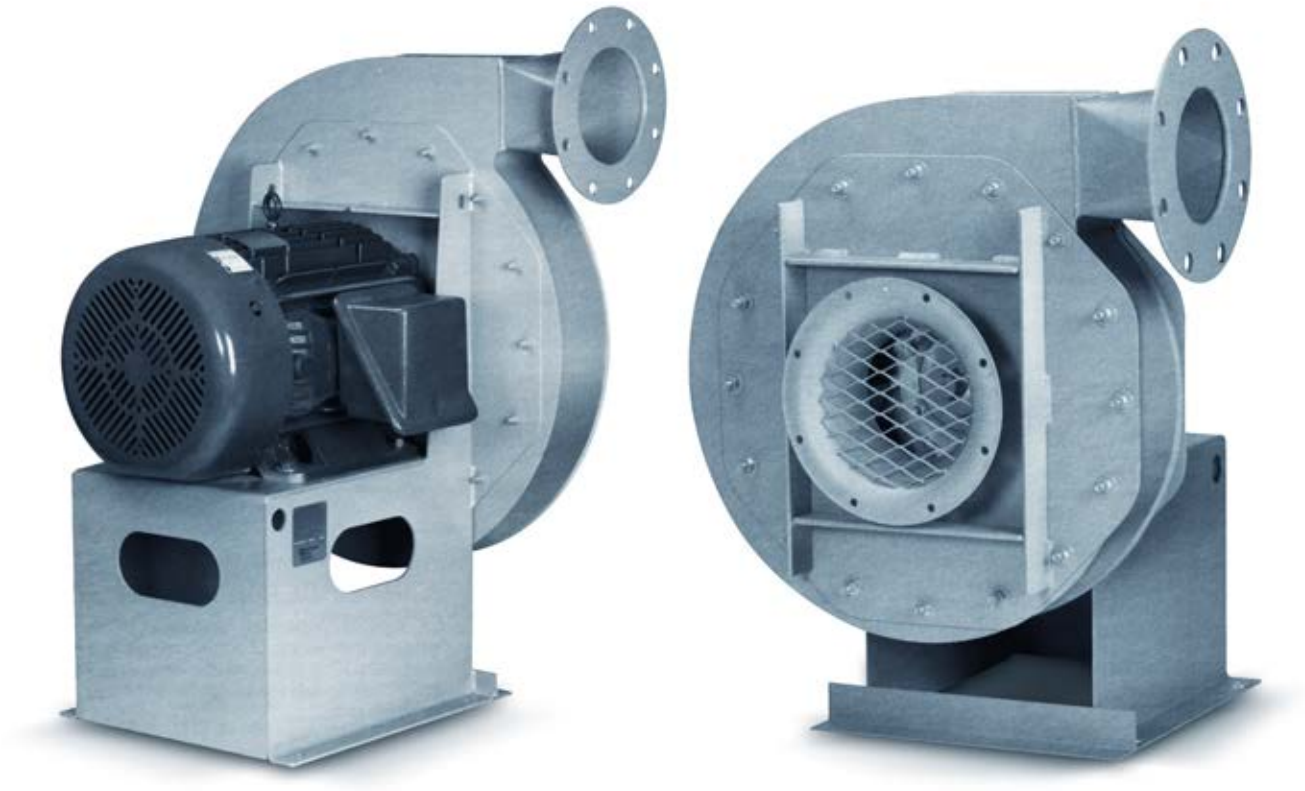
603-210-2479 MIKE@BONARDI.COM

Turbo Pressure Blowers



Certified System™
SAI GLOBAL
ISO 9001
Quality

Howden Industrial Fan Group
American Fan / Joy Fan / Garden City Fan

Revolving Around You™

Features

- Heavy gauge 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
- Pressure 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 Arrangement 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

CONTENTS

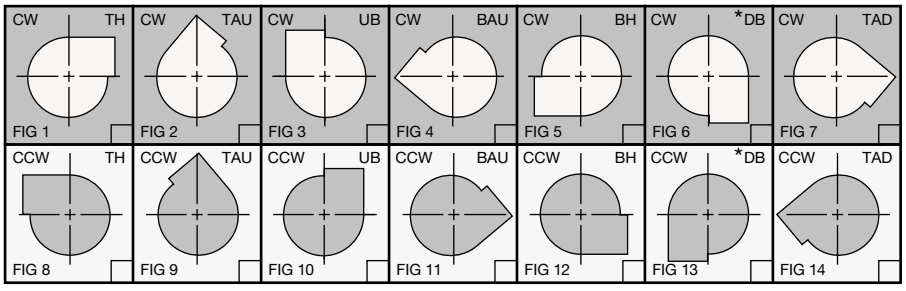
How to Specify

VP-3-06F-19A

- **VP** — Wheel Type: VP, OVP, AVP, BC, N
- **3** — Housing Size: 1, 1N, 2, 3, 3N, 4, 5, 5N or 6, 7N, 7 or 8
- **06** — Inlet Diameter
- **F** — Inlet Type: Stub Pipe, Flanged, Venturi (standard)
- **19** — Wheel Diameter
- **A** — Wheel Width Code: A, B, or N

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 ARRANGEMENT 9 BASE		EXTENDED ARRANGEMENT 9 BASE	
								SHAFT DIA.	BEARINGS (OR EQUAL)	SHAFT DIA.	BEARINGS (OR EQUAL)
1, 1N, & 2	10	12	10	10	14	12	¼	1 11/16	Dodge DLMAH	1 11/16	Dodge DLMAH
3, 3N, & 4	10	12	7	10	14	12	¼	1 15/16	Dodge DLMAH	1 15/16	Dodge DLMAH
5, 5N, & 6	10	12	¼	10	14	12	¼	2 3/16	Dodge DLMAH	2 3/16	Dodge DLMAH
7, 7N, & 8	7	10	5/16	7	14	12	¼	2 7/16	Link-Belt P-U300	2 11/16	Link-Belt P-U300

Hi-Temperature Construction

250°–400°F

Heat Slinger, high-temperature paint. Not available on Arrangement 4.

401°–700°F

Heat Slinger, high-temperature shaft seal, high-temperature paint. Arrangement 1 or 8 only.

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.

Type B

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

Type C

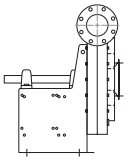
Fan shall be so constructed that a shift of the wheel or shaft will not permit two ferrous parts of the fan to rub or strike.

*Alternative to AMCA Type A

Corrosion Resistant & Special Alloys

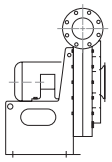
For applications involving handling of corrosive fumes, a wide variety of protective coatings and special alloy metals are available. Consult your American Fan representative or factory for full details.

Arrangements



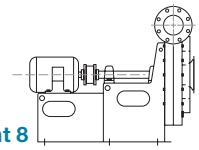
Arrangement 1

The fan wheel is overhung with both bearings mounted on a common pedestal. Arrangement 1 is suitable for high temperature and/or corrosive environment. Fan can be belt driven or directly coupled to drive motor mounted on a separate base.



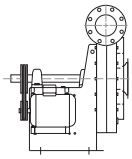
Arrangement 4

Direct drive fan with wheel mounted directly on motor shaft. Unit is designed for standard temperature applications only. With no belt loss, the direct drive fan operates at a higher efficiency.



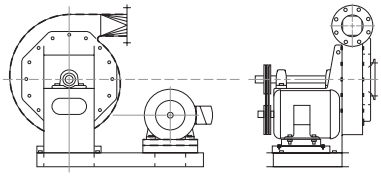
Arrangement 8

Direct drive fan through shaft and bearings. Efficiency of Arrangement 4 is maintained. However, Arrangement 8 may be used for high temperature and/or corrosive applications that require the motor shaft to be outside of airstream.



Arrangement 9

The fan wheel is overhung with both bearings mounted on a common pedestal. Fan belt is driven with drive motor mounted on bearing pedestal for a more compact unit suitable for high temperature and/or corrosive environment.



Arrangement 1 Unitary

American Fan Co. offers unitary bases constructed of heavy channel iron for high horsepower or high temperature applications where Arrangement 9 is impractical. The unitary base design is a complete packaged unit simplifying handling and installation while providing a more uniform weight distribution necessary when vibration isolators are used. Unitary bases also allow excellent access for routine maintenance.

Maximum Motor Frame Sizes

FAN SIZE	ARR'T 1 UNITARY	ARR'T 4	ARR'T 8	ARR'T 9 STD. BASE	ARR'T 9 EXT. BASE
1, 1N, & 2	256-T	215-TS	256-TS	184-T	215-T
3, 3N, & 4	286-T	286-TS	286-TS	215-T	256-T
5, 5N, & 6	326-T	326-TS	326-TS	256-T	286-T
7, 7N, & 8	405-T	405-TS	405-TS	286-T	326-T

Wheel Types, Weights, WR² & Minimum Motor HP Ratings

AVP Wheel

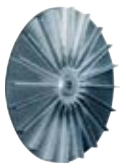
Cast Almag radial open design for light material handling applicatons. AVP is ideal for the textile industry's lint conveying applications where Type "B" spark resistant construction is required. AVP wheels are available in 17" through 23" diameters.

WHEEL	WT. (lbs.)	WR² (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.)	WR² (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.)	WR² (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

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

BC Wheel

High efficiency, welded backward curve wheel for clean air applications where low rise 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.)	WR² (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.)	WR² (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

Temperature & 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 types 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: SP = required SP x density factor for conditions from the table below, ie., equivalent SP = 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, ie., 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

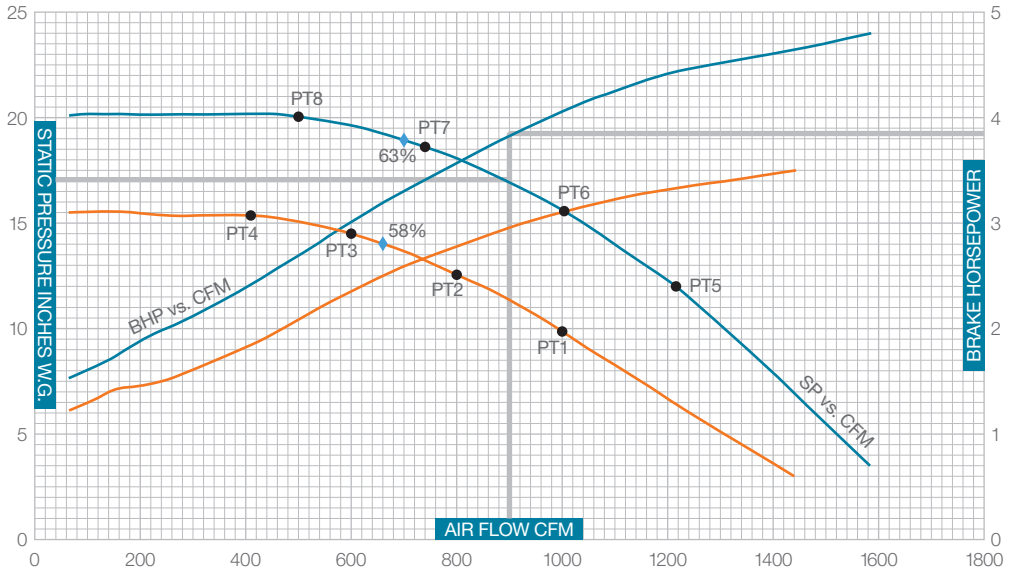
1. Based on application, determine which wheel type(s) would be appropriate.
   Example: Select blower for 900 CFM @ 17.5" SP, Clear air, 70°F. See BC Wheels.
2. Using the required CFM and SP (equivalent SP if density is other than .075lbs./Ft.) Choose a model from quick selection chart that is nearest 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 22, sound analysis of points 6 and 7 is:

TD-5030/MODEL BC-1

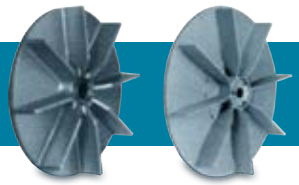
6" INLET, 5" OUTLET
3450 RPM, .075 DENSITY @ INLET
IV = CFM/.1963, OV = CFM/.1364

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) 63	125	250	500	1000	2000	4000	8000	dBA @ 5'
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



AVP/OVP Wheels 3600 RPM

CFM	BHP	MODEL	CURVE
8 OZ. SP (13.86" SP)			
1071	5.82	1-06-17A	5016
1117	5.95	1-06-18A	5016
1545	7.32	2-06-17B	5017
1703	8.81	2-06-18B	5017
10 OZ. SP (17.32" SP)			
875	4.72	1-06-17A	5016
941	5.05	1-06-18A	5016
1280	6.12	2-06-17B	5017
1472	7.72	2-06-18B	5017
1616	10.59	3-06-19A	5018
2041	12.83	3-08-19A	5019
2146	13.05	3-10-19A	5020
2403	14.50	4-08-19B	5022
2593	15.49	4-10-19B	5023
12 OZ. SP (20.78" SP)			
558	3.57	1-06-18A	5016
1154	6.09	2-06-18B	5017
1425	9.40	3-06-19A	5018
1742	11.29	3-08-19A	5019
1895	11.98	3-10-19A	5020
2136	13.05	4-08-19B	5022
2303	14.11	4-10-19B	5023
2483	17.91	3-10-21A	5020
2683	19.24	4-08-21B	5022
2907	20.82	4-10-21B	5023
14 OZ. SP (24.25" SP)			
1122	7.72	3-06-19A	5018
1439	9.38	3-08-19A	5019
1557	10.24	3-10-19A	5020
1756	11.08	4-08-19B	5022
1939	12.28	4-10-19B	5023
2002	15.12	3-08-21A	5019
2211	16.39	3-10-21A	5020
2420	17.49	4-08-21B	5022
2744	24.59	5-08-23A	5025
3031	26.71	5-10-23A	5026
3801	35.07	6-08-23B	5028
4463	39.89	6-10-23B	5029
16 OZ. SP (27.71" SP)			
1422	10.65	3-06-21A	5018
1666	13.12	4-06-21B	5021
1761	13.50	3-08-21A	5019
1894	14.28	3-10-21A	5020

CFM	BHP	MODEL	CURVE
16 OZ. SP *(continued)*			
2071	15.28	4-08-21B	5022
2260	16.62	4-10-21B	5023
2517	22.59	5-08-23A	5025
2782	24.74	5-10-23A	5026
3495	32.45	6-08-23B	5028
4148	37.08	6-10-23B	5029
18 OZ. SP (31.18" SP)			
652	6.23	3-06-21A	5018
1184	9.92	4-08-21B	5022
1362	10.26	3-08-21A	5019
1484	11.05	3-10-21A	5020
1850	17.07	5-06-23A	5024
2285	20.50	5-08-23A	5025
2516	22.30	5-10-23A	5026
3178	29.69	6-08-23B	5028
3603	32.63	6-10-23B	5029
3965	46.30	7-08-26.5A	02015
4879	56.14	7-10-26.5A	02016
5370	65.17	8-08-26.5B	02018
6810	79.35	8-10-26.5B	02019
20 OZ. SP (34.64" SP)			
1603	15.31	5-06-23A	5024
2012	18.16	5-08-23A	5025
2219	19.73	5-10-23A	5026
2853	26.80	6-08-23B	5028
3213	29.53	6-10-23B	5029
3819	44.08	7-08-26.5A	02015
4589	52.89	7-10-26.5A	02016
5083	61.68	8-08-26.5B	02018
6433	75.02	8-10-26.5B	02019
22 OZ. SP (38.10" SP)			
1155	12.50	5-06-23A	5024
1641	15.29	5-08-23A	5025
1842	16.74	5-10-23A	5026
1981	18.87	6-06-23B	5027
2559	23.93	6-08-23B	5028
2798	26.18	6-10-23B	5029
3656	41.80	7-08-26.5A	02015
4309	49.49	7-10-26.5A	02016
4482	58.01	7-08-28A	02015
4814	58.09	8-08-26.5B	02018
5186	68.14	7-10-28A	02016
5450	68.71	7-12-28A	02017
5756	78.24	8-08-28B	02018

