	3	1400	24.5	88	95	100	99	96	92	88	85	91
	4	800	27	90	95	100	99	94	91	87	85	90
BC-4-06-22B TD-5033 3515 RPM	5	2225	19	89	98	102	103	100	95	90	86	95
	6	1860	25	88	97	101	102	99	94	90	86	94
	7	1575	28.5	88	97	103	104	101	96	90	87	96
	8	900	31.5	88	97	105	106	102	96	90	87	97

TD-5034/MODEL BC-5

8" INLET, 6" OUTLET
 3515 RPM, .075 DENSITY @ INLET
 IV = CFM/.3491, OV = CFM/.1963

KEY TO GRAPH:

- = MODEL BC-5-08-26A
- - - = MODEL BC-5-08-24A
- - - = MODEL BC-5-08-22A
- ◆ = PEAK STATIC EFFICIENCY
- = OCTAVE BAND PT.



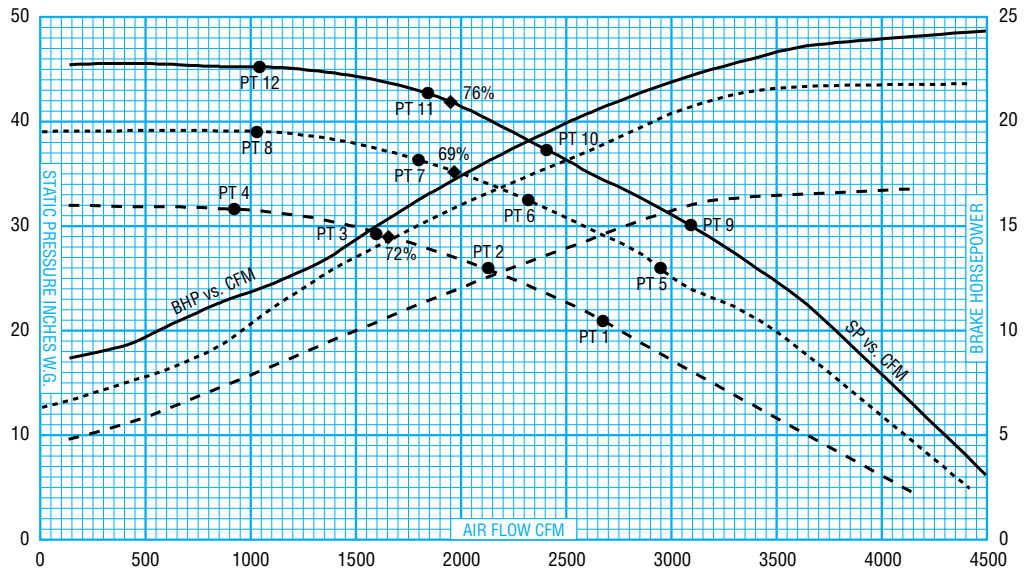
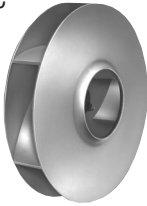
Model Number	PT	CFM	SP	Octave Band (Hz)								dBA @ 5'
				63	125	250	500	1000	2000	4000	8000	
BC-5-08-22A TD-5034 3515 RPM	1	2000	15	89	95	99	98	97	95	90	72	92
	2	1590	21	87	93	98	97	95	93	88	71	90
	3	1140	25.5	87	93	98	96	94	92	87	71	89
	4	670	28	84	94	97	95	96	91	87	70	88
BC-5-08-24A TD-5034 3515 RPM	5	2250	20	93	98	100	100	99	96	92	86	94
	6	1820	28	93	97	100	99	97	95	90	86	92
	7	1300	33.5	92	97	99	98	96	94	90	86	91
	8	845	36	93	97	99	98	95	92	88	85	90
BC-5-08-26A TD-5034 3515 RPM	9	2325	23	87	104	103	100	98	98	92	89	94
	10	1860	31	87	97	102	100	98	97	92	88	94
	11	1325	38.5	87	94	101	100	98	96	91	87	93
	12	825	41	88	96	102	102	97	95	91	86	93

TD-5035/MODEL BC-6

8" INLET, 8" OUTLET
 3515 RPM, .075 DENSITY @ INLET
 IV = CFM/.3491, OV = CFM/.3491

KEY TO GRAPH:

- = MODEL BC-6-08-26B
- - - = MODEL BC-6-08-24B
- · - · - = MODEL BC-6-08-22B
- ◆ = PEAK STATIC EFFICIENCY
- = OCTAVE BAND PT.



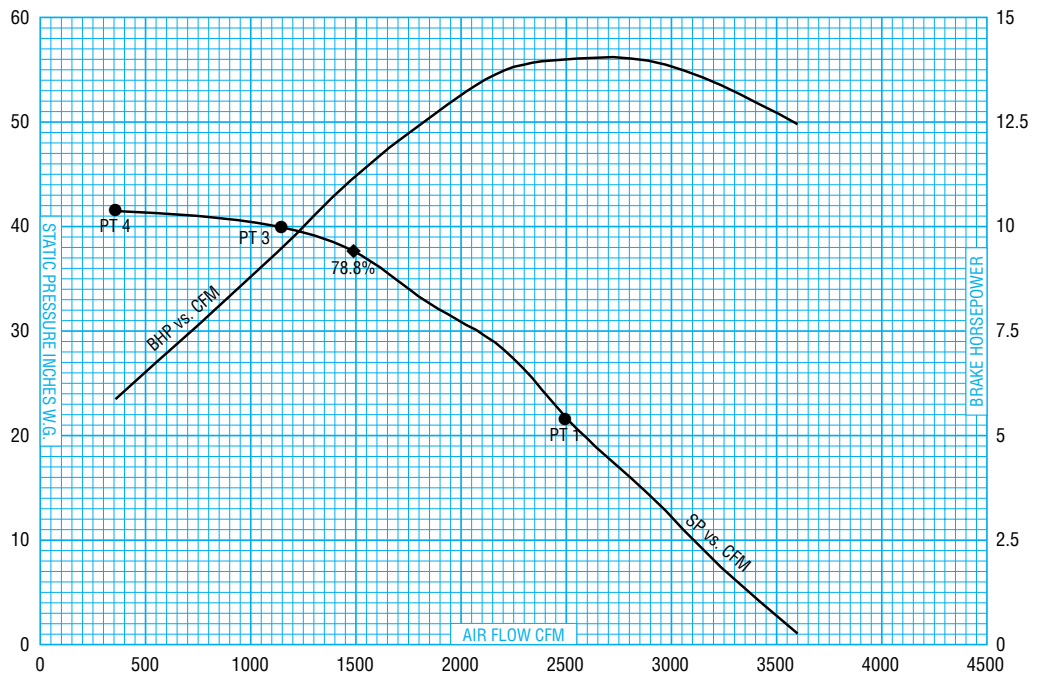
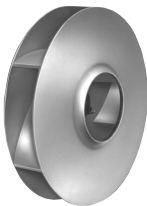
Model Number	PT	CFM	SP	Octave Band (Hz)								dBA @ 5'
				63	125	250	500	1000	2000	4000	8000	
BC-6-08-22B TD-5035 3515 RPM	1	2710	20	92	102	104	103	101	98	93	88	96
	2	2110	25.5	89	97	101	100	99	97	92	87	94
	3	1575	29	90	99	99	98	97	95	91	86	92
	4	950	31	92	103	99	97	96	93	90	85	91
BC-6-08-24B TD-5035 3515 RPM	5	2950	26	91	101	106	105	101	99	94	91	97
	6	2310	32	90	102	103	103	100	98	93	90	96
	7	1800	36	90	101	102	101	98	96	92	89	94
	8	1025	38.7	92	103	103	102	96	94	91	88	92
BC-6-08-26B TD-5035 3515 RPM	9	3050	30	90	98	106	106	102	101	95	91	98
	10	2400	37	87	98	103	103	101	100	94	91	97
	11	1850	42	86	98	101	101	99	99	93	90	96
	12	1050	44.9	92	105	100	100	98	96	91	90	94

CV-02009/MODEL BC-7

8" INLET, 8" OUTLET
 3550 RPM, .075 DENSITY @ INLET
 IV = CFM/.3491, OV = CFM/.3491

KEY TO GRAPH:

- = MODEL BC-7-08-26A
- ◆ = PEAK STATIC EFFICIENCY
- = OCTAVE BAND PT.

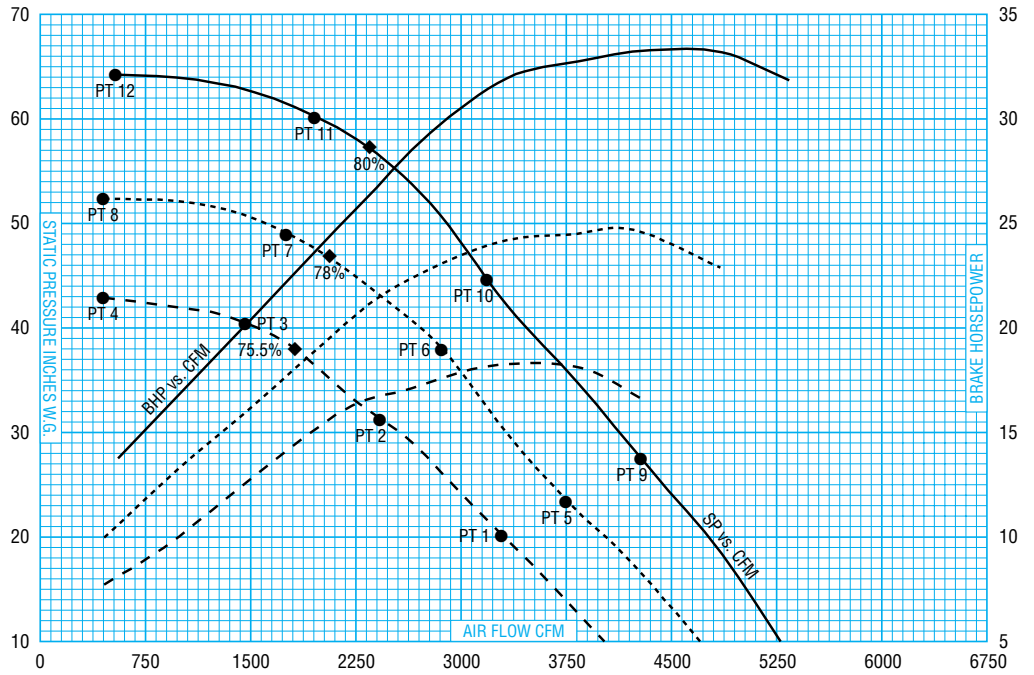
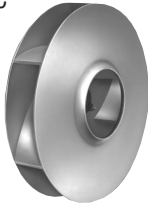


Model Number	PT	CFM	SP	Octave Band (Hz)								dBA @ 5'
				63	125	250	500	1000	2000	4000	8000	
BC-7-08-26A CV-02009 3550 RPM	1	2500	22.10	81	81	86	96	94	95	94	93	94
	2	1900	32.08	77	78	86	96	94	94	93	92	94
	3	1148	40.00	75	77	85	94	93	92	92	91	91
	4	359	41.58	75	77	85	94	93	92	92	91	91

CV-02010/MODEL BC-7

10" INLET, 8" OUTLET
 3550 RPM, .075 DENSITY @ INLET
 IV = CFM/.5454, OV = CFM/.3491

KEY TO GRAPH:
 — = MODEL BC-7-10-31.5A
 - - - = MODEL BC-7-10-28.7A
 - - - = MODEL BC-7-10-26A
 ◆ = PEAK STATIC EFFICIENCY
 ● = OCTAVE BAND PT.

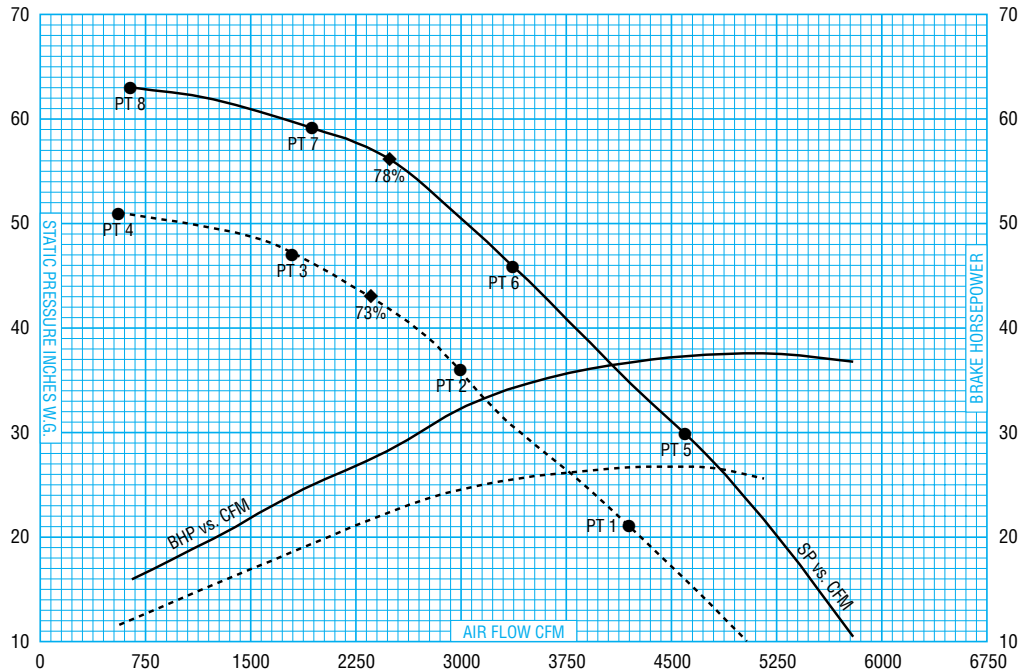
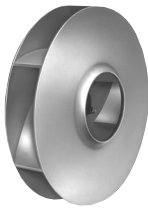


Model Number	PT	CFM	SP	Octave Band (Hz)								dBA @ 5'
				63	125	250	500	1000	2000	4000	8000	
BC-7-10-26A CV-02010 3550 RPM	1	3302	20.00	82	94	99	98	99	97	92	87	94
	2	2438	31.00	80	94	98	98	98	96	91	87	93
	3	1537	40.00	80	95	94	97	96	93	89	87	91
	4	464	42.77	81	94	91	96	94	91	87	83	89
BC-7-10-28.7A CV-02010 3550 RPM	5	3782	23.00	84	94	100	101	100	99	94	87	97
	6	2863	38.00	84	92	102	101	100	98	92	86	96
	7	1766	49.00	87	93	100	100	98	96	90	88	93
	8	467	52.23	85	95	101	100	97	94	89	93	93
BC-7-10-31.5A CV-02010 3550 RPM	9	4314	27.00	106	103	107	105	102	101	95	91	98
	10	3237	44.00	108	105	106	104	102	101	95	92	98
	11	1990	60.00	108	107	107	104	101	98	94	92	98
	12	566	64.12	105	107	108	105	97	95	93	93	94

CV-02011/MODEL BC-7

12" INLET, 8" OUTLET
 3550 RPM, .075 DENSITY @ INLET
 IV = CFM/.7854, OV = CFM/.3491

KEY TO GRAPH:
 — = MODEL BC-7-12-31.5A
 - - - = MODEL BC-7-12-28.7A
 ◆ = PEAK STATIC EFFICIENCY
 ● = OCTAVE BAND PT.