CFM	BHP	MODEL	CURVE
22 OZ. SP *(continued)*			
5971	69.64	8-10-26.5B	02019
6087	91.06	7-10-30A	02016
7243	95.99	8-10-28B	02019
7833	98.67	8-12-28B	02020
24 OZ. SP (41.57" SP)			
1913	18.13	6-08-23B	5028
2102	19.94	6-10-23B	5029
3462	39.42	7-08-26.5A	02015
4040	45.96	7-10-26.5A	02016
4334	55.17	7-08-28A	02015
4581	54.51	8-08-26.5B	02018
4931	64.47	7-10-28A	02016
5210	65.51	7-12-28A	02017
5450	73.55	8-08-28B	02018
5476	63.75	8-10-26.5B	02019
5862	87.65	7-10-30A	02016
6302	90.32	7-12-30A	02017
6858	90.97	8-10-28B	02019
7359	93.37	8-12-28B	02020
26 OZ. SP (45.03" SP)			
3213	38.86	7-08-26.5A	02015
3732	42.12	7-10-26.5A	02016
4169	52.29	7-08-28A	02015
4756	60.95	7-10-28A	02016
5044	62.61	7-12-28A	02017
5648	84.15	7-10-30A	02016
6041	86.83	7-12-30A	02017
4310	50.64	8-08-26.5B	02018
4973	57.64	8-10-26.5B	02019
5145	68.92	8-08-28B	02018
6436	85.81	8-10-28B	02019
6909	88.91	8-12-28B	02020
6117	95.48	8-08-30B	02018
28 OZ. SP (48.05" SP)			
2912	33.84	7-08-26.5A	02015
3357	37.74	7-10-26.5A	02016
3955	46.22	8-08-26.5B	02018
3973	49.34	7-08-28A	02015
4560	52.41	8-10-26.5B	02019
4580	57.39	7-10-28A	02016
4658	67.77	7-08-30A	02015
4857	59.58	7-12-28A	02017
4894	65.11	8-08-28B	02018
5441	80.55	7-10-30A	02016

CFM	BHP	MODEL	CURVE
28 OZ. SP *(continued)*			
5808	83.33	7-12-30A	02017
5912	91.73	8-08-30B	02018
5998	80.49	8-10-28B	02019
6480	84.38	8-12-28B	02020
7351	112.12	8-10-30B	02019
8082	118.32	8-12-30B	02020
30 OZ. SP (51.96" SP)			
2484	29.73	7-08-26.5A	02015
2853	33.03	7-10-26.5A	02016
3483	40.53	8-08-26.5B	02018
3721	46.28	7-08-28A	02015
4043	46.24	8-10-26.5B	02019
4376	53.76	7-10-28A	02016
4494	64.81	7-08-30A	02015
4638	56.35	7-12-28A	02017
4671	61.76	8-08-28B	02018
5279	76.92	7-10-30A	02016
5647	80.06	7-12-30A	02017
5656	75.39	8-10-28B	02019
5696	87.92	8-08-30B	02018
6108	79.62	8-12-28B	02020
7016	106.49	8-10-30B	02019
7743	113.41	8-12-30B	02020
32 OZ. SP (55.42" SP)			
2683	30.99	8-08-26.5B	02018
3423	43.03	7-08-28A	02015
4087	50.04	7-10-28A	02016
4316	52.65	7-12-28A	02017
4317	61.78	7-08-30A	02015
4406	57.85	8-08-28B	02018
5105	73.22	7-10-30A	02016
5332	70.17	8-10-28B	02019
5468	83.91	8-08-30B	02018
5478	76.70	7-12-30A	02017
5717	74.26	8-12-28B	02020
6626	101.05	8-10-30B	02019
7415	107.38	8-12-30B	02020
34 OZ. SP (58.89" SP)			
3035	39.33	7-08-28A	02015
3651	45.68	7-10-28A	02016
3856	47.83	7-12-28A	02017
4032	52.44	8-08-28B	02018
4118	58.62	7-08-30A	02015
4909	69.41	7-10-30A	02016

CFM	BHP	MODEL	CURVE
34 OZ. SP *(continued)*			
4937	64.13	8-10-28B	02019
5223	79.46	8-08-30B	02018
5230	67.41	8-12-28B	02020
5286	73.18	7-12-30A	02017
6261	95.37	8-10-30B	02019
7066	101.26	8-12-30B	02020
36 OZ. SP (62.35" SP)			
1445	22.50	7-08-28A	02015
2909	38.24	7-12-28A	02017
2935	38.70	7-10-28A	02016
3464	44.40	8-08-28B	02018
3883	55.23	7-08-30A	02015
4390	56.31	8-10-28B	02019
4455	56.74	8-12-28B	02020
4679	65.47	7-10-30A	02016
4973	74.34	8-08-30B	02018
5059	69.44	7-12-30A	02017
5975	89.75	8-10-30B	02019
6687	95.93	8-12-30B	02020
38 OZ. SP (65.81" SP)			
3538	51.35	7-08-30A	02015
4374	61.32	7-10-30A	02016
4690	68.73	8-08-30B	02018
4691	64.98	7-12-30A	02017
5659	83.63	8-10-30B	02019
6260	90.29	8-12-30B	02020
40 OZ. SP (69.28" SP)			
3063	46.07	7-08-30A	02015
3973	56.31	7-10-30A	02016
4176	59.00	7-12-30A	02017
4323	62.43	8-08-30B	02018
5265	76.38	8-10-30B	02019
5762	82.75	8-12-30B	02020
42 OZ. SP (72.74" SP)			
3098	46.80	7-10-30A	02016
3106	46.82	7-12-30A	02017
3736	54.06	8-08-30B	02018
4687	66.89	8-10-30B	02019
5039	71.63	8-12-30B	02020

Shaded selections not available with cast aluminum wheel (model AVP).
Un-shaded selections available with cast aluminum wheel (model AVP) or with steel wheel (model OVP).

BC Wheels 3600 RPM

CFM	BHP	MODEL	CURVE
8 OZ. SP (13.86" SP)			
718	2.72	1-06-16A	5030
1222	4.21	2-06-16B	5031
1595	6.38	2-06-18B	5031
10 OZ. SP (17.32" SP)			
756	3.05	2-06-16B	5031
900	3.95	1-06-18A	5030

CFM	BHP	MODEL	CURVE
10 OZ. SP *(continued)*			
1396	5.80	2-06-18B	5031
1502	6.98	3-06-20A	5032
1872	9.04	5-08-22A	5034
1941	9.76	4-06-20B	5033
2312	13.16	4-06-22B	5033
12 OZ. SP (20.78" SP)			
1098	4.90	2-06-18B	5031

CFM	BHP	MODEL	CURVE
12 OZ. SP *(continued)*			
1254	6.19	3-06-20A	5032
1618	8.51	5-08-22A	5034
1753	9.21	4-06-20B	5033
2130	12.46	4-06-22B	5033
2237	13.20	5-08-24A	5034
2552	14.05	7-08-26A	02009
2664	14.29	6-08-22B	5035
3245	18.15	7-10-26A	02010

CFM	BHP	MODEL	CURVE
12 OZ. SP *(continued)*			
3402	21.26	6-08-24B	5035
3946	24.50	7-10-28.7A	02010
4205	26.57	7-12-28.7A	02011
14 OZ. SP (24.25" SP)			
956	5.30	3-06-20A	5032
1300	7.61	5-08-22A	5034
1449	8.05	4-06-20B	5033
1924	11.58	4-06-22B	5033

CFM	BHP	MODEL	CURVE
14 OZ. SP *(continued)*			
2077	12.83	5-08-24A	5034
2288	12.97	6-08-22B	5035
2408	14.02	7-08-26A	02009
3001	17.79	7-10-26A	02010
3060	20.34	6-08-24B	5035
3508	23.08	6-08-26B	5035
3611	23.60	8-08-26B	02012
3693	24.42	7-10-28.7A	02010

Shaded selections not available with aluminum wheel.

Note: Performances shown are for Direct Drive. For Belt Drive Selections, contact factory.

BC Wheels 3600 RPM

CFM	BHP	MODEL	CURVE
14 OZ. SP *(continued)*			
3925	26.27	7-12-28.7A	02011
4408	28.39	8-10-26B	02013
16 OZ. SP (27.71″ SP)			
794	5.70	5-08-22A	5034
1203	7.92	3-06-22A	5032
1668	10.43	4-06-22B	5033
1811	11.05	6-08-22B	5035
2081	14.16	5-08-26A	5034
2237	13.81	7-08-26A	02009
2754	17.26	7-10-26A	02010
2792	19.17	6-08-24B	5035
3260	22.46	6-08-26B	5035
3335	27.72	8-08-26B	02012
3461	24.31	7-10-28.7A	02010
3611	25.87	7-12-28.7A	02011
4007	27.22	8-10-26B	02013
4271	33.15	7-10-31.5A	02010
18 OZ. SP (31.18″ SP)			
666	5.91	3-06-22A	5032
1041	7.99	4-06-22B	5033
1557	11.00	5-08-24A	5034
1876	13.55	5-08-26A	5034
1970	13.02	7-08-26A	02009
2420	16.72	7-10-26A	02010
2426	17.60	6-08-24B	5035
2972	21.56	6-08-26B	5035

CFM	BHP	MODEL	CURVE
18 OZ. SP *(continued)*			
3056	21.63	8-08-26B	02012
3261	24.01	7-10-28.7A	02010
3312	25.31	7-12-28.7A	02011
3644	25.89	8-10-26B	02013
4055	32.94	7-10-31.5A	02010
4472	37.07	7-12-31.5A	02011
5088	39.64	8-10-28.7B	02013
5347	42.65	8-12-28.7B	02014
20 OZ. SP (34.64″ SP)			
1176	9.42	5-08-24A	5034
1659	12.72	5-08-26A	5034
1732	12.18	7-08-26A	02009
2009	15.79	6-08-24B	5035
2118	15.73	7-10-26A	02010
2628	20.24	6-08-26B	5035
2790	20.35	7-10-31.5A	02010
3075	23.59	8-08-26B	02012
3085	24.73	7-10-28.7A	02010
3285	24.59	7-12-31.5A	02011
3832	32.68	7-12-28.7A	02011
4202	36.64	8-10-26B	02013
4690	38.59	8-10-28.7B	02013
4929	41.16	8-12-28.7B	02014
22 OZ. SP (38.10″ SP)			
1392	11.58	5-08-26A	5034
1443	10.95	7-08-26A	02009

CFM	BHP	MODEL	CURVE
22 OZ. SP *(continued)*			
1802	14.26	7-10-26A	02010
2305	18.76	6-08-26B	5035
2474	18.85	8-08-26B	02012
2832	23.88	7-12-28.7A	02011
2855	22.98	7-10-28.7A	02010
2876	22.95	8-10-26B	02013
3586	32.46	7-10-31.5A	02010
3953	36.17	7-12-31.5A	02011
4342	37.40	8-10-28.7B	02013
4490	39.55	8-12-28.7B	02014
5653	52.53	8-10-31.5B	02013
6066	57.39	8-12-31.5B	02014
24 OZ. SP (41.57″ SP)			
366	5.90	7-08-26A	02009
688	7.99	5-08-26A	5034
1106	10.50	7-10-26A	02010
1955	16.89	6-08-26B	5035
2055	16.76	8-08-26B	02012
2352	20.17	8-10-26B	02013
2557	21.98	7-10-28.7A	02010
3361	31.95	7-10-31.5A	02010
3492	22.32	7-12-28.7A	02011
3696	35.44	7-12-31.5A	02011
3997	35.94	8-10-28.7B	02013
4033	37.48	8-12-28.7B	02014
5343	51.43	8-10-31.5B	02013
5730	55.92	8-12-31.5B	02014

CFM	BHP	MODEL	CURVE
26 OZ. SP (45.03″ SP)			
658	10.20	6-08-26B	5035
940	10.37	8-08-26B	02012
1178	13.05	8-10-26B	02013
2093	20.17	7-12-28.7A	02011
2235	20.39	7-10-28.7A	02010
3184	32.28	7-10-31.5A	02010
3433	34.52	7-12-31.5A	02011
3579	34.74	8-12-28.7B	02014
3661	34.23	8-10-28.7B	02013
5015	50.19	8-10-31.5B	02013
5340	54.34	8-12-31.5B	02014
28 OZ. SP (48.05″ SP)			
1645	17.60	7-12-28.7A	02011
1896	18.43	7-10-28.7A	02010
3019	30.52	7-10-31.5A	02010
3143	31.63	8-12-28.7B	02014
3194	33.40	7-12-31.5A	02011
3341	32.38	8-10-28.7B	02013
4727	48.94	8-10-31.5B	02013
4983	52.56	8-12-31.5B	02014
30 OZ. SP (51.96″ SP)			
1001	13.25	7-10-28.7A	02010
2461	26.09	8-12-28.7B	02014
2774	29.19	7-10-31.5A	02010
2868	29.24	8-10-28.7B	02013
2887	31.26	7-12-31.5A	02011

CFM	BHP	MODEL	CURVE
30 OZ. SP *(continued)*			
4394	47.14	8-10-31.5B	02013
4539	49.50	8-12-31.5B	02014
32 OZ. SP (55.42″ SP)			
1863	21.34	8-10-28.7B	02013
2502	27.34	7-10-31.5A	02010
2571	28.85	7-12-31.5A	02011
4130	45.44	8-10-31.5B	02013
4114	46.15	8-12-31.5B	02014
34 OZ. SP (58.89″ SP)			
1973	25.20	7-12-31.5A	02011
2143	24.83	7-10-31.5A	02010
3810	43.06	8-10-31.5B	02013
3647	41.88	8-12-31.5B	02014
36 OZ. SP (62.35″ SP)			
1050	18.55	7-12-31.5A	02011
1555	20.66	7-10-31.5A	02010
3034	36.50	8-12-31.5B	02014
3321	38.42	8-10-31.5B	02013
38 OZ. SP (65.81″ SP)			
1776	26.92	8-12-31.5B	02013
2604	32.38	8-10-31.5B	02014

Shaded selections not available with aluminum wheel.

N Wheels 3600 RPM

CFM	BHP	MODEL	CURVE
7 OZ. SP (12.12″ SP)			
473	2.18	1N-04-16N	5483
8 OZ. SP (13.86″ SP)			
407	1.93	1N-04-16N	5483
601	3.48	1N-04-18.5N	5483
9 OZ. SP (15.59″ SP)			
240	1.37	1N-04-16N	5483
570	3.28	1N-04-18.5N	5483
10 OZ. SP (17.32″ SP)			
39	0.87	1N-04-16N	5483
526	3.01	1N-04-18.5N	5483
628	4.80	3N-04-20N	5485
11 OZ. SP (19.05″ SP)			
457	2.65	1N-04-18.5N	5483
579	4.49	3N-04-20N	5485
12 OZ. SP (20.78″ SP)			
316	2.12	1N-04-18.5N	5483
523	4.10	3N-04-20N	5485
765	7.30	3N-04-22.5N	5485
13 OZ. SP (22.51″ SP)			
89	1.33	1N-04-18.5N	5483
456	3.81	3N-04-20N	5485

CFM	BHP	MODEL	CURVE
13 OZ. SP *(continued)*			
727	7.08	3N-04-22.5N	5485
14 OZ. SP (24.25″ SP)			
364	3.41	3N-04-20N	5485
697	6.85	3N-04-22.5N	5485
762	8.93	5N-04-24N	5486
15 OZ. SP (25.98″ SP)			
176	2.56	3N-04-20N	5485
659	6.60	3N-04-22.5N	5485
730	8.71	5N-04-24N	5486
16 OZ. SP (27.71″ SP)			
26	2.26	3N-04-20N	5485
619	6.34	3N-04-22.5N	5485
695	8.50	5N-04-24N	5486
17 OZ. SP (29.44″ SP)			
569	6.06	3N-04-22.5N	5485
657	8.27	5N-04-24N	5486
18 OZ. SP (31.18″ SP)			
503	5.74	3N-04-22.5N	5485
618	8.00	5N-04-24N	5486
19 OZ. SP (32.91″ SP)			
404	5.19	3N-04-22.5N	5485

CFM	BHP	MODEL	CURVE
19 OZ. SP *(continued)*			
575	7.71	5N-04-24N	5486
20 OZ. SP (34.64″ SP)			
201	3.78	3N-04-22.5N	5485
530	7.45	5N-04-24N	5486
868	12.37	5N-04-26.5N	5486
1640	22.03	7N-06-28.1N	02021
21 OZ. SP (36.37″ SP)			
33	3.37	3N-04-22.5N	5485
471	7.00	5N-04-24N	5486
831	12.00	5N-04-26.5N	5486
1604	21.54	7N-06-28.1N	02021
22 OZ. SP (38.10″ SP)			
374	6.00	5N-04-24N	5486
789	11.68	5N-04-26.5N	5486
1564	21.05	7N-06-28.1N	02021
23 OZ. SP (39.83″ SP)			
74	4.09	5N-04-24N	5486
733	11.33	5N-04-26.5N	5486
1521	20.55	7N-06-28.1N	02021
24 OZ. SP (41.57″ SP)			
688	10.96	5N-04-26.5N	5486

CFM	BHP	MODEL	CURVE
24 OZ. SP *(continued)*			
1473	20.07	7N-06-28.1N	02021
1699	26.04	7N-06-29.8N	02021
25 OZ. SP (43.29″ SP)			
644	10.58	5N-04-26.5N	5486
1409	19.66	7N-06-28.1N	02021
1654	25.58	7N-06-29.8N	02021
26 OZ. SP (45.03″ SP)			
606	10.12	5N-04-26.5N	5486
1341	19.15	7N-06-28.1N	02021
1605	25.09	7N-06-29.8N	02021
27 OZ. SP (46.76″ SP)			
570	9.76	5N-04-26.5N	5486
1267	18.53	7N-06-28.1N	02021
1548	25.53	7N-06-29.8N	02021
28 OZ. SP (48.05″ SP)			
490	8.99	5N-04-26.5N	5486
1183	17.67	7N-06-28.1N	02021
1482	23.88	7N-06-29.8N	02021
1729	29.95	7N-06-31.5N	02021
29 OZ. SP (50.22″ SP)			
152	6.18	5N-04-26.5N	5486
1093	16.75	7N-06-28.1N	02021

CFM	BHP	MODEL	CURVE
29 OZ. SP *(continued)*			
1417	23.25	7N-06-29.8N	02021
1692	29.55	7N-06-31.5N	02021
30 OZ. SP (51.96″ SP)			
997	15.81	7N-06-28.1N	02021
1350	22.61	7N-06-29.8N	02021
1652	29.13	7N-06-31.5N	02021
32 OZ. SP (55.42″ SP)			
1221	21.47	7N-06-29.8N	02021
1565	28.27	7N-06-31.5N	02021
34 OZ. SP (58.89″ SP)			
1078	19.79	7N-06-29.8N	02021
1446	27.37	7N-06-31.5N	02021
36 OZ. SP (62.35″ SP)			
865	17.04	7N-06-29.8N	02021
1328	26.23	7N-06-31.5N	02021
38 OZ. SP (65.81″ SP)			
1237	24.96	7N-06-31.5N	02021
40 OZ. SP (69.28″ SP)			
1115	23.32	7N-06-31.5N	02021

Shaded selections not available with cast aluminum wheel.

Note: Performances shown are for Direct Drive. For Belt Drive Selections, contact factory.

VP Wheels 3600 RPM

CFM	BHP	MODEL	CURVE
8 OZ. SP (13.86" SP)			
1320	6.75	1-06-17A	5006
1751	8.57	2-06-17B	5007
2172	11.89	12-06-18.5B	5007
10 OZ. SP (17.32" SP)			
1122	5.82	1-06-17A	5006
1498	7.54	2-06-17B	5007
1947	10.86	2-06-18.5B	5007
2159	13.25	4-06-19B	5010
12 OZ. SP (20.78" SP)			
865	4.65	1-06-17A	5006
1177	6.14	2-06-17B	5007
1264	7.56	1-06-18.5A	5006
1697	9.59	2-06-18.5B	5007
1824	11.66	3-08-19A	5009
1909	11.87	4-06-19B	5010
2174	13.16	4-08-19B	5011
14 OZ. SP (24.25" SP)			
1024	6.23	1-06-18.5A	5006
1397	8.84	3-06-19A	5008
1697	9.59	2-06-18.5B	5007
1762	11.04	4-08-19B	5011
1975	13.37	3-08-20A	5009
2016	13.55	4-06-20B	5010
2267	15.14	4-08-20B	5011
2353	17.43	4-06-21B	5010
2694	19.82	4-08-21B	5011
16 OZ. SP (27.71" SP)			
1455	10.03	3-06-20A	5008
1591	10.95	3-08-20A	5009
1772	12.52	4-08-20B	5011
2063	15.52	3-08-21A	5009
2381	17.68	4-08-21B	5011
2575	22.54	4-06-22.5B	5010
2996	25.90	4-08-22.5B	5011
18 OZ. SP (31.18" SP)			
1535	11.69	3-06-21A	5008
1679	13.08	3-08-21A	5009
1923	14.77	4-08-21B	5011
2217	19.26	3-08-22.5A	5009
2357	20.95	4-06-22.5B	5010
2730	23.74	4-08-22.5B	5011
3027	30.06	5-08-24A	5013
3204	31.89	6-06-24B	5014
3541	32.42	6-08-23B	5015
4038	39.84	6-08-24B	5015
4457	48.67	6-08-25B	5015
5814	77.59	7-08-28.1A	02022
6676	87.62	7-10-28.1A	02023
6737	89.43	7-12-28.1A	02024
7200	95.54	8-08-28.1B	02025

CFM	BHP	MODEL	CURVE
20 OZ. SP (34.64" SP)			
992	8.12	3-06-21A	5008
1712	15.62	3-06-22.5A	5008
1945	17.03	3-08-22.5A	5009
2047	18.77	4-06-22.5B	5010
2375	21.24	4-08-22.5B	5011
2652	24.47	6-06-23B	5014
2792	27.63	5-08-24A	5013
3008	29.95	6-06-24B	5014
3251	29.95	6-08-23B	5015
3747	37.29	6-08-24B	5015
4211	45.90	6-08-25B	5015
5587	74.40	7-08-28.1A	02022
6438	84.30	7-10-28.1A	02023
6482	85.88	7-12-28.1A	02024
6948	92.26	8-08-28.1B	02025
22 OZ. SP (38.10" SP)			
1423	13.23	3-06-22.5A	5008
1611	14.10	3-08-22.5A	5009
1737	16.43	4-08-22.5B	5011
1879	17.59	5-06-23A	5012
2028	18.70	5-08-23A	5013
2201	22.02	5-06-24A	5012
2394	22.05	6-06-23B	5014
2498	24.70	5-08-24A	5013
2917	26.75	6-08-23B	5015
3106	34.16	6-06-25B	5014
3443	34.37	6-08-24B	5015
3953	43.03	6-08-25B	5015
5324	71.20	7-08-28.1A	02022
6172	80.89	7-10-28.1A	02023
6205	82.20	7-12-28.1A	02024
6665	88.75	8-08-28.1B	02025
8137	106.23	8-10-28.1B	02026
8311	107.64	8-12-28.1B	02027
24 OZ. SP (41.57" SP)			
1319	13.61	5-06-23A	5012
1515	14.90	5-08-23A	5013
2022	18.55	6-06-23B	5014
2183	21.84	5-08-24A	5013
2448	22.48	6-08-23B	5015
2550	25.53	6-06-24B	5014
2631	28.21	5-08-25A	5013
3148	30.91	6-08-24B	5015
3676	40.00	6-08-25B	5015
5050	67.85	7-08-28.1A	02022
5855	77.30	7-10-28.1A	02023
5897	78.36	7-12-28.1A	02024
5900	87.12	7-08-29.8A	02022
6353	84.94	8-08-28.1B	02025
6794	99.36	7-10-29.8A	02023
6847	102.21	7-12-29.8A	02024
7355	107.86	8-08-29.8B	02025
7781	102.00	8-10-28.1B	02026

CFM	BHP	MODEL	CURVE
24 OZ. SP *(continued)*			
7941	103.80	8-12-28.1B	02027
26 OZ. SP (45.03" SP)			
1607	17.24	5-06-24A	5012
1812	18.82	5-08-24A	5013
2201	21.91	6-06-24B	5014
2315	25.02	5-08-25A	5013
2722	26.70	6-08-24B	5015
2943	35.54	5-08-26.5A	5013
3383	36.86	6-08-25B	5015
4801	64.29	7-08-28.1A	02022
5533	73.50	7-10-28.1A	02023
5572	74.27	7-12-28.1A	02024
5704	83.95	7-08-29.8A	02022
6051	80.89	8-08-28.1B	02025
6532	95.76	7-10-29.8A	02023
6580	98.02	7-12-29.8A	02024
7100	104.18	8-08-29.8B	02025
7365	97.60	8-10-28.1B	02026
7493	98.62	8-12-28.1B	02027
28 OZ. SP (48.05" SP)			
1812	20.65	5-06-25A	5012
1949	21.81	5-08-25A	5013
2426	26.20	6-06-25B	5014
2726	32.57	5-08-26.5A	5013
3015	32.72	6-08-25B	5015
3861	48.60	6-08-26.5B	5015
4591	60.60	7-08-28.1A	02022
5205	69.72	7-10-28.1A	02023
5214	70.00	7-12-28.1A	02024
5499	80.62	7-08-29.8A	02022
5790	76.72	8-08-28.1B	02025
6259	92.05	7-10-29.8A	02023
6293	93.60	7-12-29.8A	02024
6833	100.24	8-08-29.8B	02025
6925	92.62	8-10-28.1B	02026
7022	92.63	8-12-28.1B	02027
30 OZ. SP (51.96" SP)			
2081	26.57	5-06-26.5A	5012
2447	29.68	5-08-26.5A	5013
2863	34.99	6-06-26.5B	5014
3550	44.36	6-08-26.5B	5015
4355	56.68	7-08-28.1A	02022
4871	65.30	7-10-28.1A	02023
4852	65.13	7-12-28.1A	02024
5286	77.11	7-08-29.8A	02022
5512	72.29	8-08-28.1B	02025
5987	88.13	7-10-29.8A	02023
5994	89.01	7-12-29.8A	02024
6174	101.47	7-08-31.5A	02022
6459	86.67	8-10-28.1B	02026
6562	96.39	8-08-29.8B	02025
6645	87.27	8-12-28.1B	02027

CFM	BHP	MODEL	CURVE
32 OZ. SP (55.42" SP)			
1658	23.44	5-06-26.5A	5012
2057	26.20	5-08-26.5A	5013
2558	30.89	6-06-26.5B	5014
3200	39.86	6-08-26.5B	5015
4079	52.38	7-08-28.1A	02022
4531	59.68	7-12-28.1A	02024
4568	60.05	7-10-28.1A	02023
5077	73.37	7-08-29.8A	02022
5188	67.39	8-08-28.1B	02025
5671	84.22	7-12-29.8A	02024
5736	84.21	7-10-29.8A	02023
5993	98.00	7-08-31.5A	02022
6031	80.58	8-10-28.1B	02026
6252	81.52	8-12-28.1B	02027
6284	92.30	8-08-29.8B	02025
34 OZ. SP (58.89" SP)			
2265	28.38	6-08-26.5B	5015
3728	47.45	7-08-28.1A	02022
4147	53.61	7-10-28.1A	02023
4226	54.16	7-12-28.1A	02024
4760	61.54	8-08-28.1B	02025
4855	69.40	7-08-29.8A	02022
5344	79.13	7-12-29.8A	02024
5470	79.93	7-10-29.8A	02023
5676	74.74	8-10-28.1B	02026
5776	74.28	8-12-28.1B	02027
5803	94.38	7-08-31.5A	02022
6001	87.59	8-08-29.8B	02025
6524	109.29	7-12-31.5A	02024
6565	107.72	7-10-31.5A	02023
7016	105.41	8-10-29.8B	02026
7284	108.49	8-12-29.8B	02027
36 OZ. SP (62.35" SP)			
3030	40.24	7-08-28.1A	02022
3546	45.76	7-12-28.1A	02024
3633	46.46	7-10-28.1A	02023
4164	53.48	8-08-28.1B	02025
4600	65.18	7-08-29.8A	02022
5043	73.88	7-12-29.8A	02024
5111	65.41	8-12-28.1B	02027
5173	75.08	7-10-29.8A	02023
5198	67.66	8-10-28.1B	02026
5603	90.61	7-08-31.5A	02022
5729	82.15	8-08-29.8B	02025
6259	104.24	7-12-31.5A	02024
6348	103.42	7-10-31.5A	02023
6625	98.91	8-10-29.8B	02026
6930	102.04	8-12-29.8B	02027
38 OZ. SP (65.81" SP)			
3724	48.40	8-12-28.1B	02027
4236	54.88	8-10-28.1B	02026
4285	60.47	7-08-29.8A	02022

CFM	BHP	MODEL	CURVE
38 OZ. SP *(continued)*			
4726	68.30	7-12-29.8A	02024
4837	68.87	7-10-29.8A	02023
5405	76.38	8-08-29.8B	02025
5406	86.73	7-08-31.5A	02022
5978	98.87	7-12-31.5A	02024
6112	98.56	7-10-31.5A	02023
6280	92.52	8-10-29.8B	02026
6528	94.94	8-12-29.8B	02027
6631	105.48	8-08-31.5B	02025
40 OZ. SP (69.28" SP)			
3854	54.87	7-08-29.8A	02022
4304	61.79	7-12-29.8A	02024
4413	61.99	7-10-29.8A	02023
4962	70.10	8-08-29.8B	02025
5187	82.59	7-08-31.5A	02022
5678	93.16	7-12-31.5A	02024
5849	93.36	7-10-31.5A	02023
5949	86.04	8-10-29.8B	02026
6064	86.79	8-12-29.8B	02027
6357	100.30	8-08-31.5B	02025
42 OZ. SP (72.74" SP)			
2513	39.20	7-08-29.8A	02022
3547	52.22	7-10-29.8A	02023
3686	53.66	7-12-29.8A	02024
4249	60.17	8-08-29.8B	02025
4933	78.09	7-08-31.5A	02022
5316	76.20	8-12-29.8B	02027
5376	77.50	8-10-29.8B	02026
5549	87.64	7-10-31.5A	02023
6039	94.59	8-08-31.5B	02025
44 OZ. SP (76.20" SP)			
4118	59.35	8-10-29.8B	02026
4583	72.51	7-08-31.5A	02022
5031	80.47	7-12-31.5A	02024
5190	81.21	7-10-31.5A	02023
5630	87.80	8-08-31.5B	02025
46 OZ. SP (79.67" SP)			
4086	65.57	7-08-31.5A	02022
4531	72.80	7-12-31.5A	02024
4668	73.54	7-10-31.5A	02023
5125	79.94	8-08-31.5B	02025
6434	102.43	8-10-31.5B	02026
6522	103.92	8-12-31.5B	02027
48 OZ. SP (83.13" SP)			
3723	62.29	7-12-31.5A	02024
3795	62.93	7-10-31.5A	02023
4023	64.96	8-08-31.5B	02025
5638	90.38	8-12-31.5B	02027
5803	92.42	8-10-31.5B	02026
50 OZ. SP (86.59" SP)			
4608	73.38	8-10-31.5B	02026

Note: Performances shown are for Direct Drive. For Belt Drive Selections, contact factory.

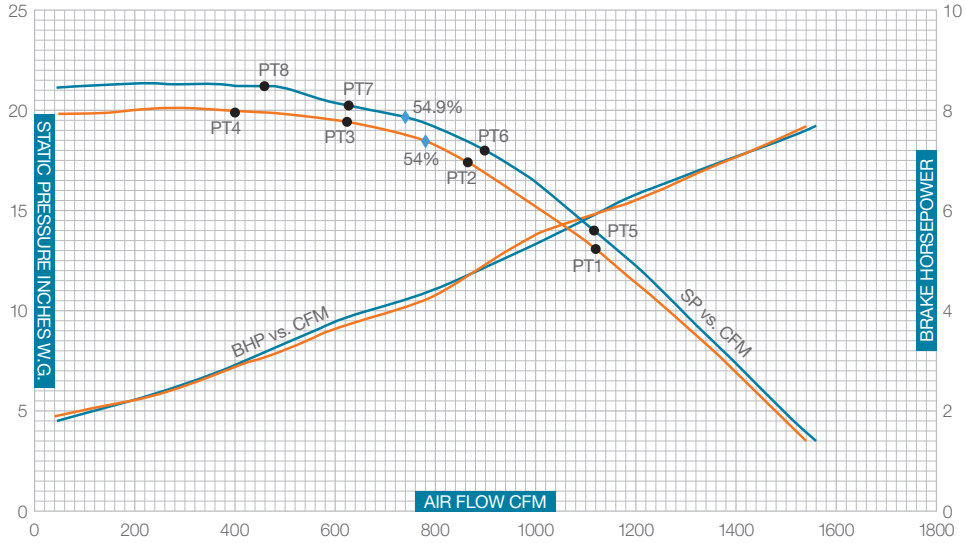
Performance Curves & Sound Data

Note: All Octave band (Hz) readings shown in charts are sound power (PWL x 1012 watts). The dBA levels shown were obtained in American Fan Company's semi-reverberant laboratory with open inlet and ducted outlet to within the laboratory. Because sound pressure varies depending on surroundings and system, dBA values obtained from your installation may be different. Reductions of dBA levels is also possible if blower is ducted on the inlet and/or outlet. dBA levels shown are intended for comparative purposes only. **IV = INLET VELOCITY OV = OUTLET VELOCITY**

TD-5016/MODEL AVP-1

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

KEY TO GRAPH:
— = MODEL AVP-1-06-18A
— = MODEL AVP-1-06-17A
♦ = PEAK STATIC EFFICIENCY
● = OCTAVE BAND PT.