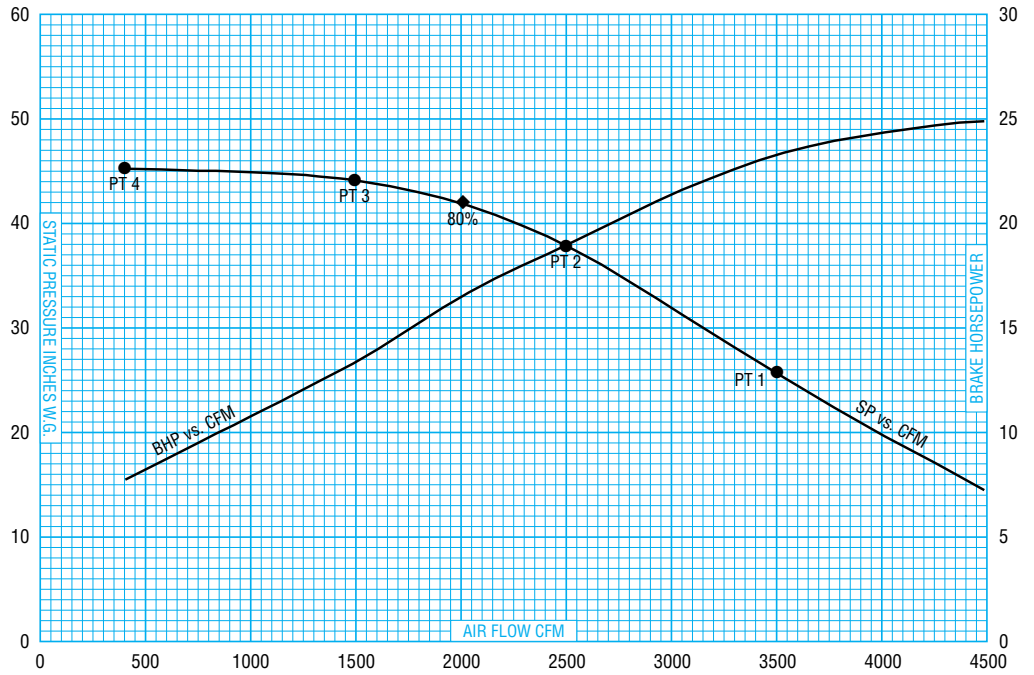
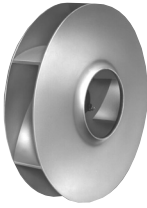
Model Number	PT	CFM	SP	Octave Band (Hz)								dBA @ 5'
				63	125	250	500	1000	2000	4000	8000	
BC-7-12-28.7A CV-02011 3550 RPM	1	4200	20.85	81	95	102	102	100	100	94	87	97
	2	3000	35.88	81	94	102	102	100	99	92	86	96
	3	1800	47.17	83	97	101	101	98	96	89	84	93
	4	554	51.00	85	98	98	99	96	94	88	82	92
BC-7-12-31.5A CV-02011 3550 RPM	5	4600	29.59	110	111	108	106	104	102	98	96	100
	6	3400	45.46	109	108	107	105	103	101	96	94	99
	7	2000	58.76	108	107	108	105	100	98	93	91	96
	8	644	62.99	107	107	107	105	99	94	91	90	95

CV-02012/MODEL BC-8

8" INLET, 10" OUTLET
 3550 RPM, .075 DENSITY @ INLET
 IV = CFM/.3491, OV = CFM/.5454

KEY TO GRAPH:

- = MODEL BC-8-08-26B
- ◆ = PEAK STATIC EFFICIENCY
- = OCTAVE BAND PT.



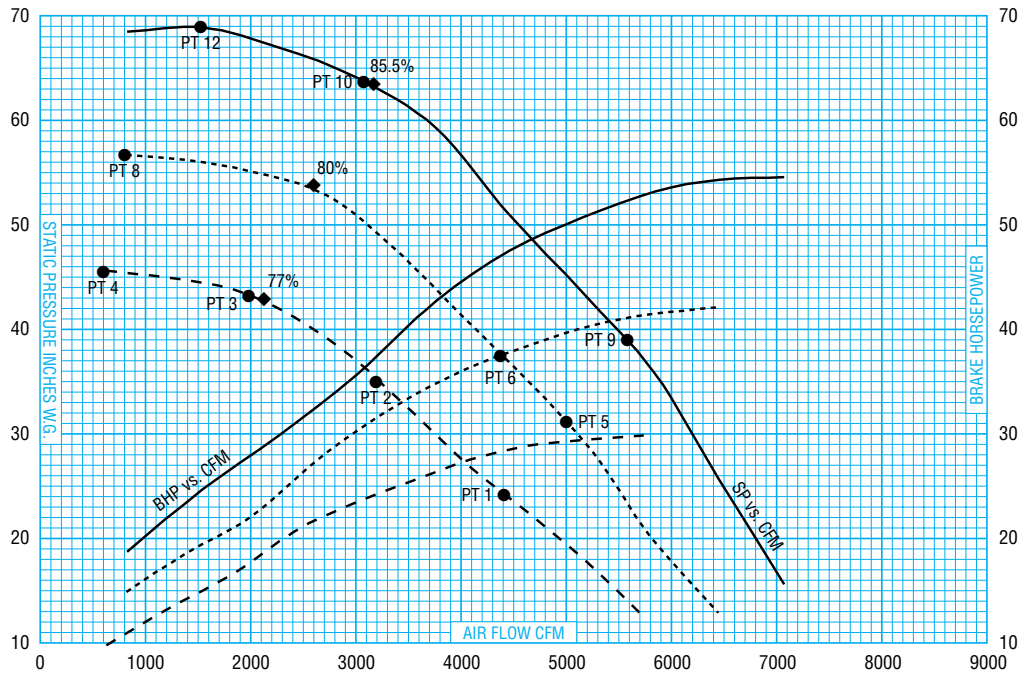
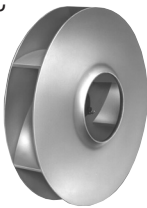
Model Number	PT	CFM	SP	Octave Band (Hz)								dBA @ 5'
				63	125	250	500	1000	2000	4000	8000	
BC-8-08-26B CV-02012 3550 RPM	1	3500	25.62	111	110	105	105	102	100	96	106	100
	2	2500	37.84	111	109	104	104	101	99	95	104	98
	3	1500	44.10	110	108	102	102	99	96	93	102	96
	4	409	45.23	111	109	102	101	96	94	91	99	94

CV-02013/MODEL BC-8

10" INLET, 10" OUTLET
 3550 RPM, .075 DENSITY @ INLET
 IV = CFM/.5454, OV = CFM/.5454

KEY TO GRAPH:

- = MODEL BC-8-10-31.5B
- = MODEL BC-8-10-28.7B
- - - - = MODEL BC-8-10-26B
- ◆ = PEAK STATIC EFFICIENCY
- = OCTAVE BAND PT.



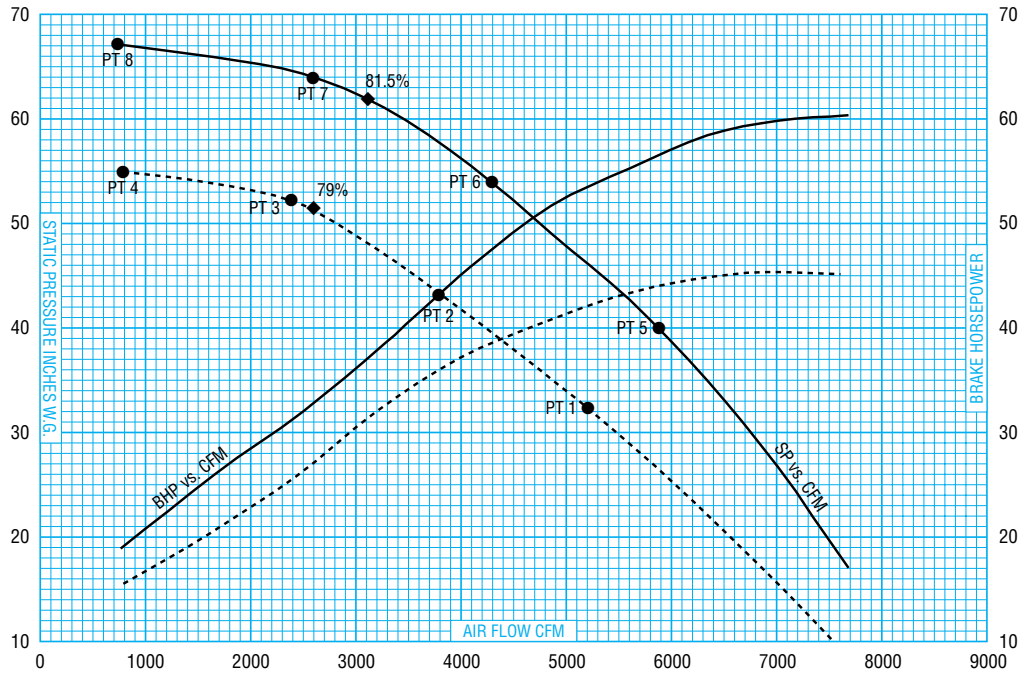
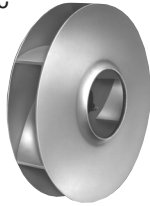
Model Number	PT	CFM	SP	Octave Band (Hz)								dBA @ 5'
				63	125	250	500	1000	2000	4000	8000	
BC-8-10-26B CV-02013 3550 RPM	1	4400	24.31	112	110	107	107	102	101	97	95	99
	2	3200	35.41	112	110	106	106	102	100	97	95	98
	3	2025	43.17	113	111	106	104	100	97	95	95	98
	4	628	45.60	113	111	107	104	98	95	93	94	96
BC-8-10-28.7B CV-02013 3550 RPM	5	5000	31.27	107	105	107	108	104	103	99	93	101
	6	3800	43.64	107	106	105	108	104	103	99	94	101
	7	3470	53.76	108	107	104	106	103	100	96	94	98
	8	820	56.88	107	106	104	104	100	96	92	91	97
BC-8-10-31.5B CV-02013 3550 RPM	9	5600	38.70	108	107	110	111	106	105	101	96	103
	10	4400	51.88	108	108	107	110	107	105	101	97	103
	11	3100	63.63	108	107	106	107	105	103	99	96	101
	12	1544	68.86	108	108	104	105	104	100	97	94	101

CV-02014/MODEL BC-8

12" INLET, 10" OUTLET
 3550 RPM, .075 DENSITY @ INLET
 IV = CFM/.7854, OV = CFM/.5454

KEY TO GRAPH:

- = MODEL BC-8-12-31.5B
- - - = MODEL BC-8-12-28.7B
- - - = MODEL BC-8-12-26B
- ◆ = PEAK STATIC EFFICIENCY
- = OCTAVE BAND PT.



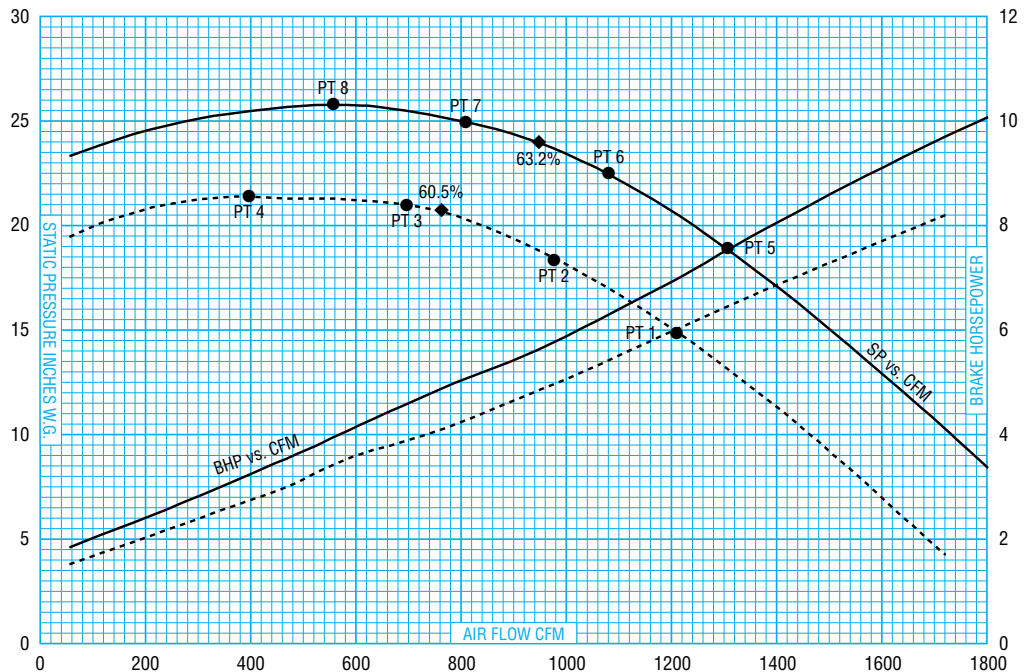
Model Number	PT	CFM	SP	Octave Band (Hz)								dBA @ 5'
				63	125	250	500	1000	2000	4000	8000	
BC-8-12-28.7B CV-02014 3550 RPM	1	5200	32.41	106	106	106	109	105	104	100	94	102
	2	3800	43.38	107	106	104	108	105	103	99	94	101
	3	2400	52.18	108	107	103	106	103	100	96	93	100
	4	788	55.04	107	107	104	103	102	97	92	90	98
BC-8-12-13.5BB CV-02014 3550 RPM	5	5900	39.86	105	105	108	111	107	106	102	96	104
	6	4300	53.95	105	105	105	111	107	105	101	95	103
	7	2600	64.09	105	106	105	107	105	102	98	94	100
	8	762	67.20	109	109	105	106	105	100	96	94	101

TD-5006/MODEL VP-1

6" INLET, 5" OUTLET
 3450 RPM, .075 DENSITY @ INLET
 IV = CFM/.1963, OV = CFM/.1364

KEY TO GRAPH:

- = MODEL VP-1-06-18.5A
- - - = MODEL VP-1-06-17A
- ◆ = PEAK STATIC EFFICIENCY
- = OCTAVE BAND PT.



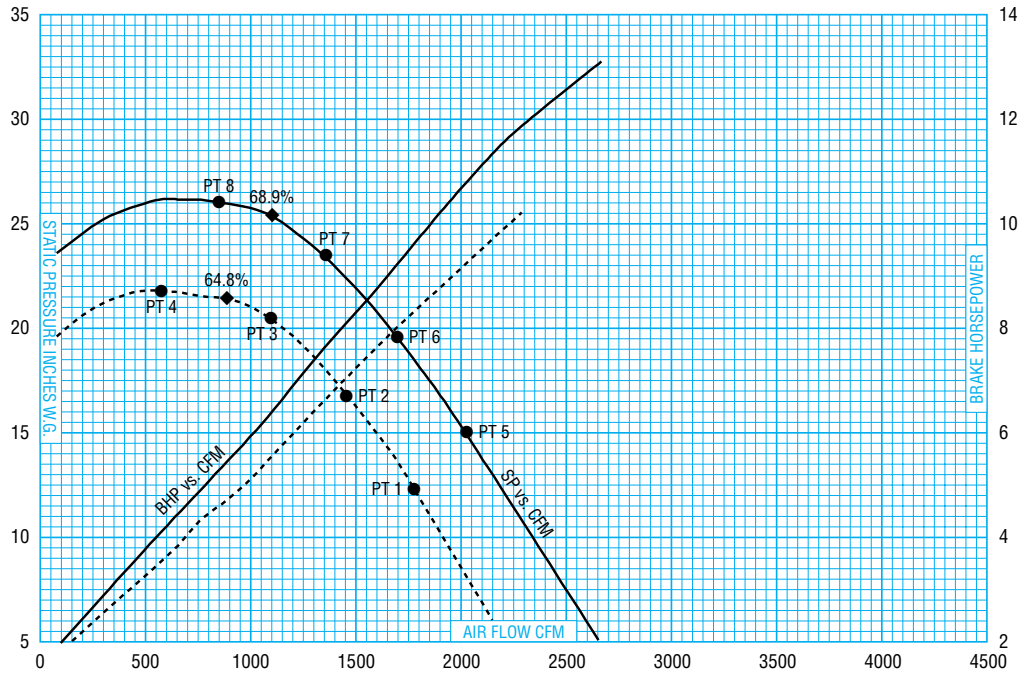
Model Number	PT	CFM	SP	Octave Band (Hz)								dBA @ 5'
				63	125	250	500	1000	2000	4000	8000	
VP-1-06-17A TD-5006 3450 RPM	1	1205	15	90	98	99	111	99	91	86	81	98
	2	980	18.5	88	98	97	108	96	89	84	80	95
	3	700	21	86	95	96	106	94	88	83	79	93
	4	400	21.2	87	97	96	105	93	87	83	79	92
VP-1-06-18.5A TD-5006 3450 RPM	5	1300	19	90	100	99	117	103	94	88	83	104
	6	1080	22.5	89	98	98	114	101	94	88	82	101
	7	810	25	87	94	97	111	98	93	88	82	98
	8	560	25.7	87	95	97	110	98	92	88	81	97

TD-5007/MODEL VP-2

6" INLET, 6" OUTLET
3450 RPM, .075 DENSITY @ INLET
IV = CFM/.1963, OV = CFM/.1963

KEY TO GRAPH:

- = MODEL VP-2-06-18.5B
- - - = MODEL VP-2-06-17B
- ◆ = PEAK STATIC EFFICIENCY
- = OCTAVE BAND PT.



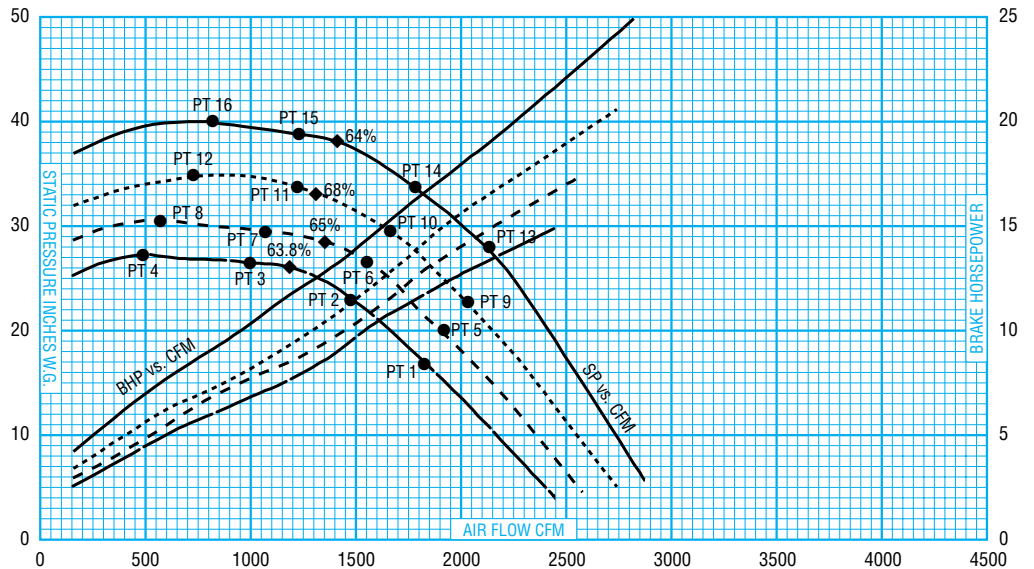
Model Number	PT	CFM	SP	Octave Band (Hz)								dBA @ 5'
				63	125	250	500	1000	2000	4000	8000	
VP-2-06-17B TD-5007 3450 RPM	1	1775	12.5	90	98	102	113	102	95	89	83	101
	2	1460	17	90	98	99	108	98	92	86	82	95
	3	1100	20.5	88	97	97	105	95	89	85	81	93
	4	570	21.7	89	96	96	105	99	90	84	80	94
VP-2-06-18.5B TD-5007 3450 RPM	5	2025	15	91	101	103	120	108	99	91	86	107
	6	1720	19.5	91	101	101	114	106	97	89	84	102
	7	1360	23.5	88	97	100	108	103	95	88	84	98
	8	850	26	89	96	97	105	99	96	88	84	96

TD-5008/MODEL VP-3

6" INLET, 6" OUTLET
3515 RPM, .075 DENSITY @ INLET
IV = CFM/.1963, OV = CFM/.1963

KEY TO GRAPH:

- = MODEL VP-3-06-22.5A
- - - = MODEL VP-3-06-21A
- - - = MODEL VP-3-06-20A
- = MODEL VP-3-06-19A
- ◆ = PEAK STATIC EFFICIENCY
- = OCTAVE BAND PT.



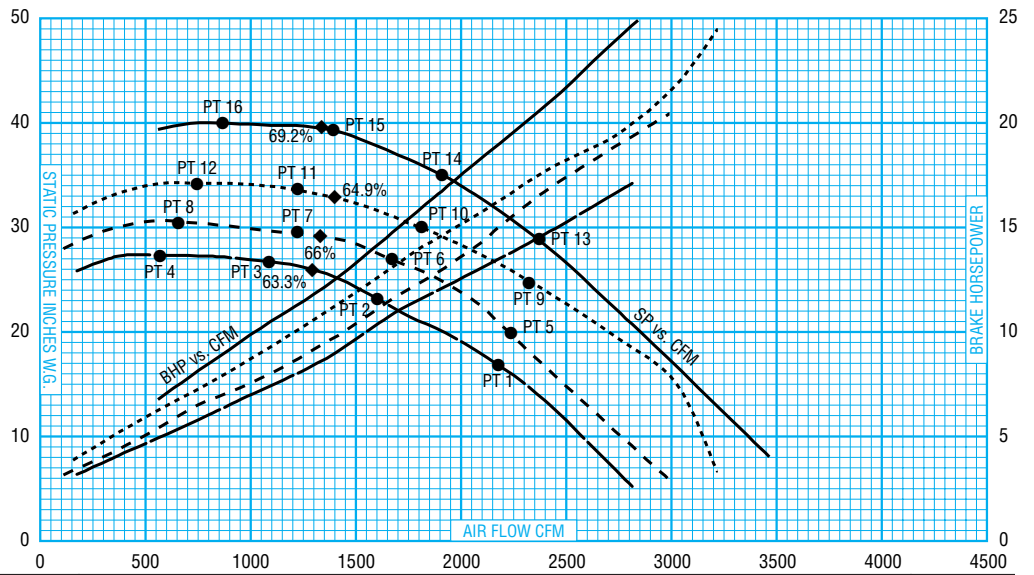
Model Number	PT	CFM	SP	Octave Band (Hz)								dBA @ 5'
				63	125	250	500	1000	2000	4000	8000	
VP-3-06-19A TD-5008 3515 RPM	1	1850	17	91	99	100	103	101	96	90	86	96
	2	1500	23	89	99	100	99	97	93	88	86	92
	3	1000	26.8	90	99	99	97	94	90	86	85	89
	4	500	27.2	91	98	99	97	94	90	86	87	89
VP-3-06-20A TD-5008 3515 RPM	5	1925	20	91	99	102	104	102	97	91	86	97
	6	1550	27	89	98	100	101	98	94	89	86	93
	7	1100	29.9	91	99	99	100	95	92	87	85	91
	8	600	30.5	93	100	99	99	95	90	87	86	90
VP-3-06-21A TD-5008 3515 RPM	9	2020	23	92	101	103	104	104	98	92	86	98
	10	1650	30	92	98	101	102	99	95	90	85	95
	11	1225	34	93	102	100	103	97	92	88	82	93
	12	750	34.2	94	103	100	104	97	92	88	82	93
VP-3-06-22.5A TD-5008 3515 RPM	13	2150	28	90	101	102	108	103	99	94	88	99
	14	1760	34	91	100	102	108	102	98	93	86	98
	15	1250	39	93	101	101	104	103	96	92	85	97
	16	825	39.9	92	102	102	109	99	95	89	83	97

TD-5009/MODEL VP-3

8" INLET, 6" OUTLET
3515 RPM, .075 DENSITY @ INLET
IV = CFM/.3491, OV = CFM/.1963

KEY TO GRAPH:

- = MODEL VP-3-08-22.5A
- = MODEL VP-3-08-21A
- - - - = MODEL VP-3-08-20A
- = MODEL VP-3-08-19A
- ◆ = PEAK STATIC EFFICIENCY
- = OCTAVE BAND PT.



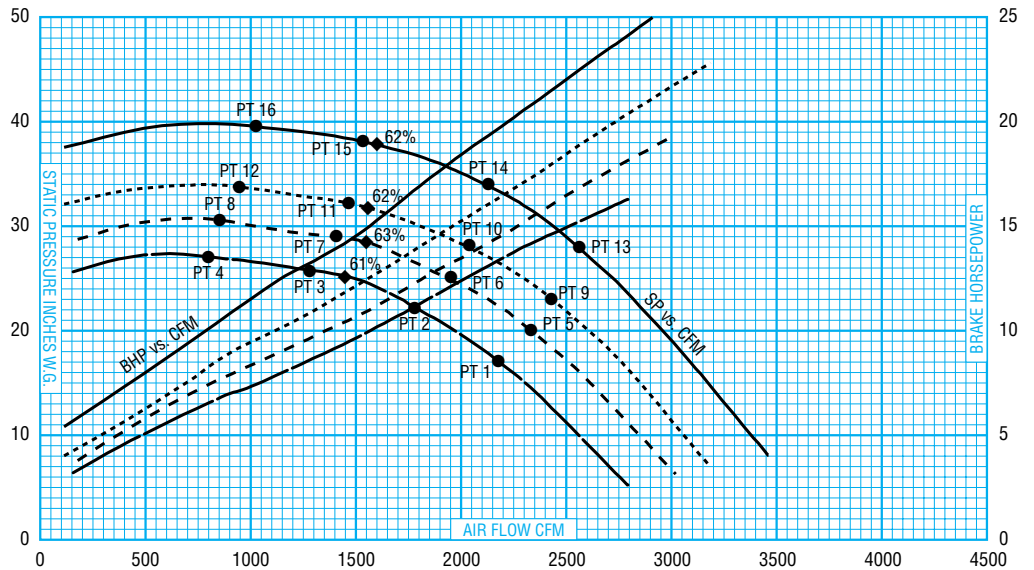
Model Number	PT	CFM	SP	Octave Band (Hz)								dBA @ 5'
				63	125	250	500	1000	2000	4000	8000	
VP-3-08-19A TD-5009 3515 RPM	1	2170	17	93	103	104	104	100	95	90	84	95
	2	1625	23	91	102	102	101	97	93	88	83	92
	3	1100	26.9	92	104	100	98	94	90	87	82	89
	4	575	27.2	93	104	100	99	93	89	86	81	89
VP-3-08-20A TD-5009 3515 RPM	5	2240	20	93	103	104	105	101	95	90	86	96
	6	1675	27	90	103	101	102	97	93	89	86	93
	7	1225	29.5	91	104	101	101	96	92	88	85	91
	8	700	30.4	92	104	101	100	95	91	87	85	90
VP-3-08-21A TD-5009 3515 RPM	9	2325	25	92	103	104	108	105	97	92	86	99
	10	1820	30	91	102	103	105	100	96	92	86	95
	11	1250	33.5	92	103	102	101	98	94	90	85	93
	12	750	34.1	93	104	102	99	96	92	89	84	91
VP-3-08-22.5A TD-5009 3515 RPM	13	2375	29	93	107	104	109	103	98	94	89	99
	14	1925	35	93	104	103	109	102	97	93	89	98
	15	1400	39.5	93	103	102	105	103	98	92	88	98
	16	875	39.8	93	102	102	104	105	97	92	88	98

TD-5010/MODEL VP-4

6" INLET, 6" OUTLET
3515 RPM, .075 DENSITY @ INLET
IV = CFM/.1963, OV = CFM/.1963

KEY TO GRAPH:

- = MODEL VP-4-06-22.5B
- = MODEL VP-4-06-21B
- - - - = MODEL VP-4-06-20B
- = MODEL VP-4-06-19B
- ◆ = PEAK STATIC EFFICIENCY
- = OCTAVE BAND PT.