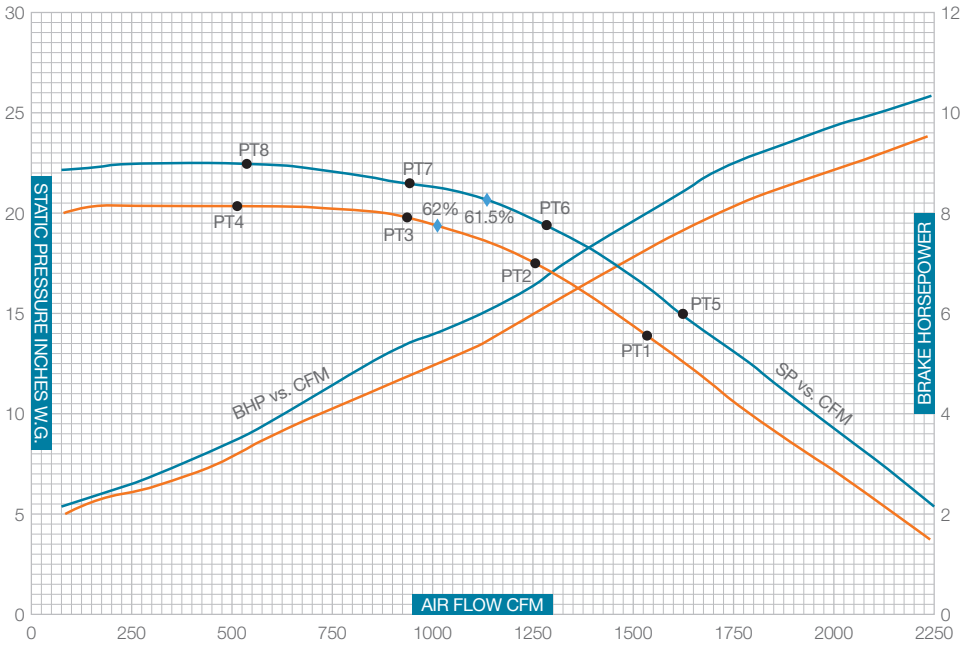


MODEL NUMBER	PT	CFM	SP	OCTAVE BAND (Hz) 63	125	250	500	1000	2000	4000	8000	dBA @ 5'
AVP-1-06-17A TD-5016 3450 RPM	1	1120	13	89	96	98	103	96	94	87	82	93
	2	890	17	87	97	96	98	94	90	85	80	89
	3	625	19.5	85	95	96	96	91	88	83	79	87
	4	400	20	86	100	97	96	91	87	83	79	86
AVP-1-06-18A TD-5016 3450 RPM	5	1100	14	88	94	100	105	98	95	86	81	95
	6	900	18	88	97	97	99	95	92	85	80	91
	7	630	20.5	88	98	96	97	94	91	83	79	89
	8	465	21.2	88	98	96	97	93	89	82	78	89

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.

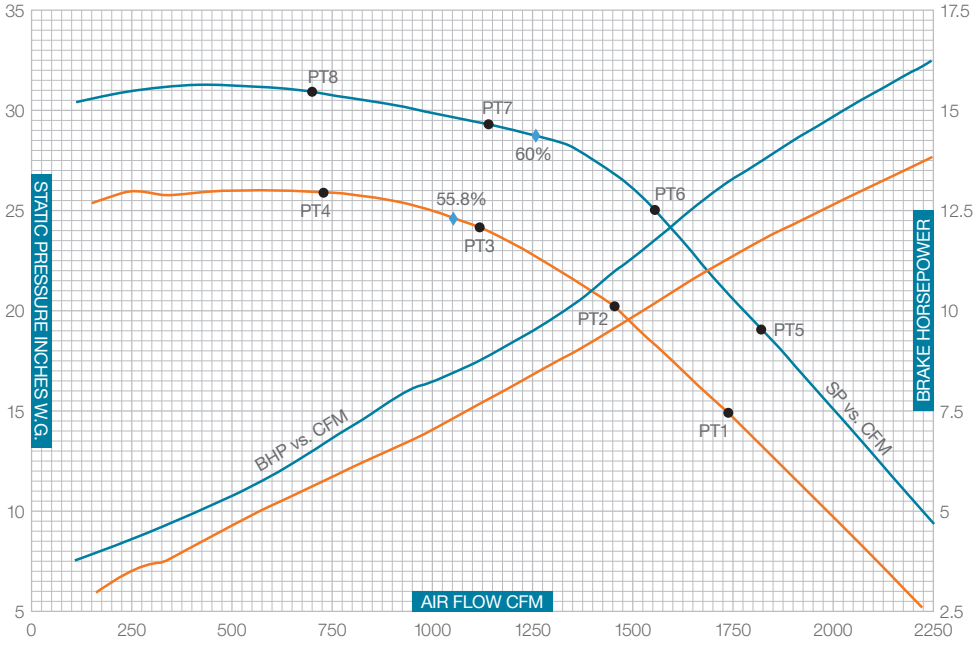


MODEL NUMBER	PT	CFM	SP	OCTAVE BAND (Hz) 63	125	250	500	1000	2000	4000	8000	dBA @ 5'
AVP-2-06-17B TD-5017 3450 RPM	1	1560	13.5	90	98	100	108	100	95	86	81	97
	2	1255	17.5	87	95	97	101	96	92	85	80	92
	3	925	19.9	87	95	96	97	92	89	84	80	88
	4	515	20.4	89	98	96	98	91	87	83	79	87
AVP-2-06-18B TD-5017 3450 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.

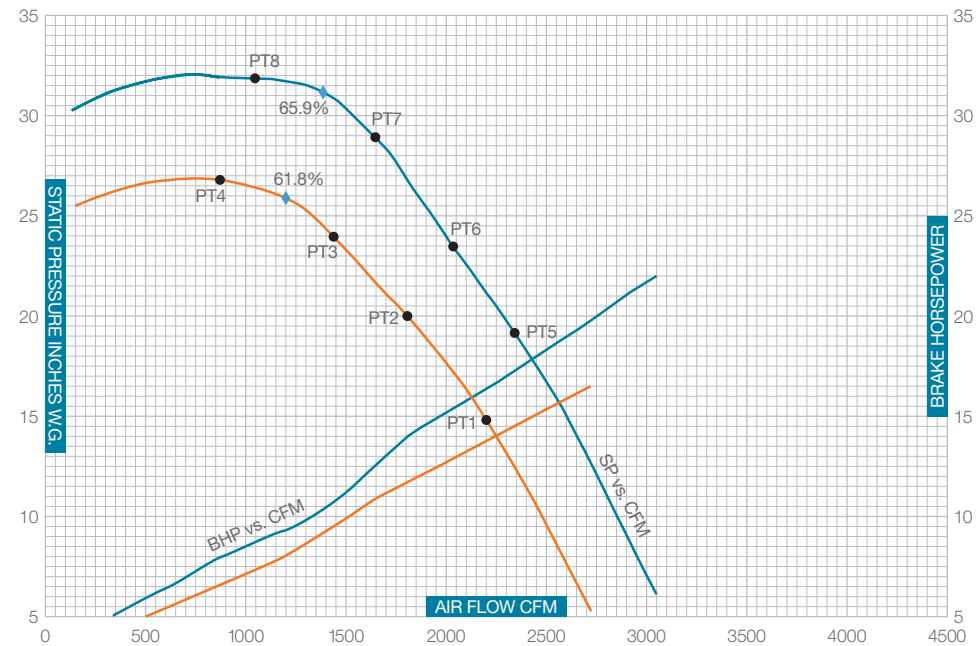


MODEL NUMBER	PT	CFM	SP	OCTAVE BAND (Hz) 63	125	250	500	1000	2000	4000	8000	dBA @ 5'
AVP-3-06-19A TD-5018 3515 RPM	1	1740	15	90	100	100	105	101	96	91	85	96
	2	1475	20	88	98	99	102	99	94	89	83	94
	3	1150	24	89	100	99	99	96	91	87	82	91
	4	740	26	91	102	99	97	97	90	87	82	91
AVP-3-06-21A TD-5018 3515 RPM	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.

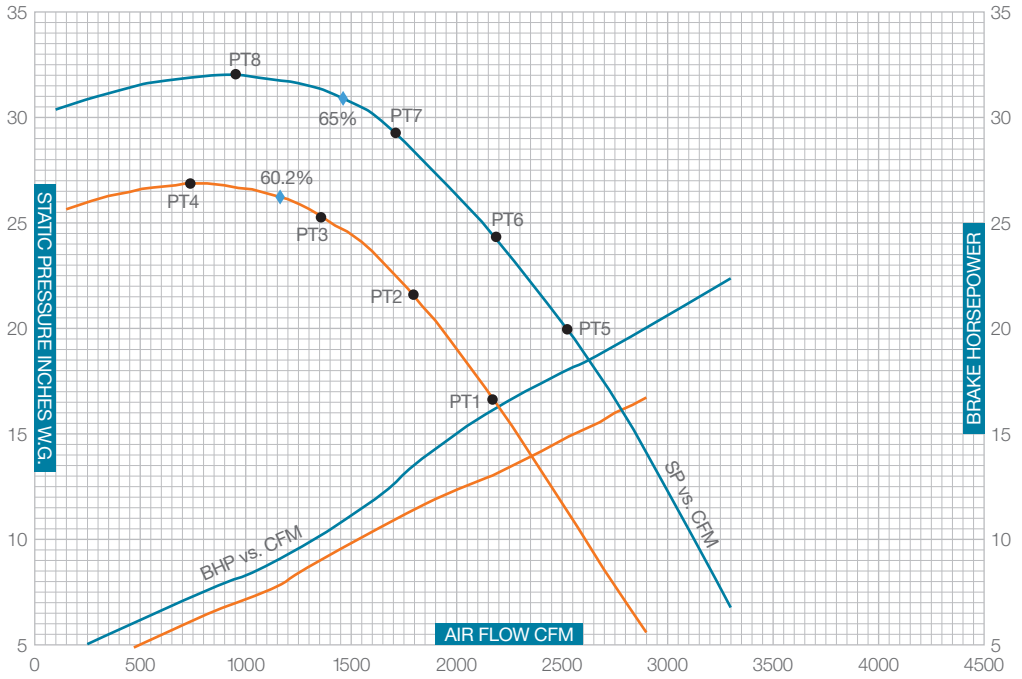


MODEL NUMBER	PT	CFM	SP	OCTAVE BAND (Hz) 63	125	250	500	1000	2000	4000	8000	dBA @ 5'
AVP-3-08-19A TD-5019 3515 RPM	1	2220	15	91	102	103	106	104	97	91	86	98
	2	1825	20	90	102	102	103	101	95	89	84	96
	3	1460	24	90	102	101	100	99	92	88	83	93
	4	875	26.7	93	104	100	98	98	91	87	82	92
AVP-3-08-21A TD-5019 3515 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.

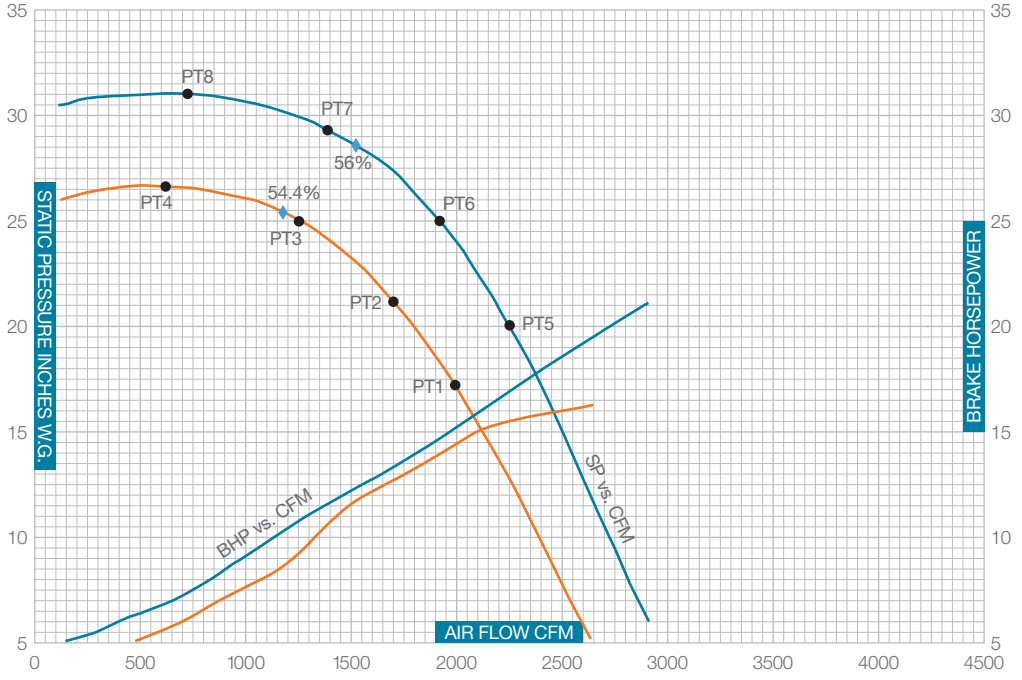


MODEL NUMBER	PT	CFM	SP	OCTAVE BAND (Hz) 63	125	250	500	1000	2000	4000	8000	dBA @ 5'
AVP-3-10-19A TD-5020 3515 RPM	1	2220	16.5	93	104	103	104	102	96	90	85	97
	2	1840	21.5	92	104	103	104	102	95	90	85	96
	3	1370	25.5	91	105	102	100	99	93	88	83	93
	4	750	26.9	96	108	101	98	98	91	87	83	92
AVP-3-10-21A TD-5020 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.

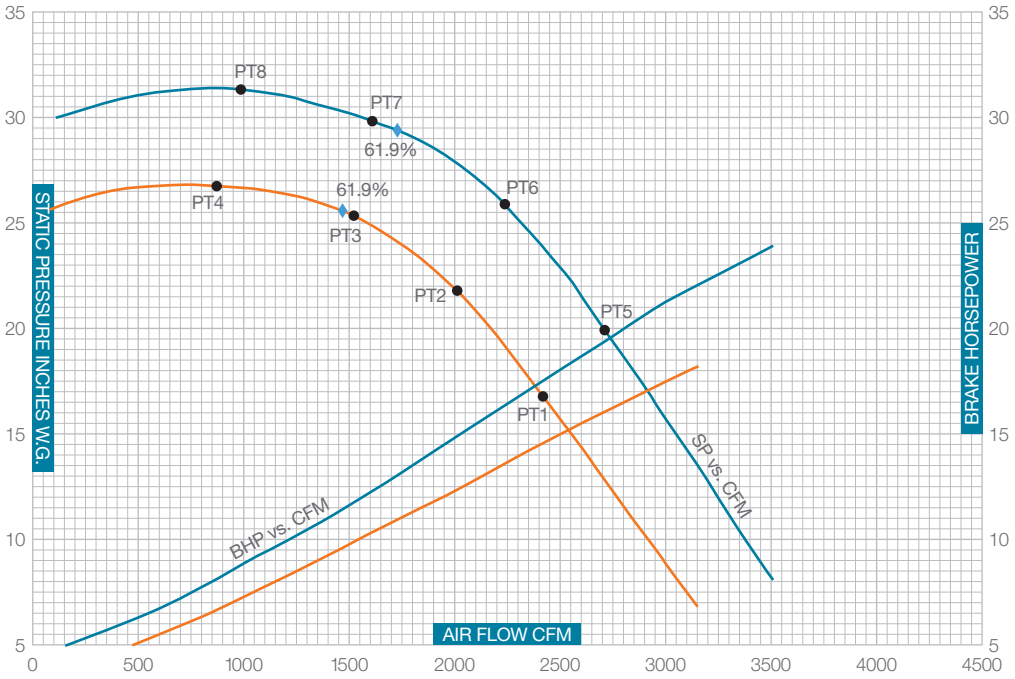


MODEL NUMBER	PT	CFM	SP	OCTAVE BAND (Hz) 63	125	250	500	1000	2000	4000	8000	dBA @ 5'
AVP-4-06-19B TD-5021 3515 RPM	1	1995	17.5	91	101	104	109	101	96	90	87	98
	2	1675	21.5	91	101	103	105	99	94	89	86	95
	3	1270	25	91	101	107	100	97	92	89	86	92
	4	625	26.5	93	101	102	99	96	91	88	85	91
AVP-4-06-21B TD-5021 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.