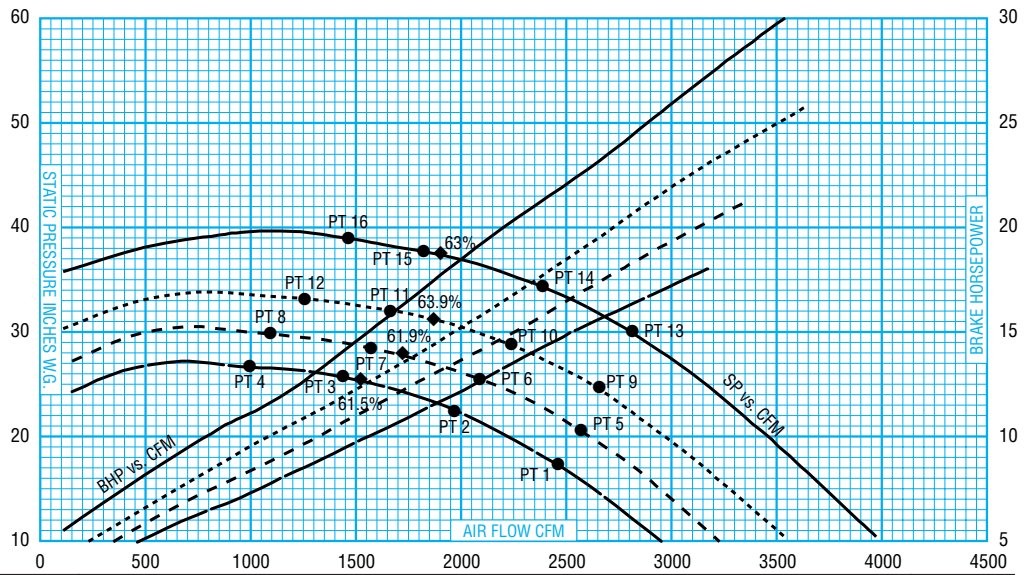
Model Number	PT	CFM	SP	Octave Band (Hz)								dBA @ 5'
				63	125	250	500	1000	2000	4000	8000	
P-4-06-19B TD-5010 3515 RPM	1	2175	17	91	98	103	103	102	96	90	86	96
	2	1800	22	90	97	102	102	99	94	89	85	94
	3	1300	25.9	91	97	101	98	96	92	88	85	91
	4	800	27	94	100	100	98	95	91	87	84	90
VP-4-06-20B TD-5010 3515 RPM	5	2340	20	90	98	101	107	102	96	91	87	98
	6	1940	25	90	98	101	107	100	95	90	86	96
	7	1400	29	92	99	100	107	98	93	89	86	95
	8	850	30.5	93	101	101	105	96	92	88	85	93
VP-4-06-21B TD-5010 3515 RPM	9	2440	23	93	100	103	110	103	98	93	90	99
	10	2025	28	93	99	103	110	101	98	92	90	99
	11	1490	32	93	100	102	109	100	96	91	90	98
	12	950	33.8	94	102	102	107	100	95	90	89	96
VP-4-06-22.5B TD-5010 3515 RPM	13	2550	28	90	100	104	114	109	103	95	91	104
	14	2120	34	91	101	104	113	108	104	95	91	103
	15	1550	38	93	103	102	110	108	104	96	91	103
	16	1025	39.5	95	107	102	104	109	102	97	94	102

TD-5011/MODEL VP-4

8" INLET, 6" OUTLET
3515 RPM, .075 DENSITY @ INLET
IV = CFM/.3491, OV = CFM/.1963

KEY TO GRAPH:

- = MODEL VP-4-08-22.5B
- = MODEL VP-4-08-21B
- - - = MODEL VP-4-08-20B
- = MODEL VP-4-08-19B
- ◆ = PEAK STATIC EFFICIENCY
- = OCTAVE BAND PT.



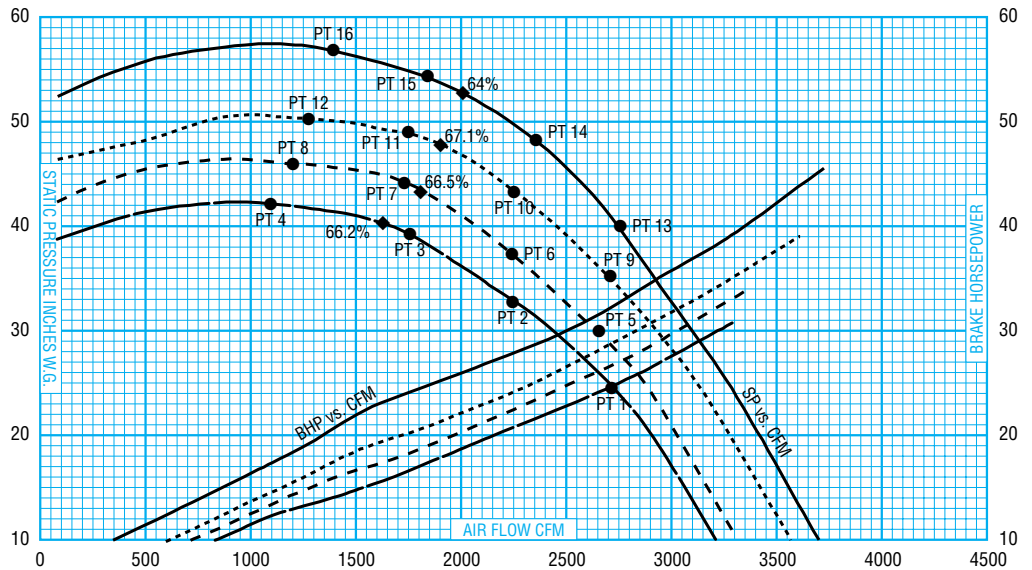
Model Number	PT	CFM	SP	Octave Band (Hz)								dBA @ 5'
				63	125	250	500	1000	2000	4000	8000	
VP-4-08-19B TD-5011 3515 RPM	1	2475	18	92	103	103	103	99	95	90	86	95
	2	1975	23	93	103	102	101	97	93	89	86	93
	3	1470	26.4	93	103	101	99	95	92	88	86	91
	4	1000	27	94	103	100	100	94	91	87	84	90
VP-4-08-20B TD-5011 3515 RPM	5	2575	21	92	102	104	107	101	96	91	91	97
	6	2090	26	92	102	102	106	99	94	91	91	95
	7	1590	29	94	103	100	103	98	94	90	90	94
	8	1100	30.1	95	104	100	100	96	92	89	90	91
VP-4-08-21B TD-5011 3515 RPM	9	2650	25	94	104	104	110	103	98	93	90	99
	10	2225	29.5	94	106	103	109	101	96	92	89	97
	11	1660	32.5	95	106	102	109	99	95	91	89	97
	12	1250	33.6	96	107	102	110	99	95	90	89	98
VP-4-08-22.5B TD-5011 3515 RPM	13	2850	30	92	102	106	109	108	102	95	92	103
	14	2375	35	92	102	105	110	112	103	95	92	105
	15	1850	38	95	103	104	109	108	101	95	91	102
	16	1475	39.4	96	105	103	109	108	104	95	91	103

TD-5012/MODEL VP-5

6" INLET, 6" OUTLET
3515 RPM, .075 DENSITY @ INLET
IV = CFM/.1963, OV = CFM/.1963

KEY TO GRAPH:

- = MODEL VP-5-06-26.5A
- = MODEL VP-5-06-25A
- - - = MODEL VP-5-06-24A
- = MODEL VP-5-06-23A
- ◆ = PEAK STATIC EFFICIENCY
- = OCTAVE BAND PT.



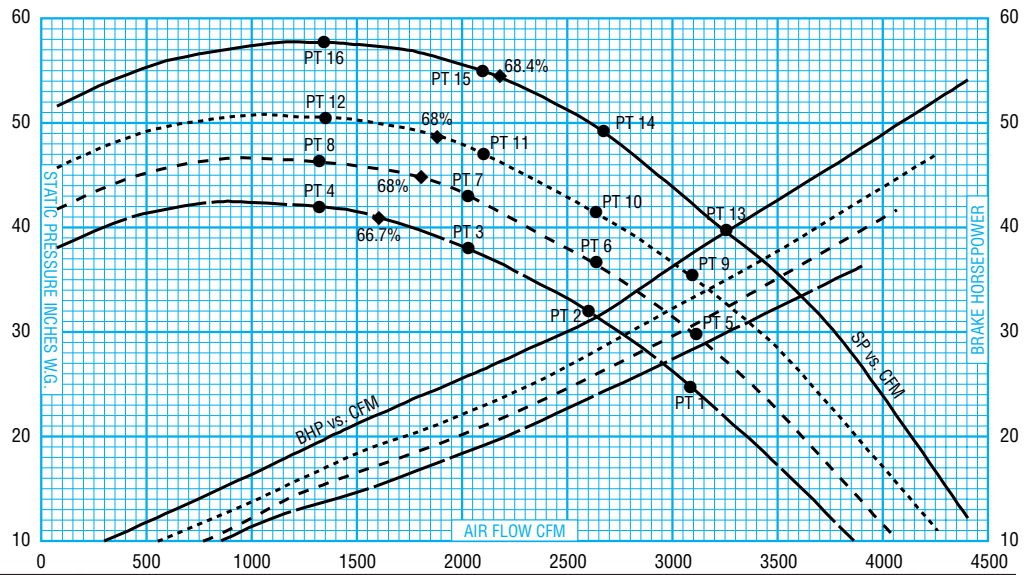
Model Number	PT	CFM	SP	Octave Band (Hz)								dBA @ 5'
				63	125	250	500	1000	2000	4000	8000	
VP-5-06-23A TD-5012 3515 RPM	1	2700	25	92	100	104	114	107	102	96	92	104
	2	2250	33	90	99	102	109	104	99	94	89	100
	3	1750	39.5	90	98	100	105	101	96	92	89	96
	4	1100	42.2	92	98	98	101	96	93	90	86	92
VP-5-06-24A TD 5012 3515 RPM	5	2650	30	91	101	104	115	106	102	96	91	103
	6	2220	38	90	98	102	111	105	100	94	90	101
	7	1725	44.5	89	97	100	105	100	97	92	89	96
	8	1200	46	91	98	99	103	98	96	92	89	94
VP-5-06-25A TD-5012 3515 RPM	9	2710	35	90	100	104	117	108	103	97	92	106
	10	2300	42.9	89	100	102	115	107	101	96	92	103
	11	1750	49	89	100	102	112	104	100	95	91	101
	12	1275	50.5	93	102	100	106	100	98	95	90	97
VP-5-06-26.5A TD 5012 3515 RPM	13	2750	40	92	100	105	118	112	105	98	94	107
	14	2360	48.5	91	100	104	118	111	104	97	93	106
	15	1850	54.4	92	99	102	117	106	101	96	93	104
	16	1380	57	92	100	101	116	104	100	95	92	103

TD-5013/MODEL VP-5

8" INLET, 6" OUTLET
3515 RPM, .075 DENSITY @ INLET
IV = CFM/.3491, OV = CFM/.1963

KEY TO GRAPH:

- = MODEL VP-5-08-26.5A
- - - = MODEL VP-5-08-25A
- · - · = MODEL VP-5-08-24A
- · · · = MODEL VP-5-08-23A
- ◆ = PEAK STATIC EFFICIENCY
- = OCTAVE BAND PT.



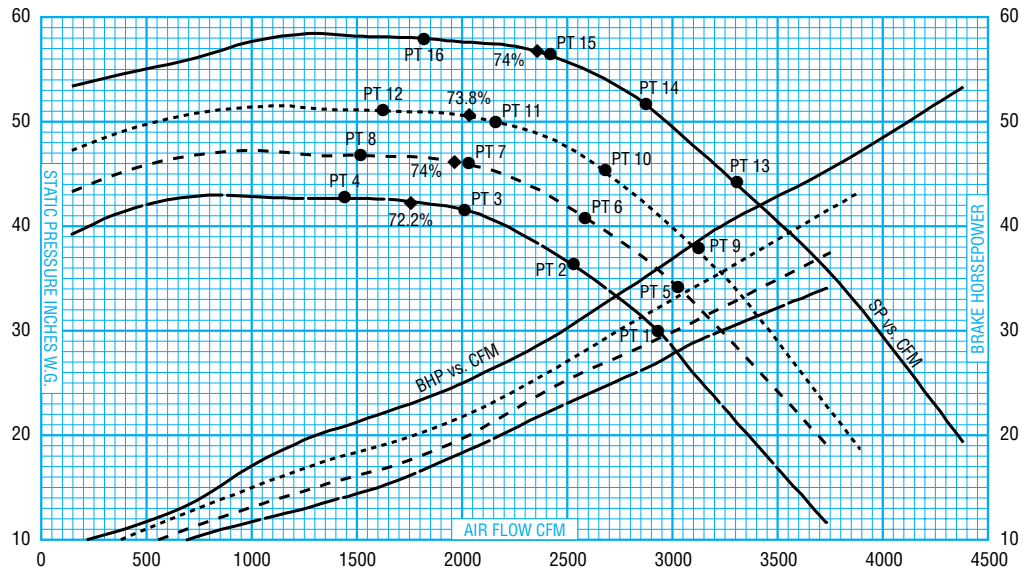
Model Number	PT	CFM	SP	Octave Band (Hz)								dBA @ 5'
				63	125	250	500	1000	2000	4000	8000	
VP-5-08-23A TD-5013 3515 RPM	1	3075	25	934	105	106	112	105	101	96	91	101
	2	2600	32	93	103	104	109	102	100	95	90	99
	3	2025	38	92	103	102	103	100	98	93	89	96
	4	1320	42	93	104	100	99	97	95	91	88	93
VP-5-08-24A TD-5013 3515 RPM	5	3080	30	92	104	106	116	106	101	97	92	104
	6	2625	36.5	91	102	104	114	104	100	96	92	102
	7	2040	43	91	100	102	110	101	99	94	91	99
	8	1325	46.4	93	102	101	107	101	97	92	89	97
VP-5-08-25A TD-5013 3515 RPM	9	3100	35	93	105	107	118	107	103	98	93	105
	10	2650	41	92	105	105	116	105	102	97	93	104
	11	2100	47	92	106	103	114	104	101	96	92	102
	12	1350	50.5	94	106	100	110	102	99	95	91	99
VP-5-08-26.5A TD-5013 3515 RPM	13	3210	40	93	105	107	120	109	103	99	95	107
	14	2670	49	92	102	106	118	107	104	99	95	106
	15	2100	55	92	101	103	115	106	104	97	94	104
	16	1350	57.7	96	104	102	108	103	102	96	96	100

TD-5014/MODEL VP-6

6" INLET, 8" OUTLET
3515 RPM, .075 DENSITY @ INLET
IV = CFM/.1963, OV = CFM/.3491

KEY TO GRAPH:

- = MODEL VP-6-06-26.5B
- - - = MODEL VP-6-06-25B
- · - · = MODEL VP-6-06-24B
- · · · = MODEL VP-6-06-23B
- ◆ = PEAK STATIC EFFICIENCY
- = OCTAVE BAND PT.



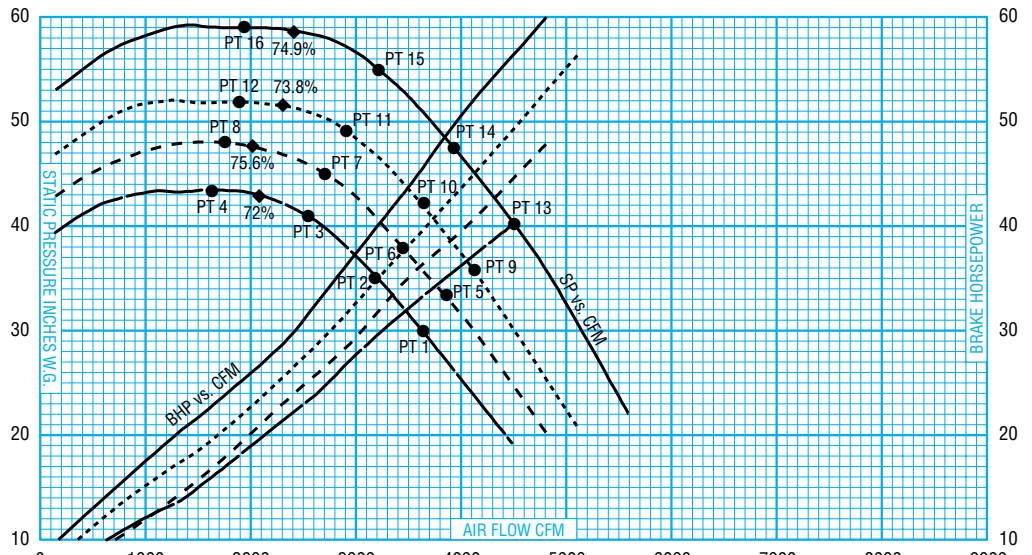
Model Number	PT	CFM	SP	Octave Band (Hz)								dBA @ 5'
				63	125	250	500	1000	2000	4000	8000	
VP-6-06-23B TD-5014 3515 RPM	1	2950	30	92	100	106	111	109	103	96	91	103
	2	2520	37	91	98	103	110	104	100	94	89	100
	3	2000	42	91	97	100	107	100	98	92	88	97
	4	1450	43	94	102	98	103	97	95	91	87	93
VP-6-06-24B TD-5014 3515 RPM	5	3040	34	93	101	108	115	109	104	97	82	105
	6	2575	41	92	99	105	112	107	103	96	81	103
	7	2025	46	92	98	101	109	103	100	94	89	100
	8	1500	47	93	101	99	107	100	98	93	89	97
VP-6-06-25B TD-5014 3515 RPM	9	3100	38	93	101	108	117	109	105	98	93	106
	10	2650	45.5	92	98	105	116	107	103	97	92	104
	11	2150	50	92	98	103	113	104	101	96	92	102
	12	1625	51	93	101	101	111	102	99	95	91	100
VP-6-06-26.5B TD-5014 3515 RPM	13	3300	44	93	102	110	118	114	108	108	95	109
	14	2850	52	92	99	107	118	112	106	106	94	108
	15	2400	56.5	92	99	104	116	109	106	106	93	106
	16	1825	58	93	102	102	113	109	103	103	93	104

TD-5015/MODEL VP-6

8" INLET, 8" OUTLET
3515 RPM, .075 DENSITY @ INLET
IV = CFM/.3491, OV = CFM/.3491

KEY TO GRAPH:

- = MODEL VP-6-08-26.5B
- - - = MODEL VP-6-08-25B
- · - · = MODEL VP-6-08-24B
- · · · = MODEL VP-6-08-23B
- ◆ = PEAK STATIC EFFICIENCY
- = OCTAVE BAND PT.



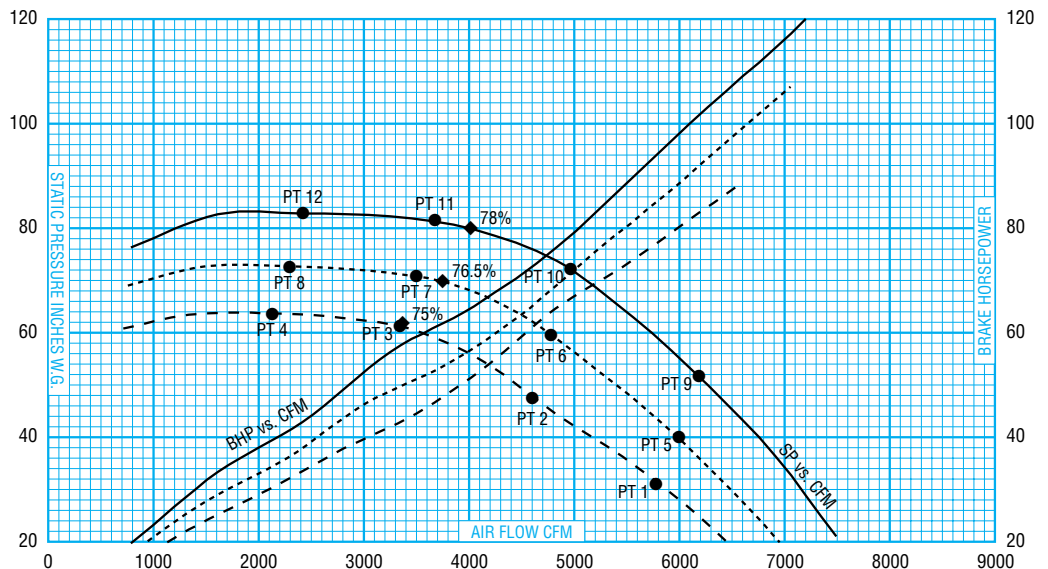
Model Number	PT	CFM	SP	Octave Band (Hz)								dBa @ 5'
				63	125	250	500	1000	2000	4000	8000	
VP-6-08-23B TD-5014 3515 RPM	1	3650	30	95	103	117	114	107	103	98	92	103
	2	3200	35	94	102	107	111	105	102	96	91	102
	3	2550	41	93	102	104	109	103	100	95	91	99
	4	1690	43.3	93	103	101	106	100	98	94	90	96
VP-6-08-24B TD-5014 3515 RPM	5	3890	33	95	105	111	115	111	106	100	94	106
	6	3450	38	94	103	109	114	109	104	99	93	105
	7	2700	45	94	103	104	111	104	102	97	93	101
	8	1790	47.9	95	106	102	110	102	100	96	91	99
VP-6-08-25B TD-5014 3515 RPM	9	4100	36	95	105	112	108	110	106	101	96	104
	10	3600	42	94	104	109	108	109	105	100	95	103
	11	2920	49	93	107	107	106	107	104	99	94	101
	12	1900	51.9	95	104	104	114	106	101	97	92	102
VP-6-08-26.5B TD-5014 3515 RPM	13	4500	40	96	104	114	119	116	110	103	97	111
	14	3900	48	95	103	112	121	117	110	102	97	111
	15	3200	55	94	103	109	120	111	108	101	96	109
	16	1975	59	96	103	102	113	109	104	97	92	104

CV-02022/MODEL VP-7

8" INLET, 8" OUTLET
3550 RPM, .075 DENSITY @ INLET
IV = CFM/.3491, OV = CFM/.3491

KEY TO GRAPH:

- = MODEL VP-7-08-31.5A
- - - = MODEL VP-7-08-29.8A
- · - · = MODEL VP-7-08-28.1A
- ◆ = PEAK STATIC EFFICIENCY
- = OCTAVE BAND PT.



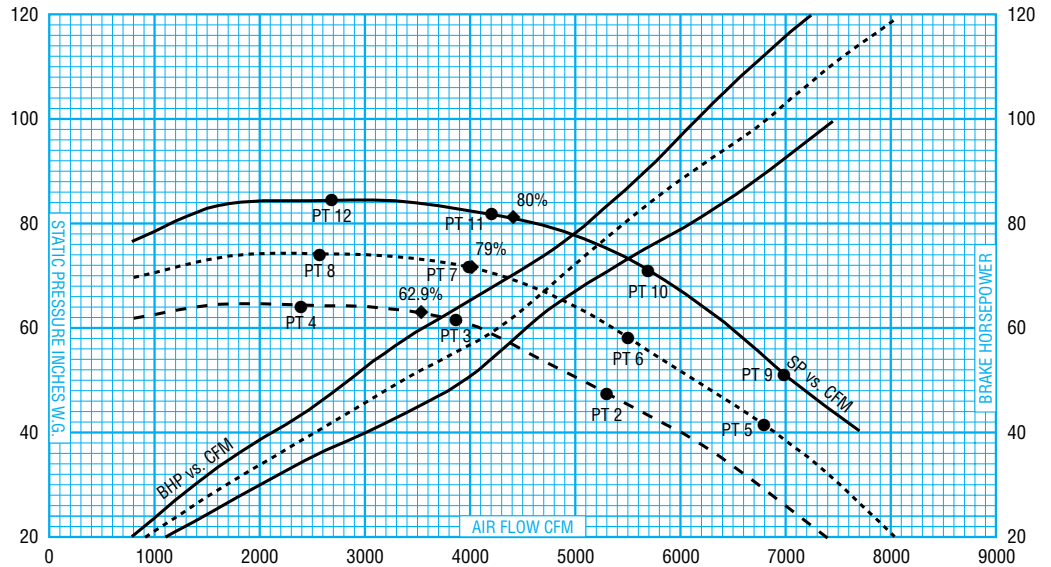
Model Number	PT	CFM	SP	Octave Band (Hz)								dBa @ 5'
				63	125	250	500	1000	2000	4000	8000	
VP-7-08-28.1A CV-02022 3550 RPM	1	5800	31.40	105	107	111	113	111	108	102	96	107
	2	4600	48.36	106	105	107	108	107	105	99	94	103
	3	3340	61.26	108	107	104	105	104	102	97	93	99
	4	2137	63.90	105	103	100	101	100	98	93	88	96
VP-7-08-29.8A CV-02022 3550 RPM	5	6000	39.73	105	106	111	114	111	108	103	97	106
	6	4800	59.68	105	104	107	109	108	107	101	95	104
	7	3500	70.75	105	103	104	106	105	104	98	92	101
	8	2279	72.82	105	104	99	100	98	99	93	88	97
VP-7-08-31.5A CV-02022 3550 RPM	9	6200	51.45	105	105	111	117	112	109	104	99	107
	10	5000	71.89	105	103	107	112	109	107	102	97	105
	11	3700	81.20	105	103	104	109	105	105	99	94	102
	12	2421	82.88	105	103	102	107	102	103	97	92	101

CV-02023/MODEL VP-7

10" INLET, 8" OUTLET
 3550 RPM, .075 DENSITY @ INLET
 IV = CFM/.5454, OV = CFM/.3491

KEY TO GRAPH:

- = MODEL VP-7-10-31.5A
- - - = MODEL VP-7-10-29.8A
- - - = MODEL VP-7-10-28.1A
- ◆ = PEAK STATIC EFFICIENCY
- = OCTAVE BAND PT.



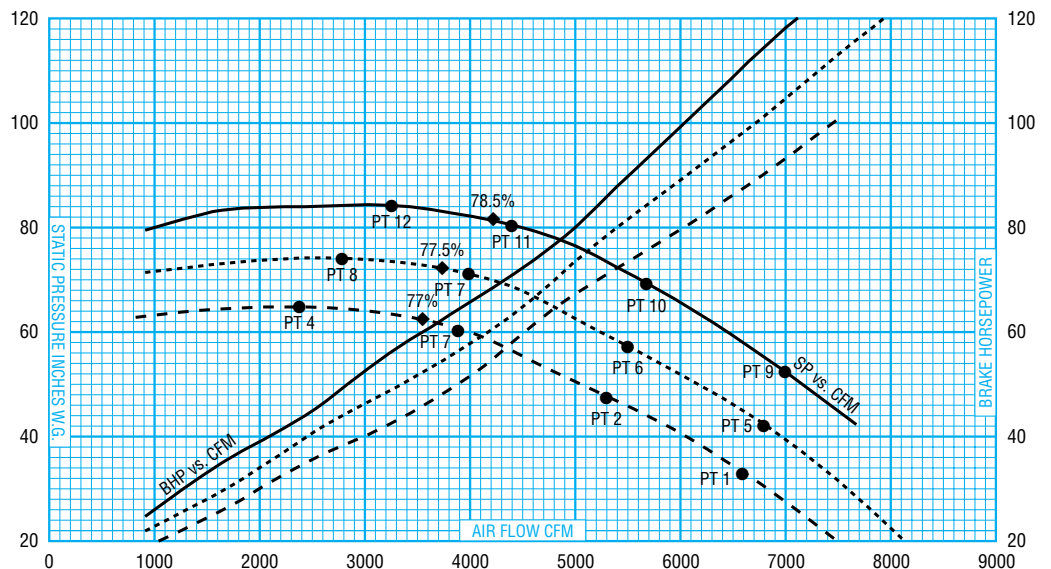
Model Number	PT	CFM	SP	Octave Band (Hz)								dBa @ 5'
				63	125	250	500	1000	2000	4000	8000	
VP-7-10-28.1A CV-02023 3550 RPM	1	6600	32.32	105	106	112	113	112	108	102	96	108
	2	5300	47.51	105	104	108	110	108	106	100	94	103
	3	3900	61.20	105	103	104	106	104	103	97	92	100
	4	2433	64.38	105	113	101	103	101	100	94	89	98
VP-7-10-29.8A CV-02023 3550 RPM	5	6900	40.03	105	106	113	115	113	109	103	98	109
	6	5500	58.51	105	105	108	110	108	106	102	97	104
	7	4000	71.53	105	107	105	107	105	104	99	94	101
	8	2567	74.16	105	113	103	106	102	101	96	92	99
VP-7-10-31.5A CV-02023 3550 RPM	9	7000	51.17	105	104	112	114	113	110	104	99	108
	10	5700	71.06	105	103	108	111	109	108	103	97	106
	11	4200	81.74	105	103	106	111	106	105	100	95	103
	12	2700	84.42	105	103	102	110	103	103	97	92	101

CV-02024/MODEL VP-7

12" INLET, 8" OUTLET
 3550 RPM, .075 DENSITY @ INLET
 IV = CFM/.7854, OV = CFM/.3491

KEY TO GRAPH:

- = MODEL VP-7-12-31.5A
- - - = MODEL VP-7-12-29.8A
- - - = MODEL VP-7-12-28.1A
- ◆ = PEAK STATIC EFFICIENCY
- = OCTAVE BAND PT.