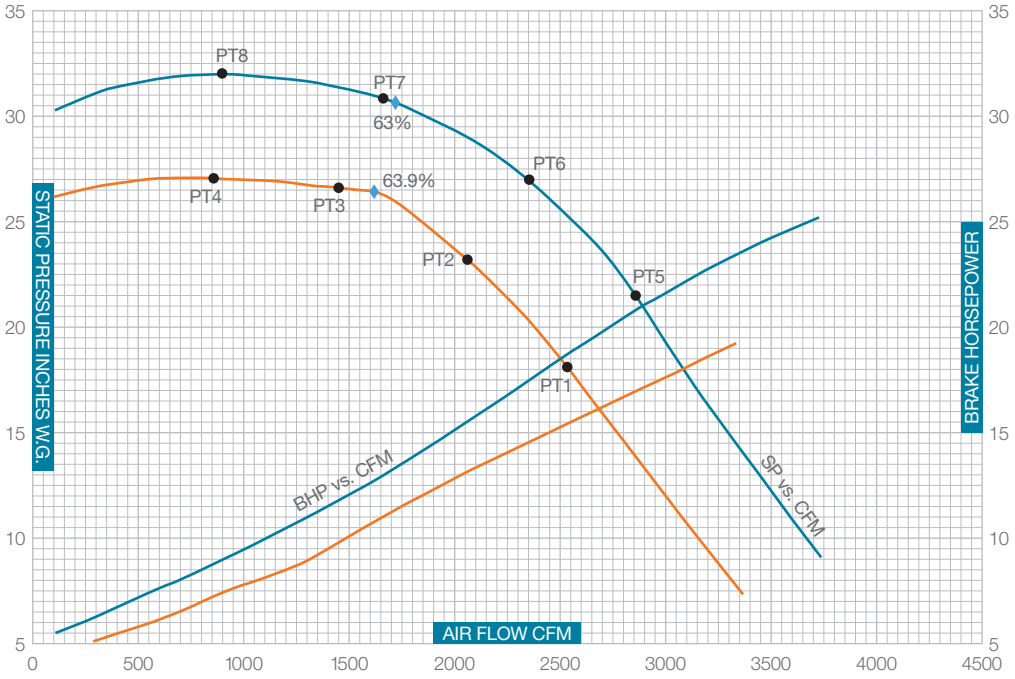


MODEL NUMBER	PT	CFM	SP	OCTAVE BAND (Hz) 63	125	250	500	1000	2000	4000	8000	dBA @ 5'
AVP-4-08-19B TD-5022 3515 RPM	1	2440	17	90	104	105	115	103	98	92	89	102
	2	2020	22	92	106	103	108	100	95	90	87	97
	3	1540	25.4	93	106	102	104	97	92	88	87	93
	4	875	26.9	95	107	103	100	94	90	88	86	91
AVP-4-08-21B TD-5022 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.

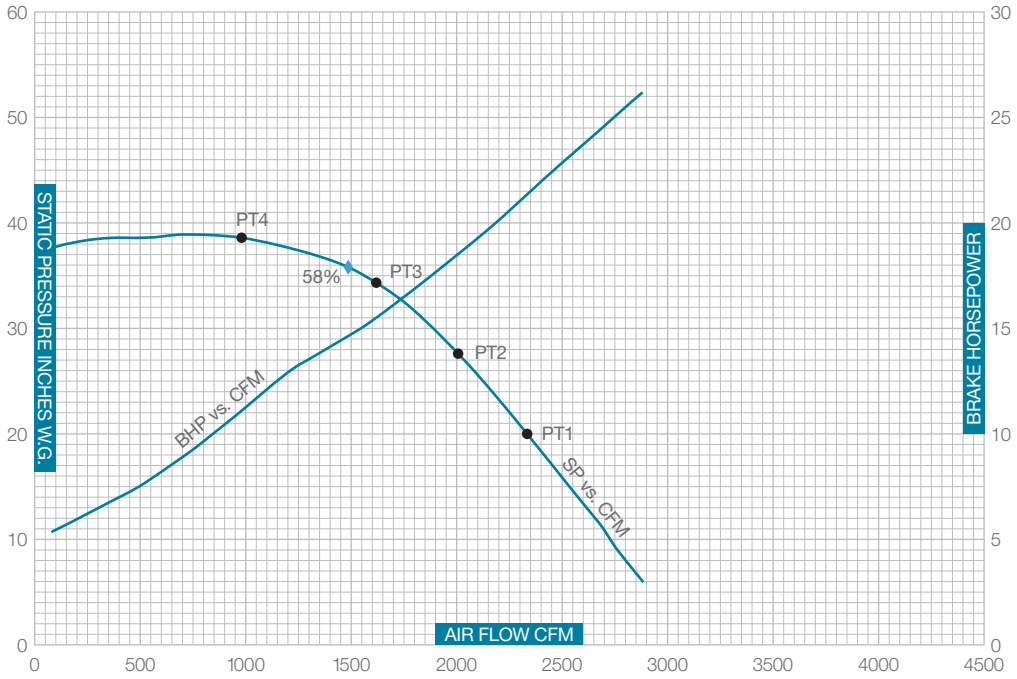


MODEL NUMBER	PT	CFM	SP	OCTAVE BAND (Hz) 63	125	250	500	1000	2000	4000	8000	dBA @ 5'
AVP-4-10-19B TD-5023 3515 RPM	1	2525	18	93	104	106	108	103	96	91	88	98
	2	2060	23	93	104	105	105	101	95	90	87	96
	3	1475	26.5	95	107	104	101	98	91	88	86	93
	4	850	26.9	96	108	104	100	97	91	88	86	92
AVP-4-10-21B TD-5023 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.

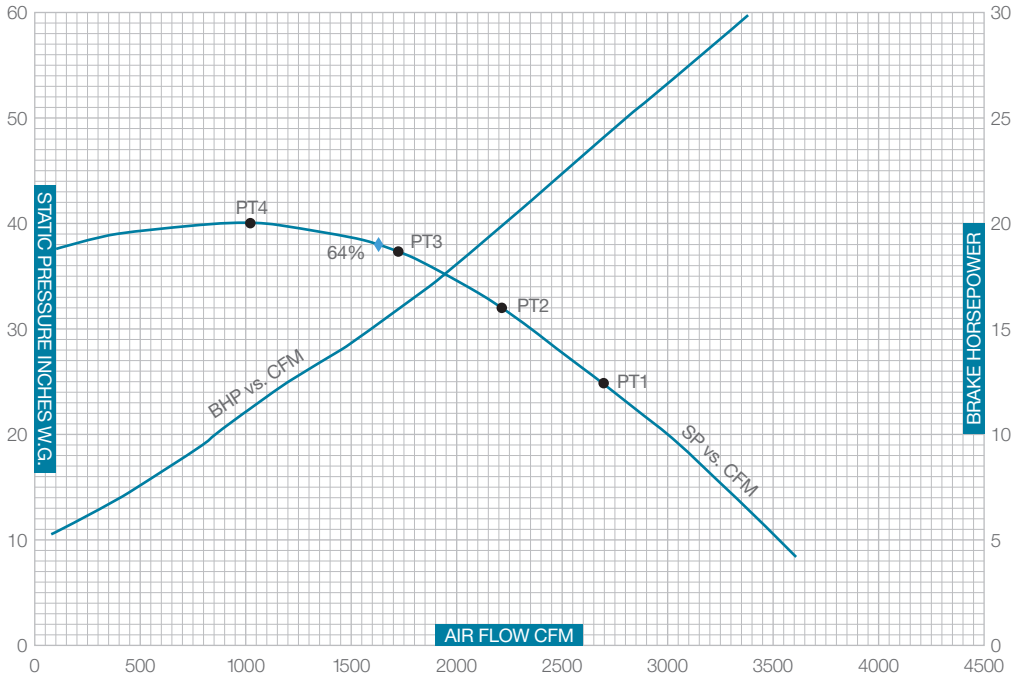


MODEL NUMBER	PT	CFM	SP	OCTAVE BAND (Hz) 63	125	250	500	1000	2000	4000	8000	dBA @ 5'
AVP-5-06-23A TD-5024 3515 RPM	1	2360	20	88	99	103	108	104	101	95	77	100
	2	2020	28	83	98	101	104	101	98	92	75	97
	3	1625	35	87	97	100	100	97	95	90	74	93
	4	1000	38.8	89	99	98	97	94	93	89	73	90

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.

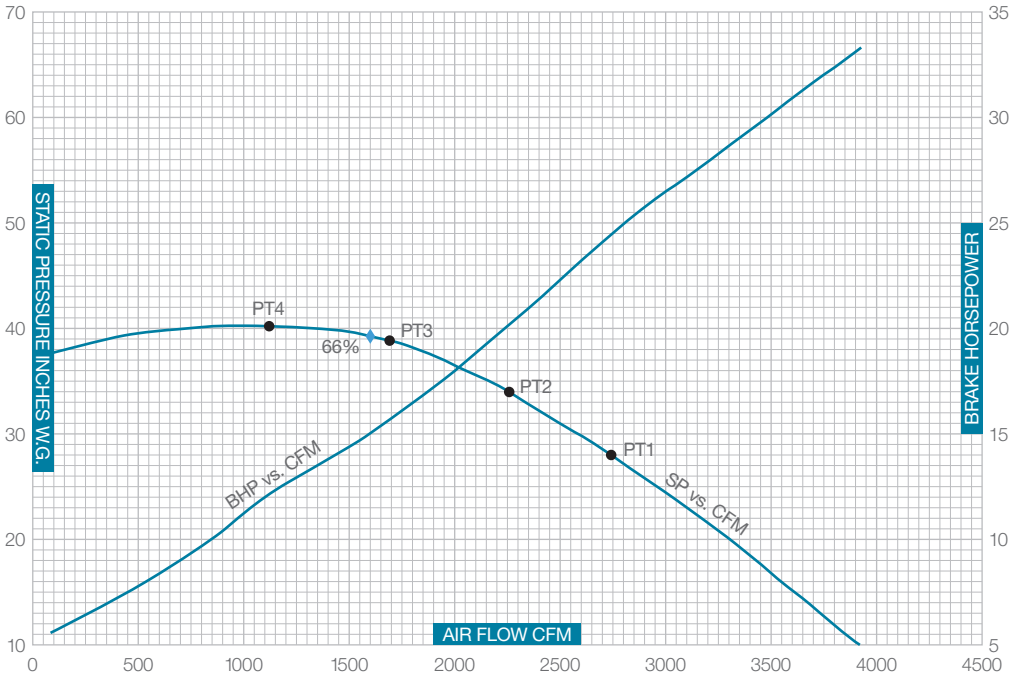


MODEL NUMBER	PT	CFM	SP	OCTAVE BAND (Hz) 63	125	250	500	1000	2000	4000	8000	dBA @ 5'
AVP-5-08-23A TD-5025 3515 RPM	1	2690	25	91	102	105	109	104	101	95	90	100
	2	2210	32	90	100	104	104	102	99	93	88	97
	3	1720	37.5	91	100	100	102	97	95	91	87	94
	4	1025	39.9	93	102	99	97	95	93	89	86	90

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.

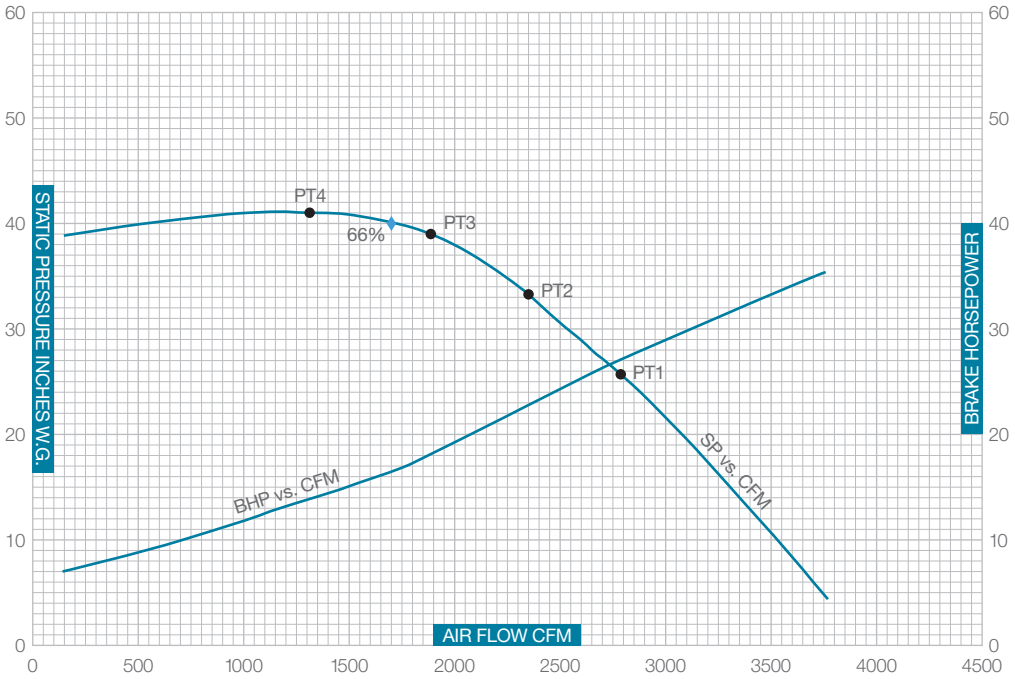


MODEL NUMBER	PT	CFM	SP	OCTAVE BAND (Hz) 63	125	250	500	1000	2000	4000	8000	dBA @ 5'
AVP-5-10-23A TD-5026 3515 RPM	1	2750	28	93	105	105	109	103	100	94	89	100
	2	2260	34	92	104	104	105	100	98	92	88	96
	3	1700	39	93	103	101	101	97	95	91	87	93
	4	1125	40.2	94	104	100	99	95	94	90	87	91

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.

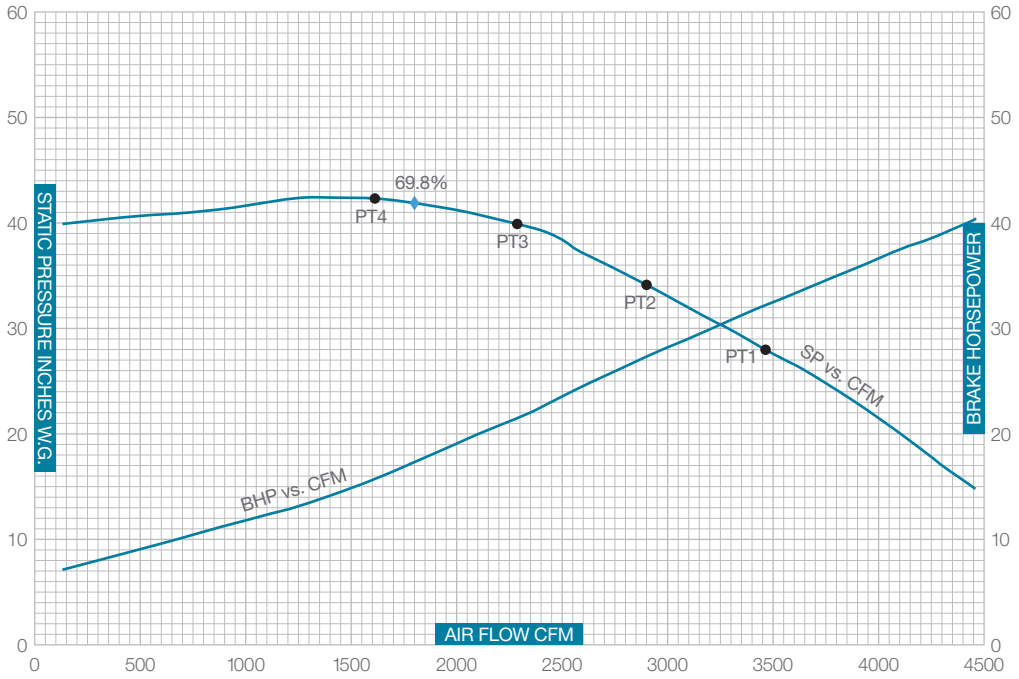


MODEL NUMBER	PT	CFM	SP	OCTAVE BAND (Hz) 63	125	250	500	1000	2000	4000	8000	dBA @ 5'
AVP-6-06-23A TD-5027 3515 RPM	1	2760	26	92	101	106	109	106	104	97	92	102
	2	2350	33	90	100	103	105	103	101	95	89	99
	3	1900	39	90	98	101	101	100	98	93	88	95
	4	1320	41	92	98	101	100	97	96	92	88	93

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.