Model Number	PT	CFM	SP	Octave Band (Hz)								dBa @ 5'
				63	125	250	500	1000	2000	4000	8000	
VP-7-12-28.1A CV-02024 3550 RPM	1	6600	33.07	105	110	113	112	110	108	102	96	105
	2	5300	47.67	105	106	110	110	108	106	100	94	103
	3	3900	60.56	105	104	105	107	104	103	98	93	100
	4	2446	64.78	105	108	101	105	101	99	94	89	97
VP-7-12-29.8A CV-02024 3550 RPM	5	6800	42.24	105	108	114	117	111	109	103	98	106
	6	550	57.24	105	106	109	112	109	107	102	97	105
	7	4000	70.92	105	106	106	109	106	104	99	94	101
	8	2800	74.08	105	107	104	106	103	101	96	92	99
VP-7-12-31.5A CV-02024 3550 RPM	9	7000	52.18	105	106	112	116	112	110	105	100	108
	10	5700	69.03	105	105	108	114	109	109	104	98	107
	11	4400	80.36	105	104	106	110	107	107	102	96	105
	12	3238	84.26	105	111	103	106	103	102	97	93	100

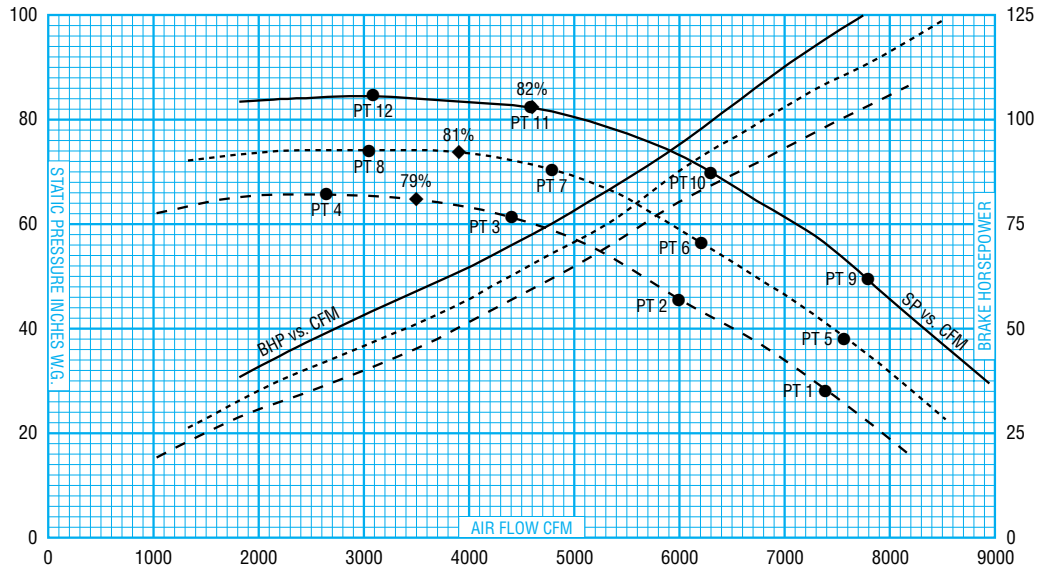
CV-2025/MODEL VP-8

8" INLET, 10" OUTLET
3550 RPM, .075 DENSITY @ INLET
IV = CFM/.3491, OV = CFM/.5454

KEY TO GRAPH:

— = MODEL VP-8-08-31.5B
- - - = MODEL VP-8-08-29.8B
- · - · = MODEL VP-8-08-28.1B

◆ = PEAK STATIC EFFICIENCY
● = OCTAVE BAND PT.



Model Number	PT	CFM	SP	Octave Band (Hz)								dBA @ 5'
				63	125	250	500	1000	2000	4000	8000	
VP-8-08-28.1B CV-02025 3550 RPM	1	7400	28.27	105	106	108	116	111	107	103	97	108
	2	6000	45.62	105	106	108	116	111	107	103	97	108
	3	4400	61.20	105	105	104	111	108	104	101	96	105
	4	2629	65.59	105	105	102	105	104	100	97	94	101
VP-8-08-29.8B CV-02025 3550 RPM	5	7600	37.98	111	111	109	118	112	109	104	100	109
	6	6200	56.44	112	111	109	117	111	108	104	99	108
	7	4800	70.29	111	110	107	114	110	106	103	99	107
	8	3042	74.08	111	110	104	109	105	103	99	97	101
VP-8-08-31.5B CV-02025 3550 RPM	9	7800	49.49	114	112	113	118	118	112	108	103	114
	10	6300	69.95	114	112	113	118	118	112	108	103	114
	11	4600	82.14	114	112	107	114	110	107	104	100	105
	12	3074	84.42	114	113	107	113	109	107	101	99	105

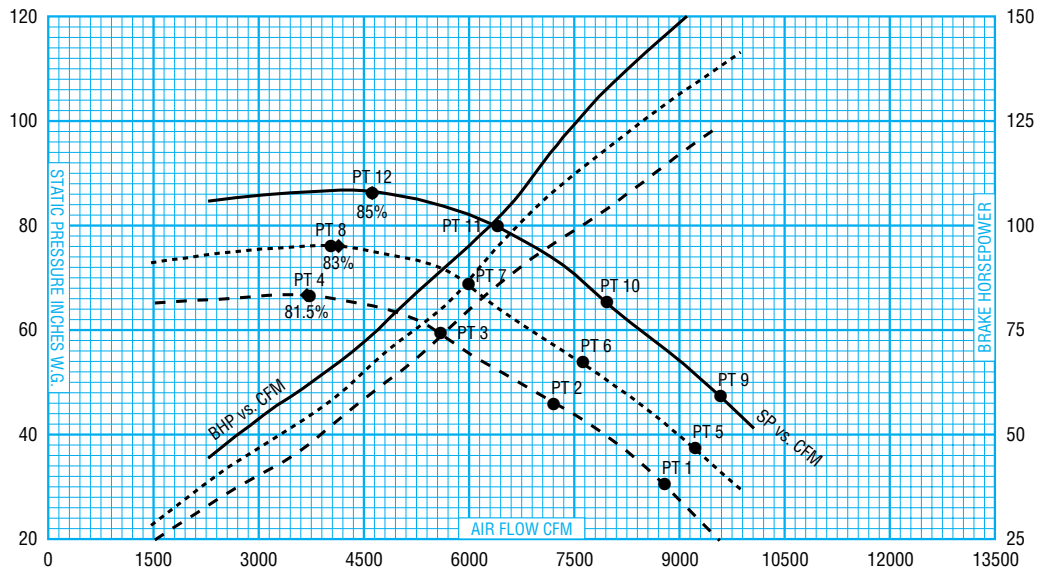
CV-2026/MODEL VP-8

10" INLET, 10" OUTLET
3550 RPM, .075 DENSITY @ INLET
IV = CFM/.5454, OV = CFM/.5454

KEY TO GRAPH:

— = MODEL VP-8-10-31.5B
- - - = MODEL VP-8-10-29.8B
- · - · = MODEL VP-8-10-28.1B

◆ = PEAK STATIC EFFICIENCY
● = OCTAVE BAND PT.



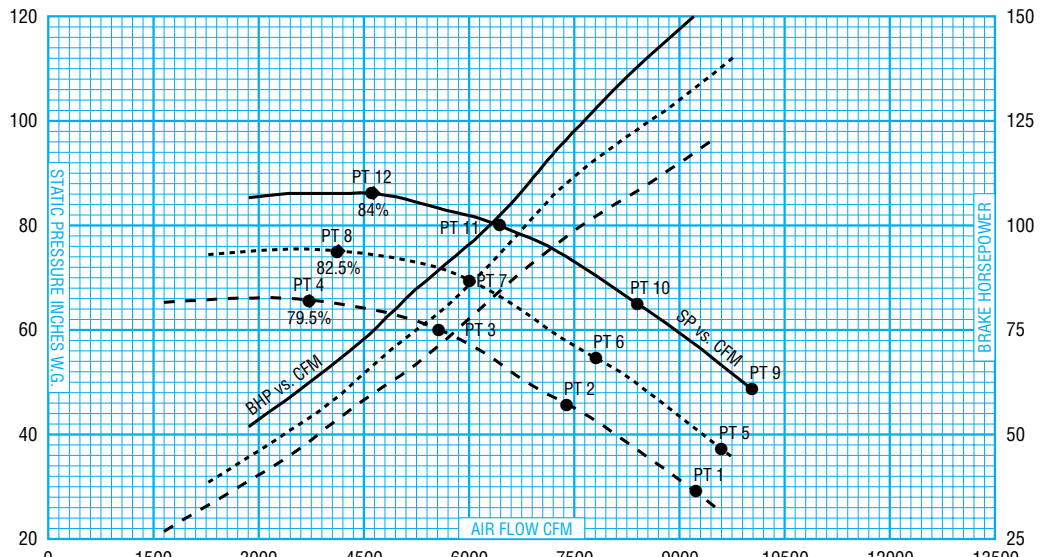
Model Number	PT	CFM	SP	Octave Band (Hz)								dBA @ 5'
				63	125	250	500	1000	2000	4000	8000	
VP-8-10-28.1B CV-02026 3550 RPM	1	8800	30.30	108	109	109	116	111	108	103	98	108
	2	7200	46.34	108	109	109	116	111	108	103	98	108
	3	5600	59.54	108	108	108	114	110	107	104	98	105
	4	3690	66.78	107	107	103	108	106	102	99	95	103
VP-8-10-29.8B CV-02026 3550 RPM	5	9200	37.84	108	108	108	115	111	109	105	100	107
	6	7600	53.80	108	108	108	115	111	109	105	100	107
	7	6000	68.80	109	108	108	114	111	109	105	100	107
	8	4120	76.24	108	107	104	111	107	105	101	98	103
VP-8-10-31.5B CV-02026 3550 RPM	9	9600	47.22	113	112	113	120	120	115	110	105	116
	10	8000	65.00	113	112	113	120	120	115	110	105	116
	11	6400	79.89	113	112	113	119	119	115	110	104	115
	12	4600	86.62	114	112	108	114	110	107	104	101	108

CV-2027/MODEL VP-8

12" INLET, 10" OUTLET
 3550 RPM, .075 DENSITY @ INLET
 IV = CFM/.7854, OV = CFM/.5454

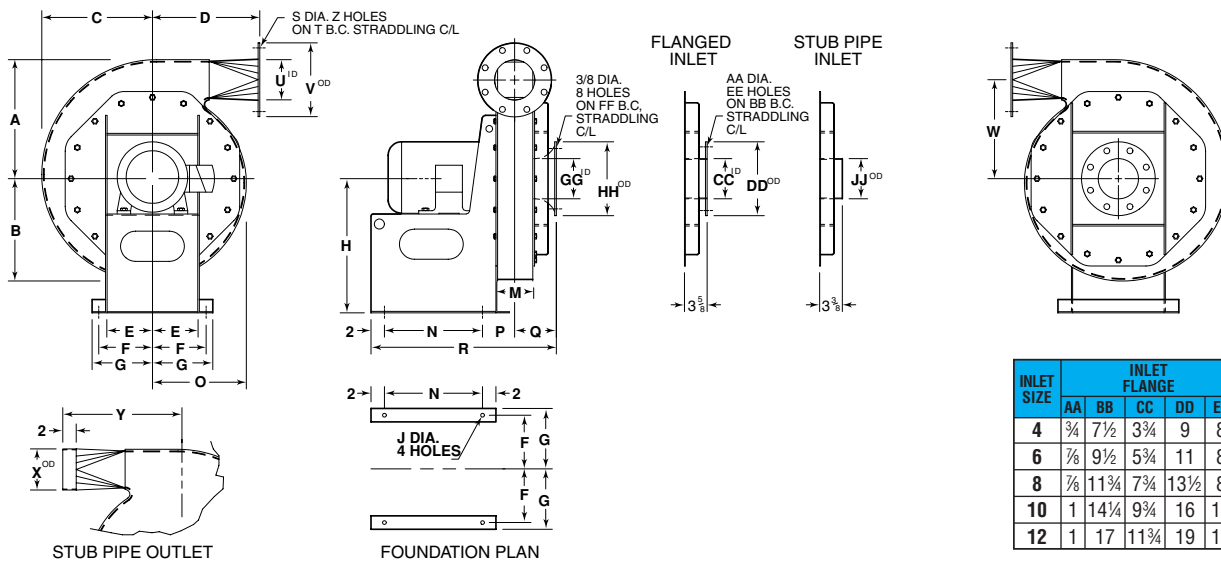
KEY TO GRAPH:

- = MODEL VP-8-12-31.5B
- - - = MODEL VP-8-12-29.8B
- · - · = MODEL VP-8-12-28.1B
- ◆ = PEAK STATIC EFFICIENCY
- = OCTAVE BAND PT.



Model Number	PT	CFM	SP	Octave Band (Hz)								dBa @ 5'
				63	125	250	500	1000	2000	4000	8000	
VP-8-12-28.1B CV-02027 3550 RPM	1	9200	29.45	114	114	111	116	110	107	104	100	108
	2	7400	45.68	114	114	111	116	110	107	104	100	108
	3	5600	59.97	112	114	109	114	109	107	103	99	105
	4	3700	65.84	111	110	105	109	106	103	100	97	101
VP-8-12-29.8B CV-02027 3550 RPM	5	9600	37.47	106	110	108	117	111	108	104	100	108
	6	7800	54.66	106	110	108	117	111	108	104	100	108
	7	6000	69.69	106	109	107	116	111	108	104	100	108
	8	4100	75.25	105	106	104	113	107	104	101	97	105
VP-8-12-31.5B CV-02027 3550 RPM	9	10000	49.16	106	110	114	124	124	117	113	115	119
	10	8400	65.20	106	110	114	124	124	117	113	115	119
	11	6400	80.31	106	109	113	123	123	116	113	114	118
	12	4600	86.19	106	107	106	119	112	108	104	106	109

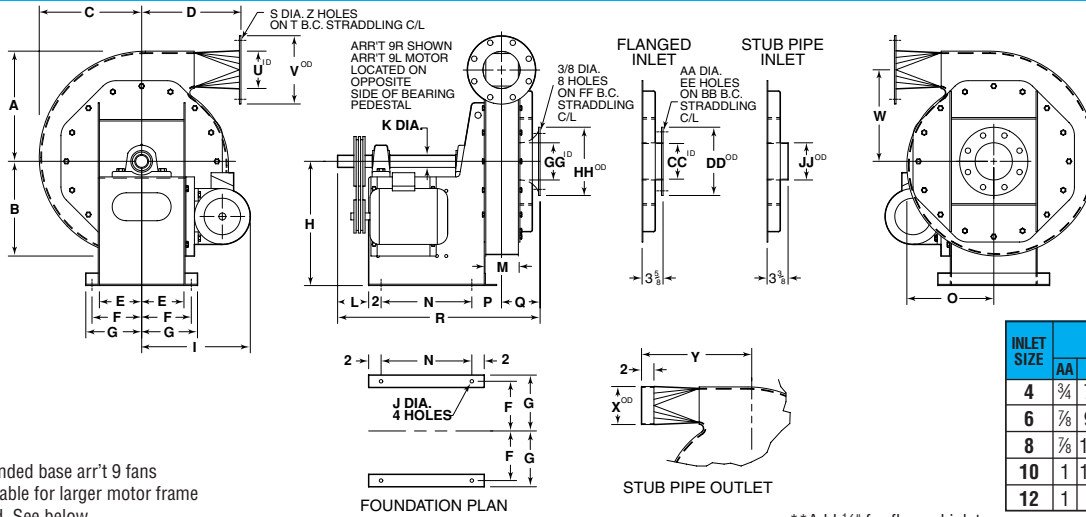
DIMENSIONAL DATA ARRANGEMENT 4



INLET SIZE	INLET FLANGE				INLET VENTURI				STUB PIPE
	AA	BB	CC	DD	EE	FF	GG	HH	
4	3/4	7/2	3 3/4	9	8	8	3 3/8	9	4
6	7/8	9 1/2	5 3/4	11	8	10	5 3/8	11	6
8	1	11 3/4	7 3/4	13 1/2	8	13	7 7/8	14	8
10	1 1/4	14 1/4	9 3/4	16	12	16	9 7/8	17	10
12	1 7/8	17	11 3/4	19	12	20	11 7/8	22	12

FAN SIZE	A	B	C	D	E	F	G	H	J	M	N	O	P	*Q	*R	S	T	U	V	W	X	Y	Z	APPROX. FAN WT. LESS MOTOR	FRAME SIZES
1N										2 1/8			3 3/16	4 7/16	21 5/8	3/4	7 1/2	4	9		4	8		143-T	
1	13 1/4	11 1/2	12 3/8	12 3/8	5 7/8	7	8	17	3/8	4	12	10 3/8	4 1/8	5 3/8	23 1/2	7/8	8 1/2	5	10	10 1/2	5	14 3/8	8	185	THRU 215-T
2										5			4 3/8	5 3/8	24 1/2	7/8	9 1/2	6	11	6		8		215-T	
3N										2 3/8			3 3/16	4 9/16	24 1/2	3/4	7 1/2	4	9		4	8		143-T	
3	17 3/4	15 1/4	16 1/2	16	6 9/16	8	9	20	3/8	4 1/2	14 3/8	14	4 3/8	5 3/8	26 3/8	7/8	9 1/2	6	11	14 3/4	6	17 3/8	8	260	THRU 286-T
4										5 1/2			4 3/8	6 3/8	27 3/8	7/8	9 1/2	6	11	6		8		286-T	
5N										2 1/2			3 3/8	4 3/8	28 1/2	3/4	7 1/2	4	9		4	8		213-T	
5	19 3/4	17 3/4	18 3/4	18 3/4	8 3/4	10	11	26	1/8	4 3/4	18 1/2	16 3/4	4 1/2	5 3/4	30 3/4	7/8	9 1/2	6	11	16 1/2	6	20 1/2	8	390	THRU 326-T
6										6			5 1/8	6 3/8	32	7/8	11 3/4	8	13 1/2	8		8		326-T	
7N										3			3 1/16	4 3/8	32 1/16	7/8	9 1/2	6	11		6	8		213-T	
7	23 3/16	21 1/16	22 1/4	22 1/4	10 1/2	12	13	32	1/16	5 3/8	21 1/2	19 3/8	5	6 3/16	34 1/16	5/8	11 3/4	8	13 1/2	19 3/8	8	24	8	800	THRU 405-T
8										7 3/8			5 3/4	6 3/16	36 3/8	1	14 1/4	10	16		10	12		405-T	

DIMENSIONAL DATA ARRANGEMENT 9



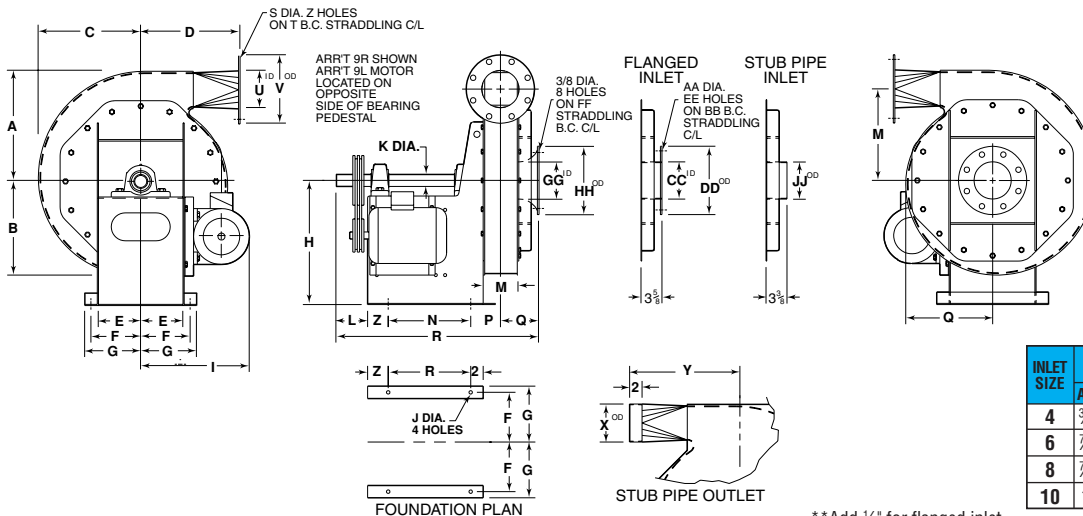
INLET SIZE	INLET FLANGE				INLET VENTURI				STUB PIPE	
	AA	BB	CC	DD	EE	FF	GG	HH	JJ	JJ'
4	3/4	7/2	3 3/4	9	8	8	3 3/8	9	4	
6	7/8	9 1/2	5 3/4	11	8	10	5 7/8	11	6	
8	7/8	11 3/4	7 3/4	13 1/2	8	13	7 7/8	14	8	
10	1	14 1/4	9 3/4	16	12	16	9 7/8	17	10	
12	1	17	11 3/4	19	12	20	11 7/8	22	12	

*Extended base arr't 9 fans available for larger motor frame sized. See below.

**Add 1/4" for flanged inlet

FAN SIZE	A	B	C	D	E	F	G	H	I - MOTOR FRAME SIZE				J	K	L	M	N	O	P	**Q	**R	S	T	U	V	W	X	Y	Z	MAXIMUM ARR'T 9 FRAME	APPROX. FAN WT. LESS MOTOR	
									143T	182T	213T	254T																				284T
1N									143T	182T	213T	254T	284T																			
1	13 3/4	11 1/2	12 3/8	12 3/8	5 7/8	7	8	17	14 1/2	16 3/8	*	-	-	3/8	1 1/16	4	2 1/2	4	12	10%	3 3/8	4 1/8	25 3/8	3/4	7 1/2	4	9	4	14%	8	184-T*	250
2																					4 1/2	5 1/8	28 1/2	7/8	9 1/2	6	11	6				
3N																					3 3/8	4 9/16	29 1/2	3/4	7 1/2	4	9	4				
3	17 3/4	15 1/4	16 1/2	16	16 1/16	8	9	20	-	17 3/8	19 1/2	*	-	3/8	1 5/16	5	4 1/2	14 3/8	14	4%	5%	31 3/8	7/8	9 1/2	6	11	6	17%	8	215-T*	310	
4																					4 7/8	6 1/8	32 3/8	7/8	9 1/2	6	11	6				
5N																					2 1/2	3 1/8	34 1/2	3/4	7 1/2	4	9	4				
5	19 3/4	17 3/4	18 3/4	18 3/4	8 3/4	10	11	26	-	21 1/2	23 3/8	*	1 1/16	2 3/16	6	4 3/4	18 1/2	16 3/4	4%	5%	36 3/4	7/8	9 1/2	6	11	6	20 1/2	8	256-T*	480		
6																					6	6 3/8	38	7/8	11 3/4	8	13 1/2	8				
7N																					3 1/16	4 1/8	39 1/8	7/8	9 1/2	6	11	6				
7	23 3/16	21 1/16	22 1/4	22 1/4	10 1/2	12	13	32	-	23 3/8	25 3/16	26 3/8	1 1/16	2 1/16	7	5 5/8	21 1/2	19 3/8	5	6 3/16	41 1/16	7/8	11 3/4	8	13 1/2	8	24	8	286-T*	870		
8																					7 7/8	8 1/2	43 3/8	1	14 1/4	10	16	10	12			

DIMENSIONAL DATA ARRANGEMENT 9 WITH EXTENDED BASE

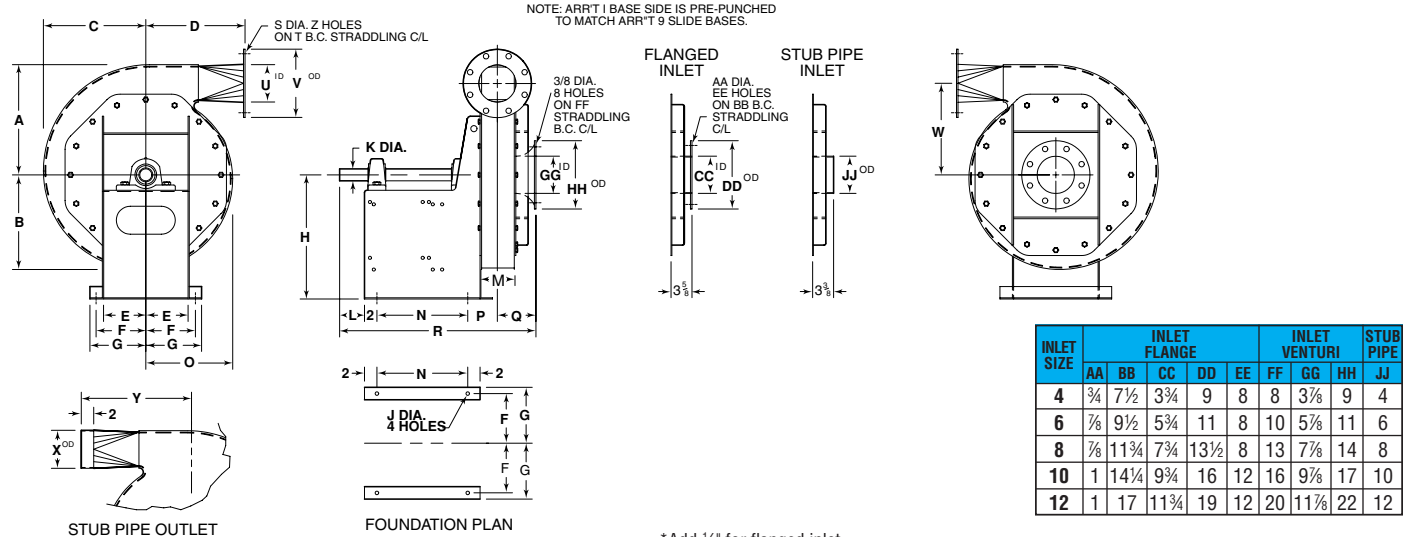


INLET SIZE	INLET FLANGE				INLET VENTURI				STUB PIPE	
	AA	BB	CC	DD	EE	FF	GG	HH	JJ	JJ'
4	3/4	7/2	4 7/8	9	8	8	3 3/8	9	4	
6	7/8	9 1/2	6 1/8	11	8	10	5 7/8	11	6	
8	7/8	11 3/4	8 3/8	13 1/2	8	13	7 7/8	14	8	
10	1	14 1/4	10 3/8	16	12	16	9 7/8	17	10	