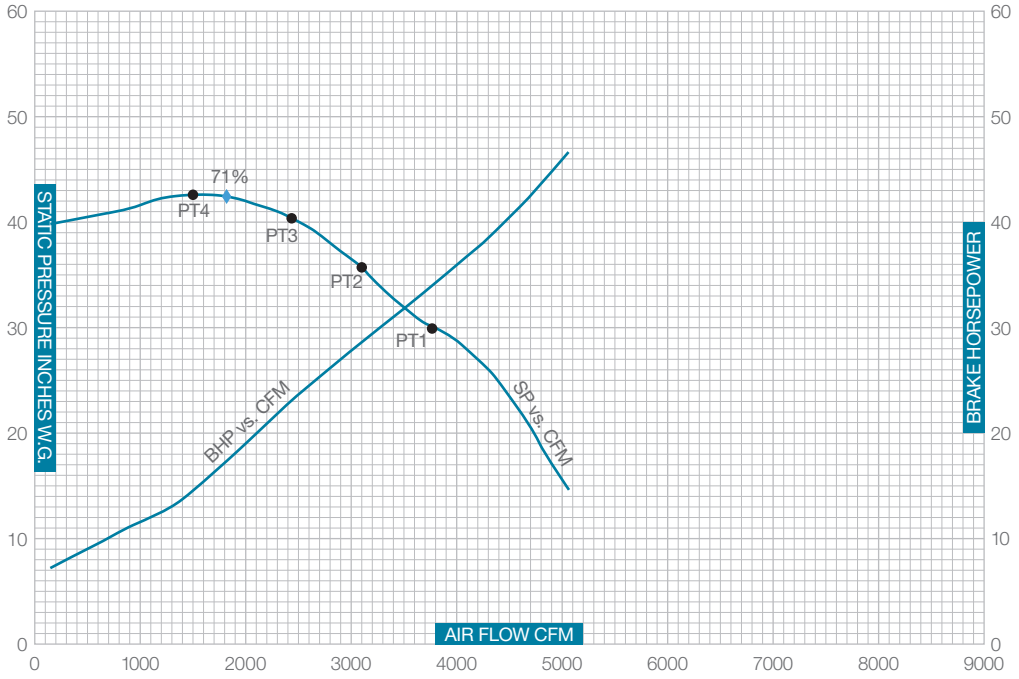


MODEL NUMBER	PT	CFM	SP	OCTAVE BAND (Hz) 63	125	250	500	1000	2000	4000	8000	dBA @ 5'
AVP-6-08-23B TD-5028 3515 RPM	1	3490	28	93	103	108	108	106	104	98	92	102
	2	2900	34	91	102	107	107	105	103	96	91	100
	3	2300	40	91	101	103	104	102	100	95	90	98
	4	1625	42.5	92	101	101	101	100	98	93	88	95

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.

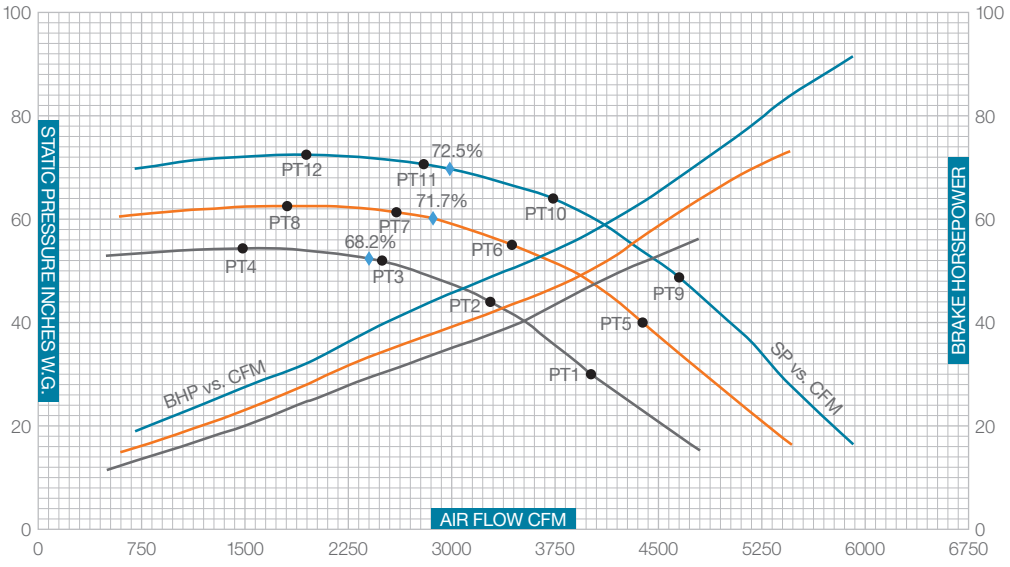


MODEL NUMBER	PT	CFM	SP	OCTAVE BAND (Hz) 63	125	250	500	1000	2000	4000	8000	dBA @ 5'
AVP-6-10-23B TD-5029 3515 RPM	1	3800	30	97	106	110	111	107	105	98	92	103
	2	3100	35.5	95	105	108	108	105	103	96	91	101
	3	2400	40.5	95	106	106	104	102	100	95	90	97
	4	1500	42.4	96	107	103	101	99	98	93	88	95

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.

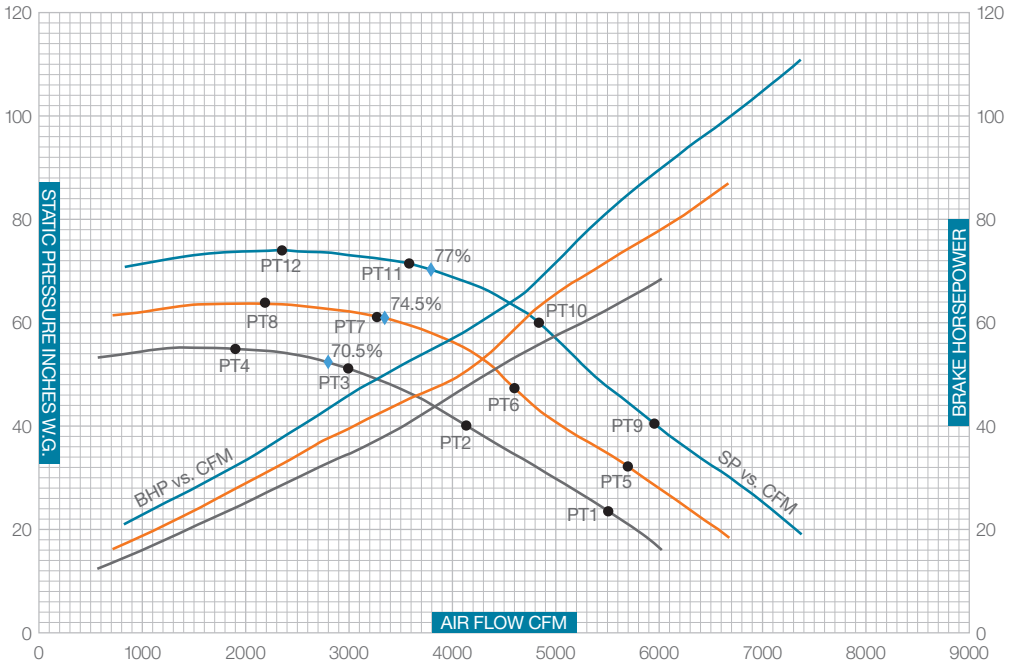


MODEL NUMBER	PT	CFM	SP	OCTAVE BAND (Hz) 63	125	250	500	1000	2000	4000	8000	dBA @ 5'
OVP-7-08-26.5A CV-02015 3550 RPM	1	4000	30.47	83	104	107	108	107	105	99	93	103
	2	3300	43.88	83	102	104	105	104	102	96	91	100
	3	2500	51.87	82	97	101	101	100	98	93	87	96
	4	1495	54.43	85	99	94	96	94	92	88	83	90
OVP-7-08-28A 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.

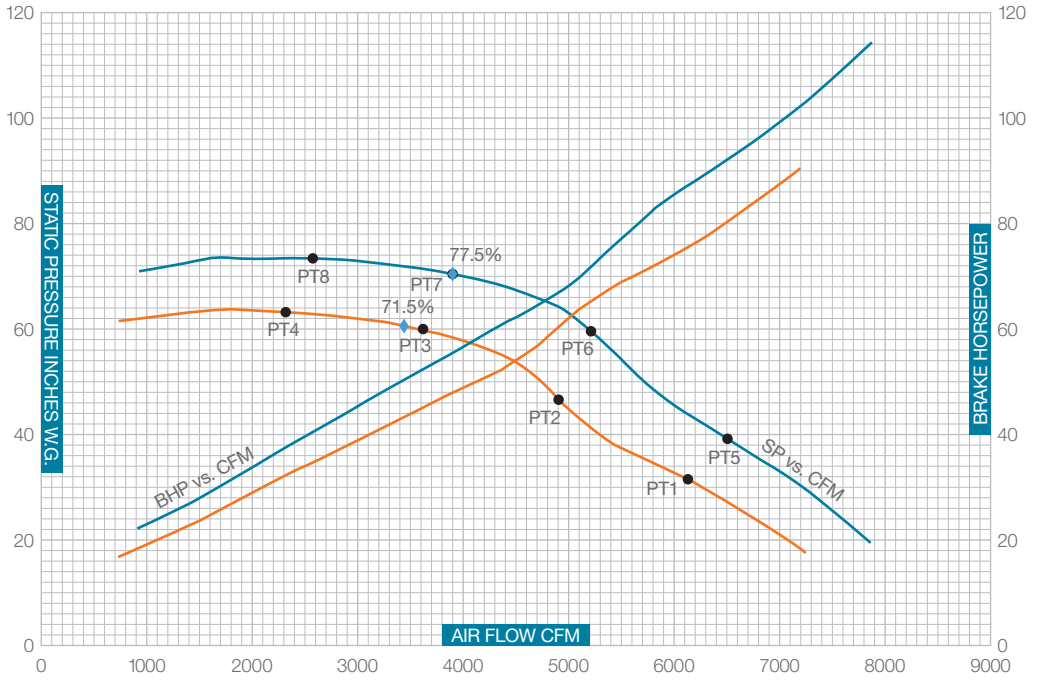


MODEL NUMBER	PT	CFM	SP	OCTAVE BAND (Hz) 63	125	250	500	1000	2000	4000	8000	dBA @ 5'
OVP-7-10-26.5A CV-02016 3550 RPM	1	5466	24.00	105	107	110	112	111	107	107	102	97
	2	4200	39.55	105	106	107	109	107	104	104	99	93
	3	300	51.09	105	105	105	105	103	101	101	95	91
	4	1898	54.88	105	105	101	100	98	97	97	92	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-7-12-28.0A
♦ = PEAK STATIC EFFICIENCY
● = OCTAVE BAND PT.

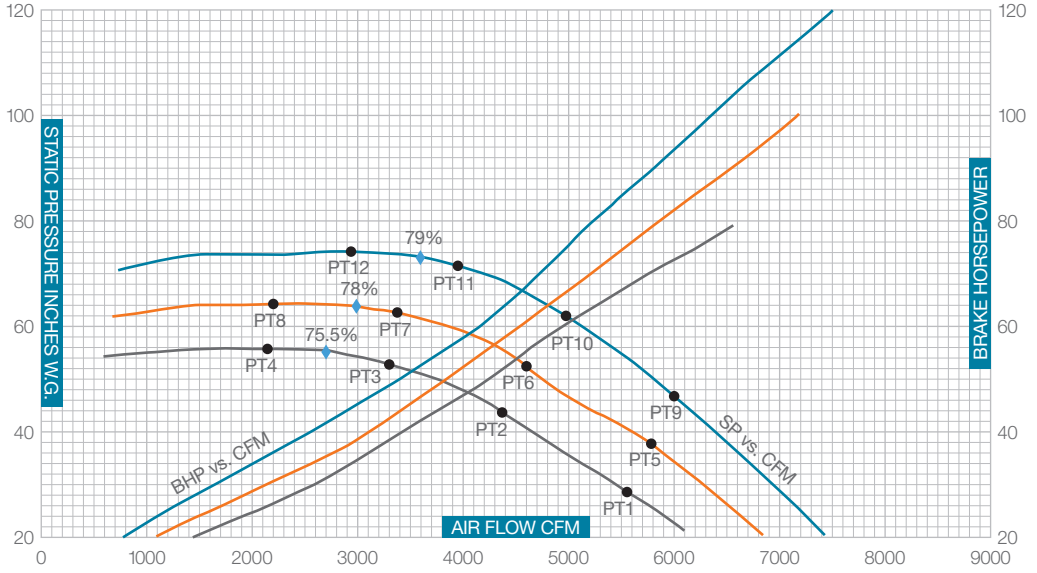


MODEL NUMBER	PT	CFM	SP	OCTAVE BAND (Hz) 63	125	250	500	1000	2000	4000	8000	dBA @ 5'
OVP-7-12-28A CV-02017 3550 RPM	1	6074	32.00	107	109	111	108	111	108	103	99	106
	2	4900	47.75	108	108	108	103	108	106	101	96	104
	3	3618	60.00	107	108	106	109	105	104	98	94	101
	4	2318	63.44	107	108	103	107	101	100	95	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.

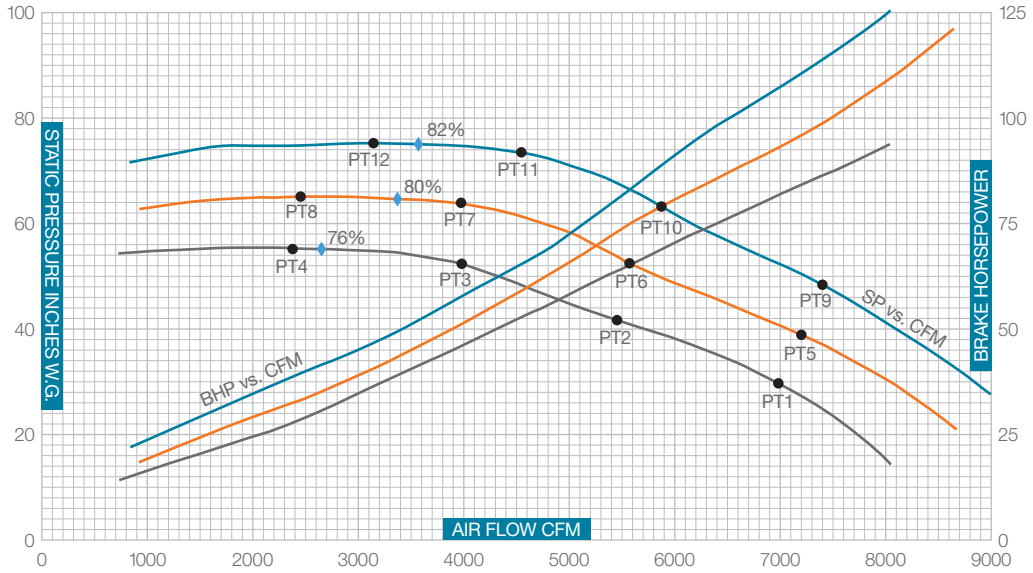


MODEL NUMBER	PT	CFM	SP	OCTAVE BAND (Hz) 63	125	250	500	1000	2000	4000	8000	dBA @ 5'
OVP-8-08-26.5B CV-02018 3550 RPM	1	5600	28.29	105	106	109	113	109	106	101	97	106
	2	4396	44.00	106	106	106	111	107	104	99	95	104
	3	3300	53.05	107	106	102	106	103	101	97	93	99
	4	2129	55.82	107	106	99	101	99	96	93	91	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.

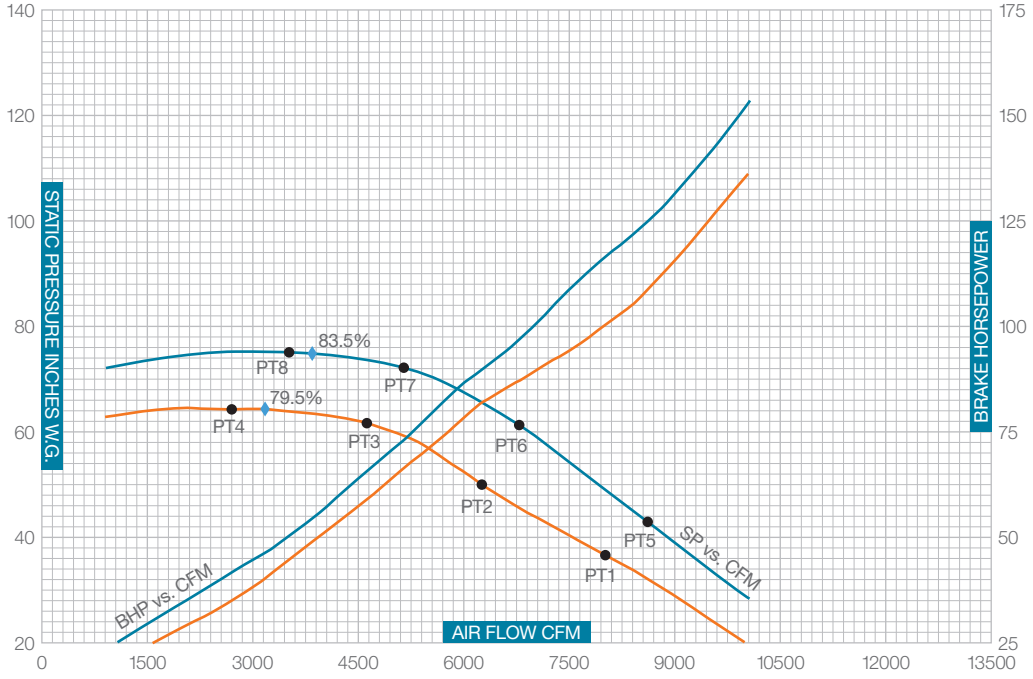


MODEL NUMBER	PT	CFM	SP	OCTAVE BAND (Hz) 63	125	250	500	1000	2000	4000	8000	dBA @ 5'
OVP-8-10-26.5B CV-02019 3550 RPM	1	7000	29.27	106	109	111	113	109	106	101	96	106
	2	5500	41.41	106	108	108	112	108	106	101	96	103
	3	4000	52.18	105	106	103	107	104	102	98	94	100
	4	2437	55.18	106	106	100	103	101	98	94	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.

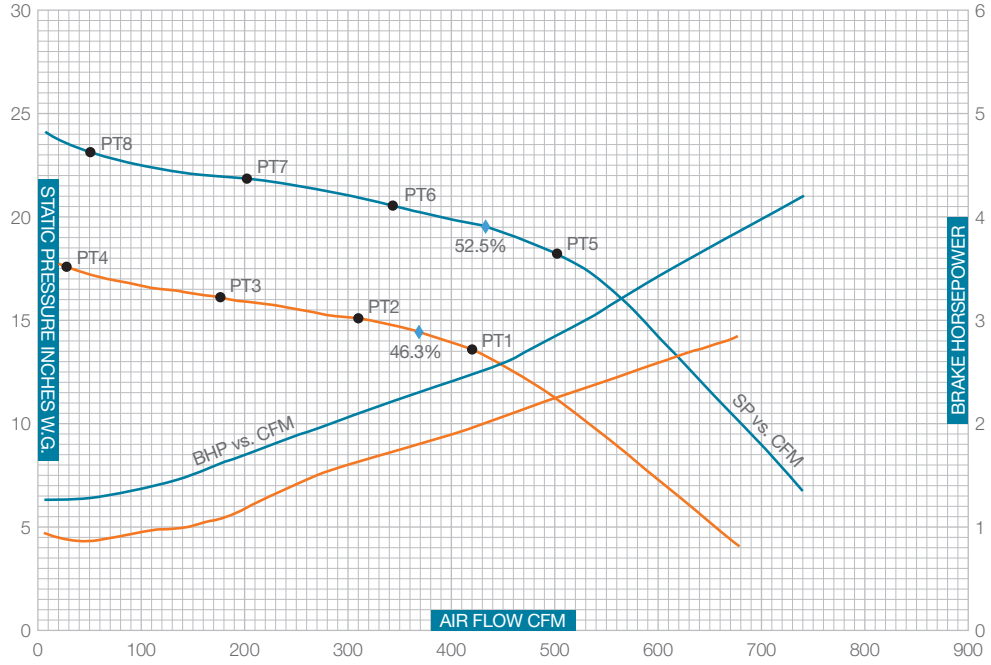


MODEL NUMBER	PT	CFM	SP	OCTAVE BAND (Hz) 63	125	250	500	1000	2000	4000	8000	dBA @ 5'
OVP-8-12-28B CV-02020 3550 RPM	1	8000	36.92	107	110	110	121	112	108	104	99	111
	2	6200	51.06	107	109	108	118	111	108	104	99	106
	3	4600	62.01	107	108	105	112	108	104	100	97	104
	4	2774	64.57	108	108	102	106	103	101	97	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.

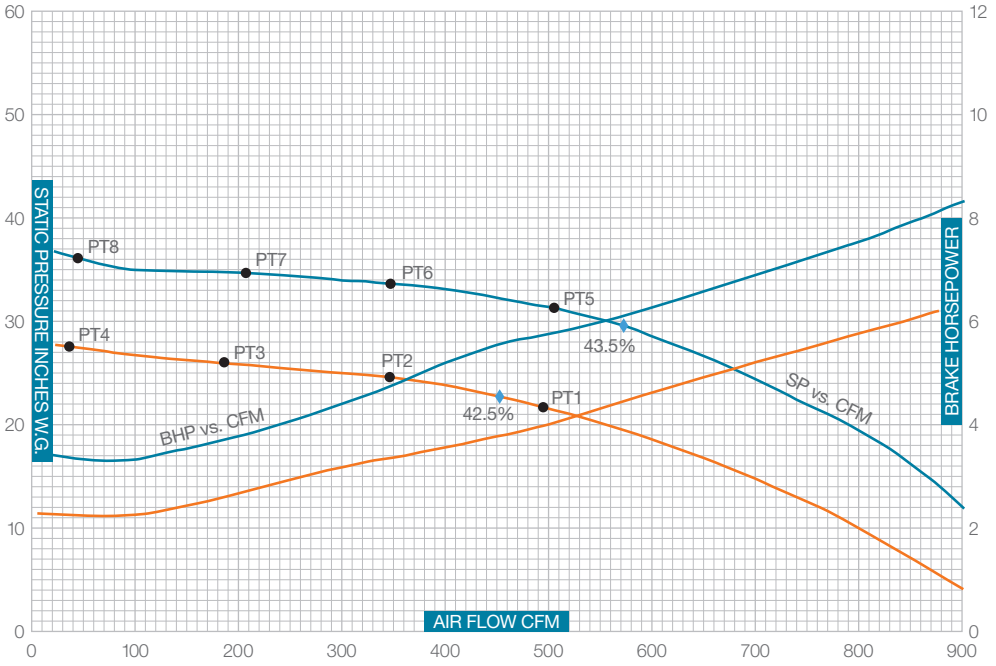


MODEL NUMBER	PT	CFM	SP	OCTAVE BAND (Hz) 63	125	250	500	1000	2000	4000	8000	dBA @ 5'
1N-04-16N TD-5483 3450 RPM	1	422	13.5	87	91	96	95	91	88	85	78	87
	2	312	15	87	90	96	95	90	86	84	78	86
	3	177	16	89	97	96	95	90	86	83	78	86
	4	25	17.5	87	95	96	95	89	86	83	81	86
1N-04-18.5N TD-5483 3450 RPM	5	501	18.5	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.

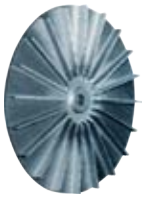


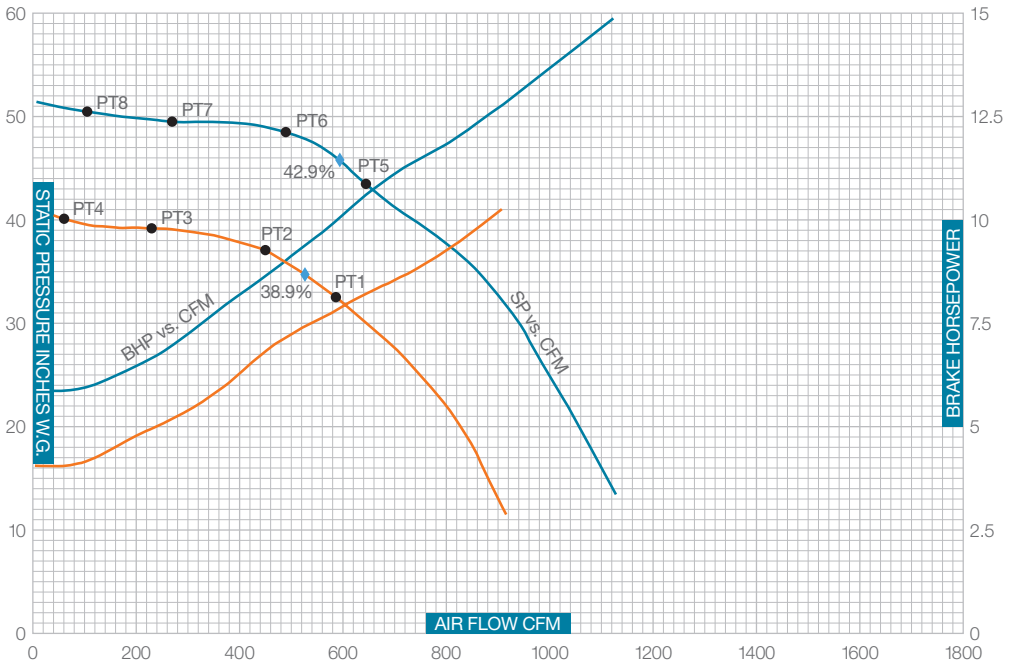
MODEL NUMBER	PT	CFM	SP	OCTAVE BAND (Hz) 63	125	250	500	1000	2000	4000	8000	dBA @ 5'
3N-04-20N TD-5485 3515 RPM	1	497	21.5	89	97	99	97	93	90	88	81	89
	2	343	24.5	86	97	100	97	92	89	86	81	88
	3	183	25.9	93	105	100	97	93	88	86	80	88
	4	34	27.6	89	102	100	97	92	88	85	80	88
3N-04-22.5N TD-5485 3515 RPM	5	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.



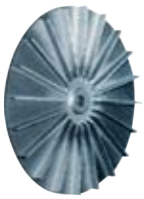


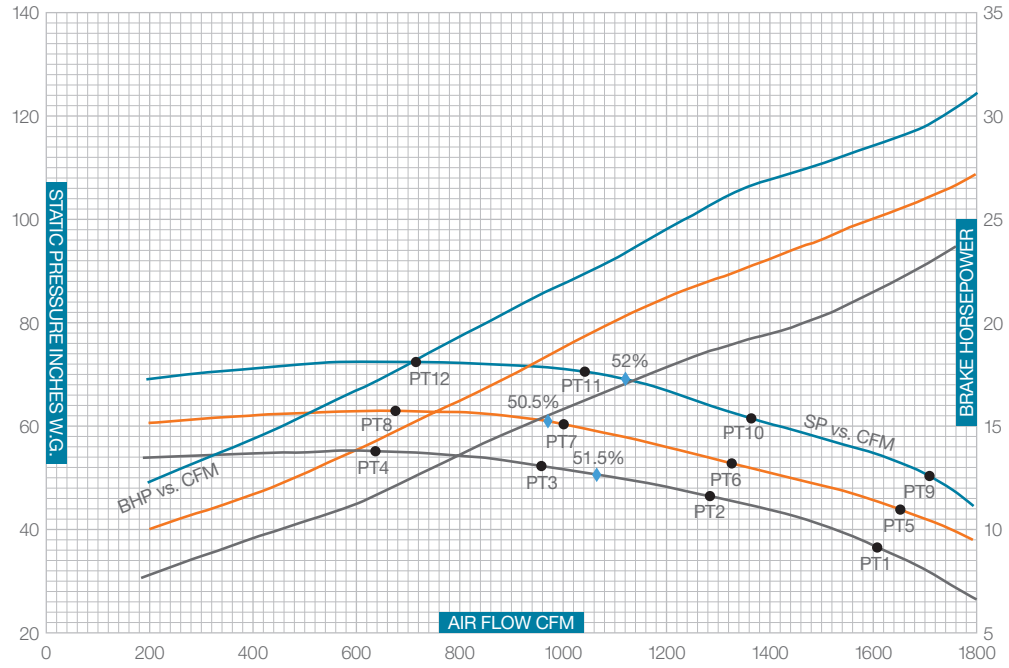
MODEL NUMBER	PT	CFM	SP	OCTAVE BAND (Hz) 63	125	250	500	1000	2000	4000	8000	dBA @ 5'
5N-04-24N TD-5486 3515 RPM	1	598	32	87	93	97	96	93	93	92	86	90
	2	447	37	87	91	98	96	92	91	90	85	89
	3	240	39.1	88	94	98	96	92	90	88	85	88
	4	62	40	88	100	98	96	92	90	88	85	88
5N-04-26.5N TD-5486 3515 RPM	5	650	43	86	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.



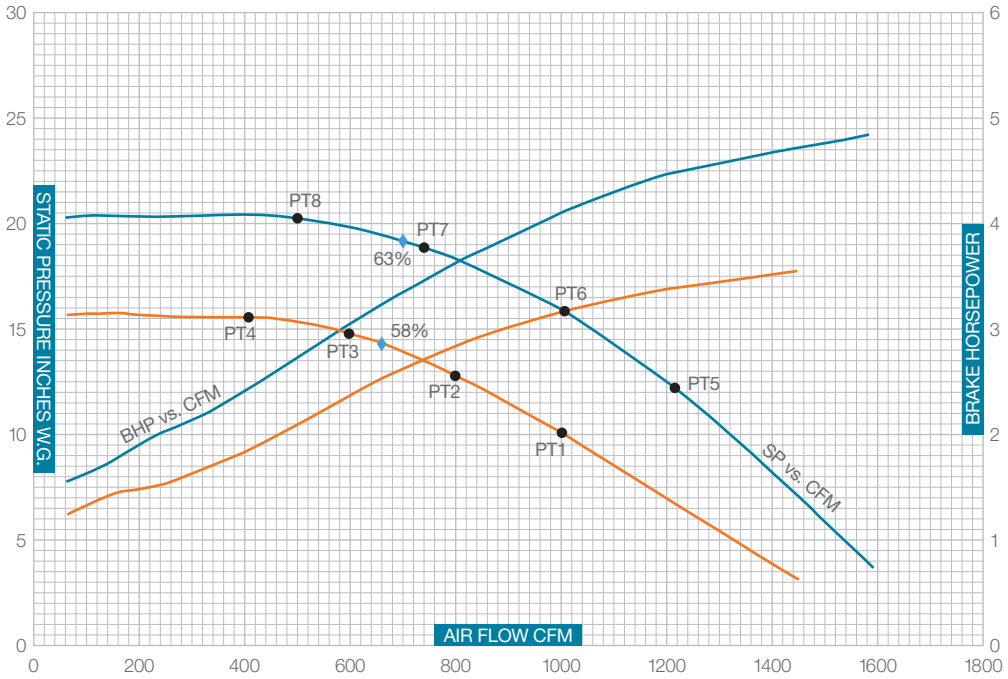


MODEL NUMBER	PT	CFM	SP	OCTAVE BAND (Hz) 63	125	250	500	1000	2000	4000	8000	dBA @ 5'
7N-06-28.1N CV-02021 3550 RPM	1	1600	36.54	107	105	100	100	98	99	96	92	97
	2	1280	46.46	107	105	100	100	96	97	94	91	95
	3	960	52.56	107	105	100	99	95	94	91	90	93
	4	640	55.41	107	105	99	98	94	93	90	89	92
7N-06-29.8N CV-02021 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.

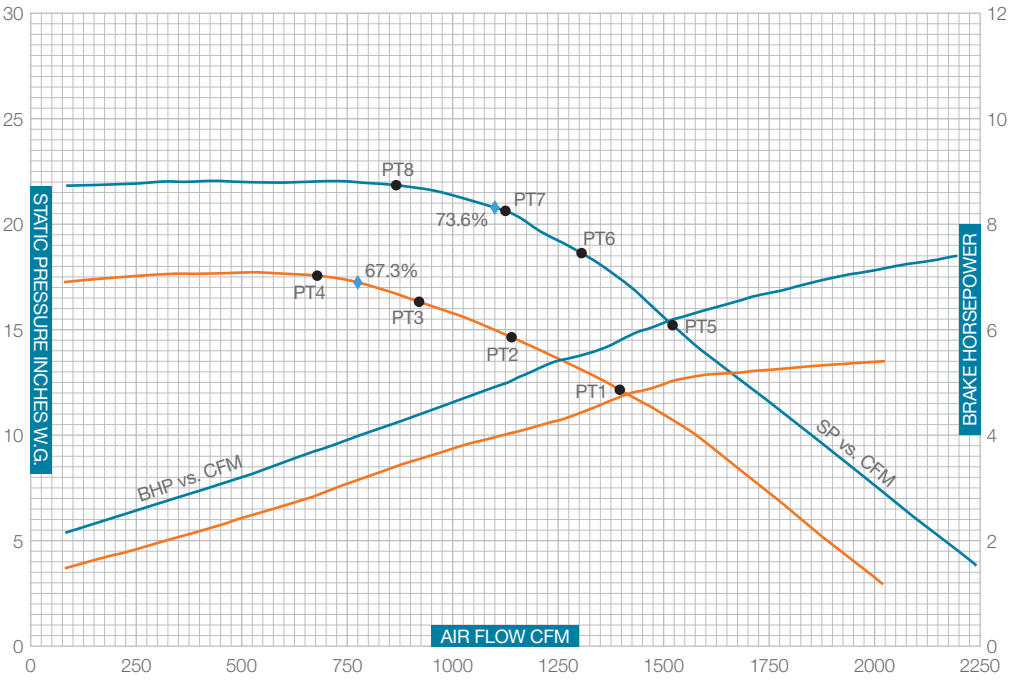


MODEL NUMBER	PT	CFM	SP	OCTAVE BAND (Hz) 63	125	250	500	1000	2000	4000	8000	dBA @ 5'
BC-1-06-16A TD-5030 3450 RPM	1	1000	10	87	89	96	96	91	88	85	80	87
	2	800	13	86	90	96	96	90	87	83	79	87
	3	600	15	87	92	96	96	90	87	82	79	87
	4	400	15.8	87	95	96	96	90	87	82	79	87
BC-1-06-18A TD-5030 3450 RPM	5	1200	12.5	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.