**Add 1/4" for flanged inlet

FAN SIZE	A	B	C	D	E	F	G	H	I - MOTOR FRAME SIZE				J	K	L	M	N	O	P	**Q	**R	S	T	U	V	W	X	Y	Z	KK	MAXIMUM ARR'T 9 FRAME	APPROX. FAN WT. LESS MOTOR
									213T	254T	284T	324T																				
1N									213T	254T	284T	324T																				
1	13 3/4	11 1/2	12 3/8	12 3/8	5 7/8	7	8	17	18 1/2	-	-	-	3/8	1 1/16	4	2 1/2	4	12	10%	3 3/8	4 1/8	27 3/8	3/4	7 1/2	4	9	4	14%	8	8	215-T	270
2																					4 1/2	5 1/8	30 1/2	7/8	9 1/2	6	11	6				
3N																					3 3/8	4 9/16	32 1/2	3/4	7 1/2	4	9	4				
3	17 3/4	15 1/4	16 1/2	16	16 1/16	8	9	20	19 1/2	21 1/8	-	-	3/8	1 5/16	5	4 1/2	14 3/8	14	4%	5%	34 3/8	7/8	9 1/2	6	11	6	17%	8	8	256-T	340	
4																					4 7/8	6 1/8	35 3/8	7/8	9 1/2	6	11	6				
5N																					2 1/2	3 1/8	37 1/2	3/4	7 1/2	4	9	4				
5	19 3/4	17 3/4	18 3/4	18 3/4	8 3/4	10	11	26	21 1/2	23 3/8	25 3/8	-	1 1/16	2 3/16	6	4 3/4	18 1/2	16 3/4	4%	5%	39 3/4	7/8	9 1/2	6	11	6	20 1/2	8	8	286-T	515	
6																					6	6 3/8	41	7/8	11 3/4	8	13 1/2	8				
7N																					3 1/16	4 1/8	42 1/8	7/8	9 1/2	6	11	6				
7	23 3/16	21 1/16	22 1/4	22 1/4	10 1/2	12	13	32	23 3/8	25 3/16	26 3/8	29	1 1/16	2 1/16	7	5 5/8	21 1/2	19 3/8	5	6 3/16	44 1/16	7/8	11 3/4	8	13 1/2	8	24	8	326-T	920		
8																					7 7/8	8 1/2	46 3/8	1	14 1/4	10	16	10	12			

DIMENSIONAL DATA ARRANGEMENT 1

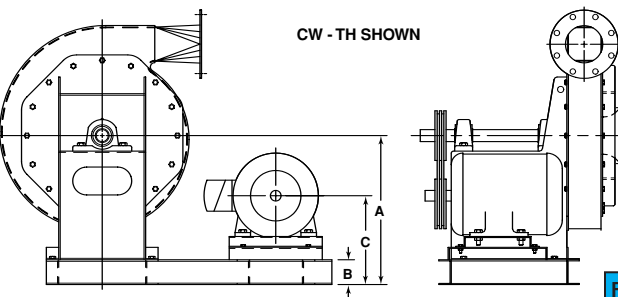


INLET SIZE	INLET FLANGE				INLET VENTURI				STUB PIPE
	AA	BB	CC	DD	EE	FF	GG	HH	
4	3/4	7 1/2	3 3/4	9	8	8	3 3/8	9	4
6	7/8	9 1/2	5 3/4	11	8	10	5 7/8	11	6
8	7/8	11 1/4	7 3/4	13 1/2	8	13	7 7/8	14	8
10	1	14 1/4	9 3/4	16	12	16	9 7/8	17	10
12	1	17	11 3/4	19	12	20	11 7/8	22	12

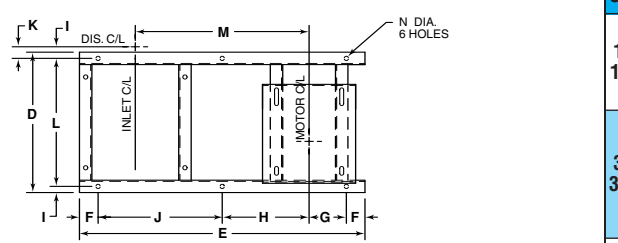
*Add 1/4" for flanged inlet

FAN SIZE	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	*Q	*R	S	T	U	V	W	X	Y	Z	ARR'T 9 FRAME	APPROX. FAN WT. LESS MOTOR
1N																											
1	13 1/4	11 1/2	12 3/8	12 3/8	5 7/8	7	8	17	9 1/8	1 1/16	4	2 1/8	12	10 3/8	3 3/16	4 7/16	25 3/8	3/4	7 1/2	4	9	10 1/2	4	14 3/8	8	143-T	245
2												5			4 3/8	5 3/8	27 1/2	7/8	8 1/2	5	10	6	5	8	182-T		
3N												2 3/8			3 3/16	4 9/16	29 1/2	3/4	7 1/2	4	9	14 3/4	4	17 3/4	8	182-T	300
3	17 3/4	15 1/4	16 1/2	16	6 13/16	8	9	20	9 1/8	1 15/16	5	4 1/2	14 3/8	14	4 3/8	5 5/8	31 3/8	7/8	9 1/2	6	11	6	6	8	184-T		
4												5 1/2			4 7/8	6 1/8	32 3/8	7/8	9 1/2	6	11	6	6	8	213-T		
5N												2 1/2			3 3/8	4 3/8	34 1/2	3/4	7 1/2	4	9	16 1/2	4	20 1/2	8	213-T	465
5	19 3/4	17 3/4	18 3/4	18 3/4	8 3/4	10	11	26	1 1/8	2 3/16	6	4 3/4	18 1/2	16 3/4	4 1/2	5 3/4	36 3/4	7/8	9 1/2	6	11	8	8	8	215-T		
6												6			5 1/8	6 3/8	38	7/8	11 3/4	8	13 1/2	6	8	8	8	254-T	
7N												3			3 1/16	4 3/8	39 1/16	7/8	9 1/2	6	11	19 3/8	6	24	8	213-T	850
7	23 7/16	21 1/16	22 1/4	22 1/4	10 1/2	12	13	32	1 1/8	2 7/16	7	5 5/8	21 1/2	19 7/8	5	6 3/16	41 11/16	7/8	11 3/4	8	13 1/2	8	8	8	215-T		
8												7 1/8			5 3/4	6 15/16	43 3/16	1	14 1/4	10	16	10	10	12	254-T		

DIMENSIONAL DATA ARRANGEMENT 1 UNITARY (Motor Position W)



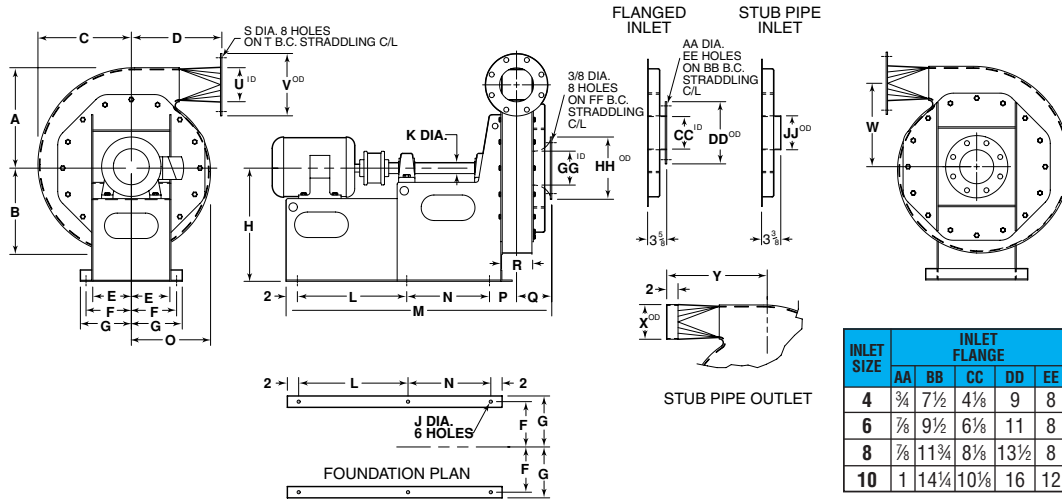
Also available in motor position Z



FAN SIZE	FRAME SIZE	A	B	C	D	E	F	H	J	K				L	M	N	O	APPROX. TOTAL WT. INCLUDING FAN, MDT, UNI.
										1N 3N 5N 7N	1 3 5 7	2 4 6 8						
1N, 1&2	182T	21	4	11 3/8	20	40	3	11	16	3/8	1 1/8	1 5/8	18	23	1 1/8	23.9	407	
	184T			423														
	213T			481														
	215T			503														
	254T			600														
3N, 3&4	182T	24	4	11 3/8	22 3/8	46	3	13 1/2	18 1/2	5/8	1 3/8	1 7/8	20 3/8	28	1 1/8	30.2	469	
	184T			485														
	213T			544														
	215T			566														
	254T			663														
5N, 5&6	182T	32	6	14 3/8	27 1/2	52	3	16	22	★	1	1 5/8	25 1/2	31	1 1/8	34.7	865	
	184T			887														
	213T			992														
	215T			1023														
	254T			1140														
7N, 7&8	182T	38	6	14 3/8	30 1/2	62	3	18 1/2	25 1/2	3/8	1 1/2	2 1/4	28 1/2	34	1 3/8	41.3	1140	
	184T			1160														
	213T			1250														
	215T			1275														
	254T			1350														
	286T			1390														
	324T			1475														
	365T			1700														
405T	1920																	

★ Discharge C/L on size 5N is actually 1/8" to opposite side mounting hole as shown.

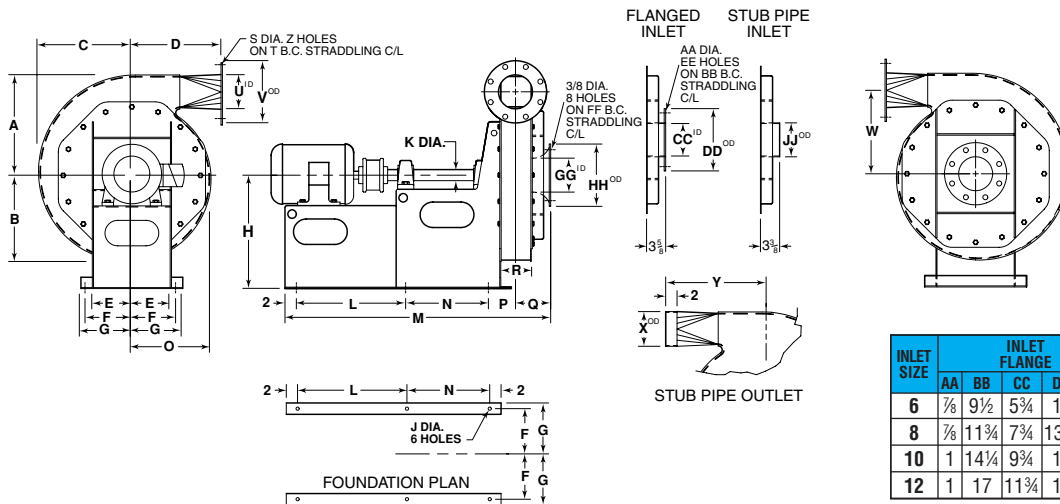
DIMENSIONAL DATA ARRANGEMENT 8 (Sizes 1 through 6)



INLET SIZE	INLET FLANGE				INLET VENTURI				STUB PIPE	
	AA	BB	CC	DD	EE	FF	GG	HH	JJ	KK
4	3/4	7/2	4/8	9	8	8	3/8	9	4	
6	7/8	9 1/2	6 1/8	11	8	10	5/8	11	6	
8	7/8	11 1/4	8 1/8	13 1/2	8	13	7/8	14	8	
10	1	14 1/4	10 3/8	16	12	16	9/8	17	10	

FAN SIZE	A	B	C	D	E	F	G	H	J	K	143T / 145T		182T / 184T		213T / 215T		254T / 256T		284TS / 286TS		324TS / 326TS		N	O	P	*Q	R	S	T	U	V	W	X	Y	APPROX. FAN WT. LESS MOTOR			
1N											L	*M	L	*M	L	*M	L	*M	L	*M	L	*M																
1	13 3/4	11 1/2	12 3/8	12 5/8	5 7/8	7	8	17	9/16	1 1/16	14 5/8	36 1/4	37 3/4	39 1/4	40 3/4	42 3/4	23 3/8	47 3/8					12	10 5/8	3 3/16	4 7/16	2 1/8	3/4	7 1/2	4	9		4	14 3/8	240			
2											39 1/8	40 3/8	43 1/8	48 3/8																								
3N											39 1/16	41 1/16	44 1/16	48 7/16	49 3/16																							
3	17 3/4	15 1/4	16 1/2	16	6 3/16	8	9	20	9/16	1 5/16	15 3/8	41 13/16	43 1/4	46 1/4	24 3/8	51	25 1/2	51 3/4					14 5/8	14	3 3/16	4 9/16	2 3/8	3/4	7 1/2	4	9		4	17 3/4	335			
4											42 13/16	44 1/4	47 1/4	52	52 3/4																							
5N																																						
5	19 3/4	17 3/4	18 3/4	18 3/4	8 3/4	10	11	26	1 1/16	2 3/16					21	51 3/4	25 5/8	56 3/8	26 5/8	57 3/8	28 5/8	59 3/8	18 1/2	16 3/4	3 3/8	4 5/8	2 3/4	3/4	7 1/2	4	9		4	20 1/2	520			
6																																						

DIMENSIONAL DATA ARRANGEMENT 8 (Sizes 7N, 7, & 8)



INLET SIZE	INLET FLANGE				INLET VENTURI				STUB PIPE	
	AA	BB	CC	DD	EE	FF	GG	HH	JJ	KK
6	7/8	9 1/2	5 3/4	11	8	10	5/8	11	6	
8	7/8	11 1/4	7 3/4	13 1/2	8	13	7/8	14	8	
10	1	14 1/4	9 3/4	16	12	16	9/8	17	10	
12	1	17	11 3/4	19	12	20	11/8	22	12	

FAN SIZE	A	B	C	D	E	F	G	H	J	K	213T / 215T		254T / 256T		284TS / 286TS		324TS / 326TS		364TS / 365TS		404TS / 405TS		N	O	P	*Q	R	S	T	U	V	W	X	Y	Z	APPROX. FAN WT. LESS MOTOR	
7N											L	M	L	M	L	M	L	M	L	M	L	M															
7	23 3/16	21 1/16	22 1/4	22 1/4	10 1/2	12	13	32	1 1/16	2 1/16	23	55 1/16	60 1/16	61 1/16	63 1/16	64 1/16	68 1/16					21 1/2	19 3/8	3 1/16	4 3/8	3	7/8	9 1/2	6	11		6	8				
8											23	57 1/16	62 1/16	63 1/16	65 1/16	66 1/16	70 1/16																				
											23	59 3/16	64 3/16	65 3/16	67 3/16	68 3/16	72 3/16																				

REPRESENTED BY:



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