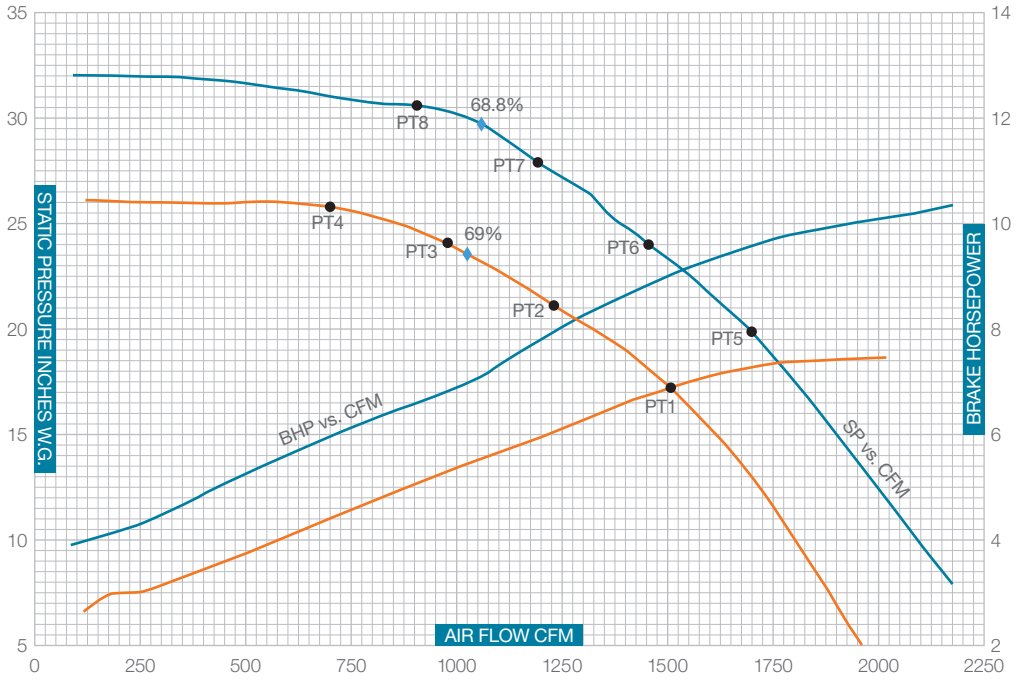


MODEL NUMBER	PT	CFM	SP	OCTAVE BAND (Hz) 63	125	250	500	1000	2000	4000	8000	dBA @ 5'
BC-2-06-16B TD-5031 3450 RPM	1	1400	12	89	94	98	98	93	90	85	80	89
	2	1150	14.5	88	94	97	97	92	89	84	80	88
	3	925	16.2	88	94	97	97	91	88	83	80	87
	4	675	17.5	90	95	97	97	90	87	83	79	87
BC-2-06-18B TD-5031 3450 RPM	5	1518	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.

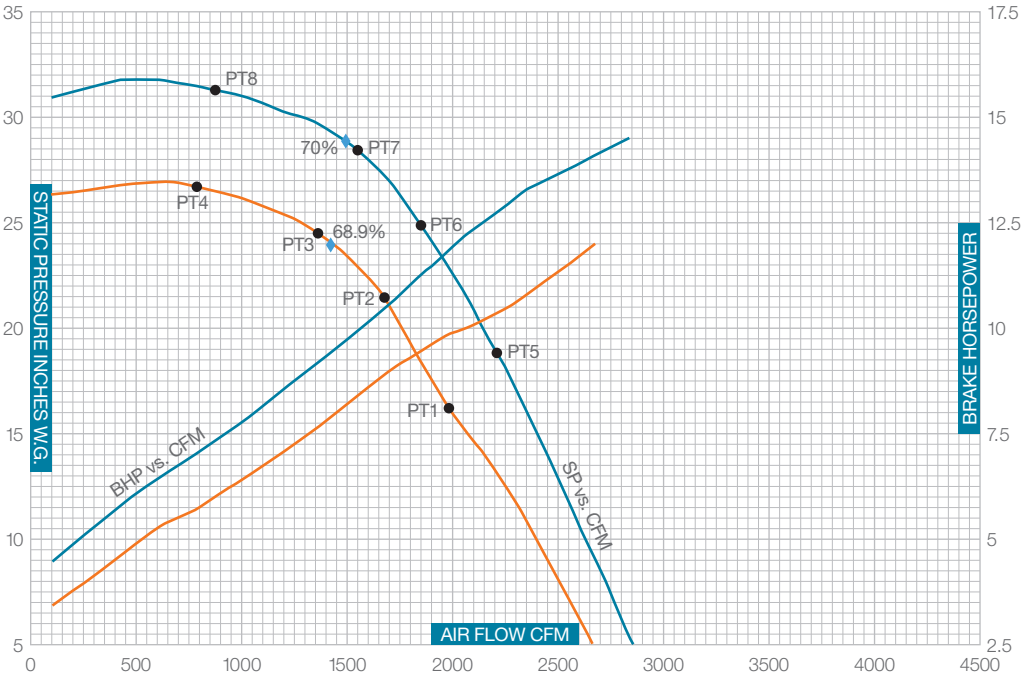


MODEL NUMBER	PT	CFM	SP	OCTAVE BAND (Hz) 63	125	250	500	1000	2000	4000	8000	dBA @ 5'
BC-3-06-20A TD-5032 3515 RPM	1	1480	17.5	87	98	98	98	96	92	87	82	91
	2	1225	21	86	97	98	97	95	91	87	82	90
	3	975	24	85	97	98	97	94	90	87	82	89
	4	700	25.7	88	99	98	97	94	90	87	81	89
BC-3-06-22A TD-5032 3515 RPM	5	1675	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.

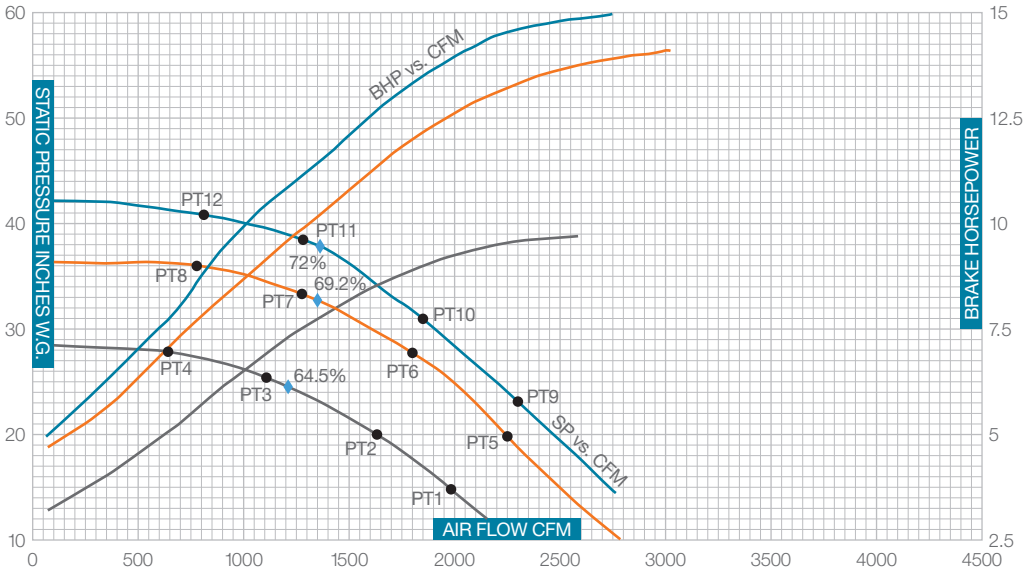


MODEL NUMBER	PT	CFM	SP	OCTAVE BAND (Hz) 63	125	250	500	1000	2000	4000	8000	dBA @ 5'
BC-4-06-20B TD-5033 3515 RPM	1	2000	16.5	89	98	101	101	98	93	88	86	93
	2	1700	21.5	88	97	99	99	96	92	88	85	91
	3	1400	24.5	88	95	100	99	96	92	88	85	91
	4	800	27	90	95	100	99	94	91	87	85	90
BC-4-06-22B TD-5033 3515 RPM	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.

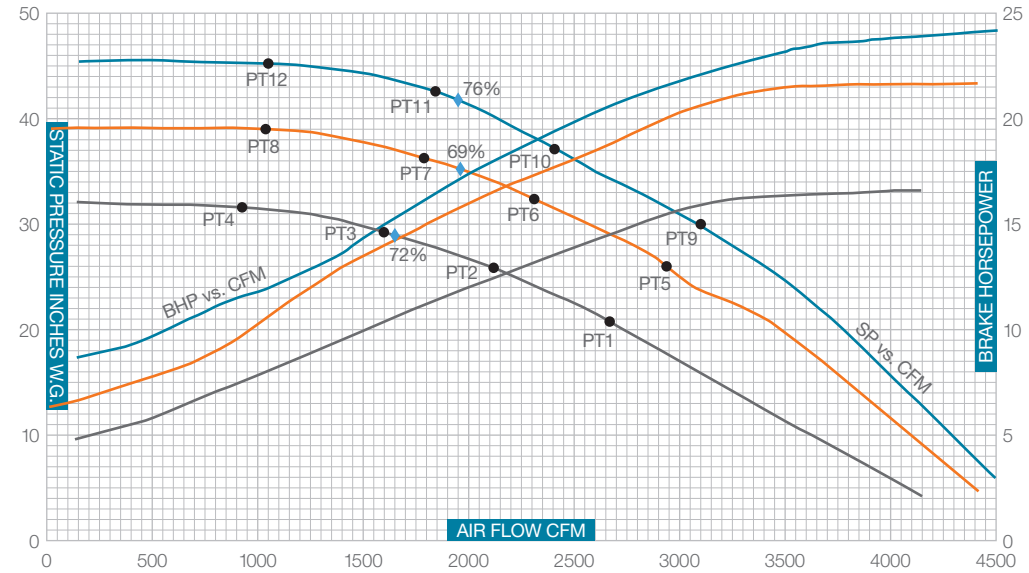


MODEL NUMBER	PT	CFM	SP	OCTAVE BAND (Hz) 63	125	250	500	1000	2000	4000	8000	dBA @ 5'
BC-5-08-22A TD-5034 3515 RPM	1	2000	15	89	95	99	98	97	95	90	72	92
	2	1590	21	87	93	98	97	95	93	88	71	90
	3	1140	25.5	87	93	98	96	94	92	87	71	89
	4	670	28	84	94	97	95	96	91	87	70	88
BC-5-08-24A TD-5034 3515 RPM	5	2250	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.

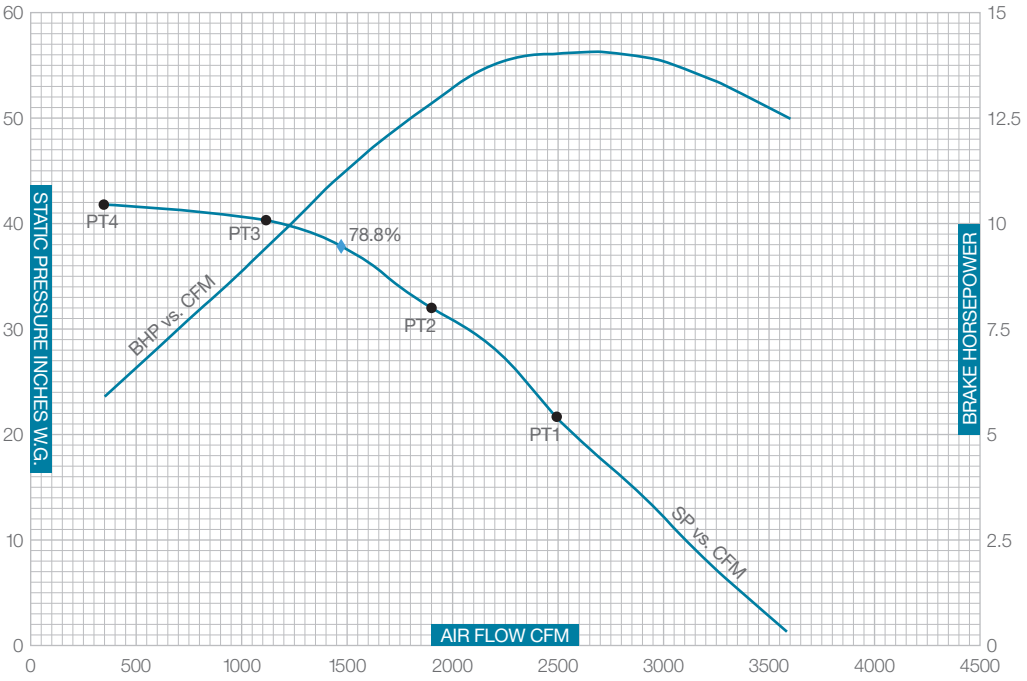


MODEL NUMBER	PT	CFM	SP	OCTAVE BAND (Hz) 63	125	250	500	1000	2000	4000	8000	dBA @ 5'
BC-6-08-22B TD-5035 3515 RPM	1	2710	20	92	102	104	103	101	98	93	88	96
	2	2110	25.5	89	97	101	100	99	97	92	87	94
	3	1575	29	90	99	99	98	97	95	91	86	92
	4	950	31	92	103	99	97	96	93	90	85	91
BC-6-08-24B TD-5035 3515 RPM	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.

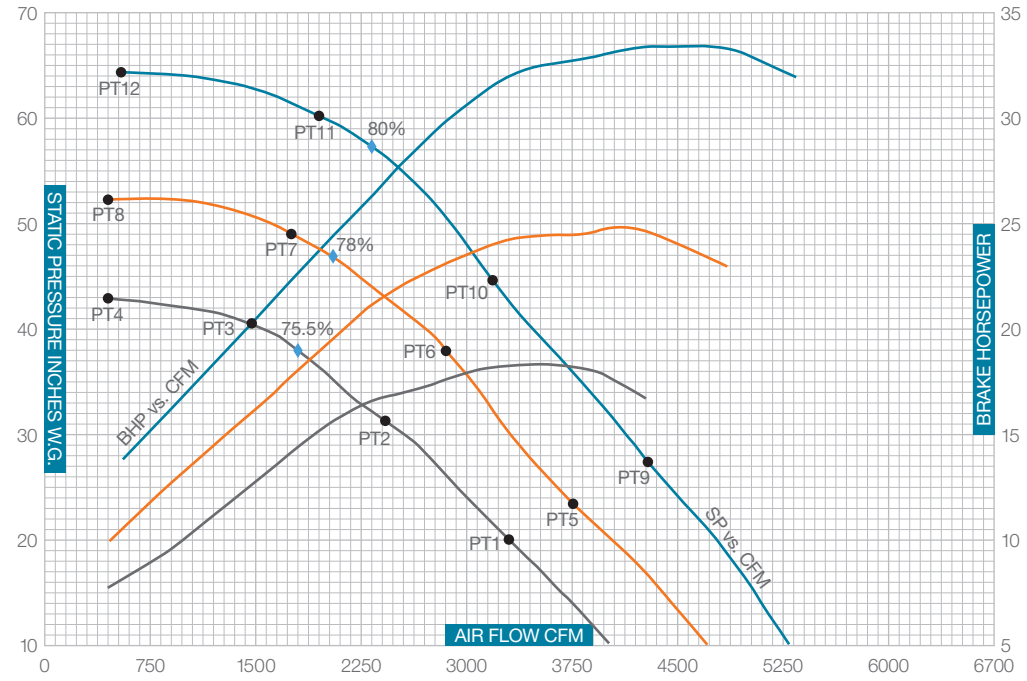


MODEL NUMBER	PT	CFM	SP	OCTAVE BAND (Hz) 63	125	250	500	1000	2000	4000	8000	dBA @ 5'
BC-7-08-26A CV-02009 3550 RPM	1	2500	22.10	81	81	86	96	94	95	94	93	94
	2	1900	32.08	77	78	86	96	94	94	93	92	94
	3	1148	40.00	75	77	85	94	93	92	92	91	91
	4	359	41.58	75	77	85	94	93	92	92	91	91

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.

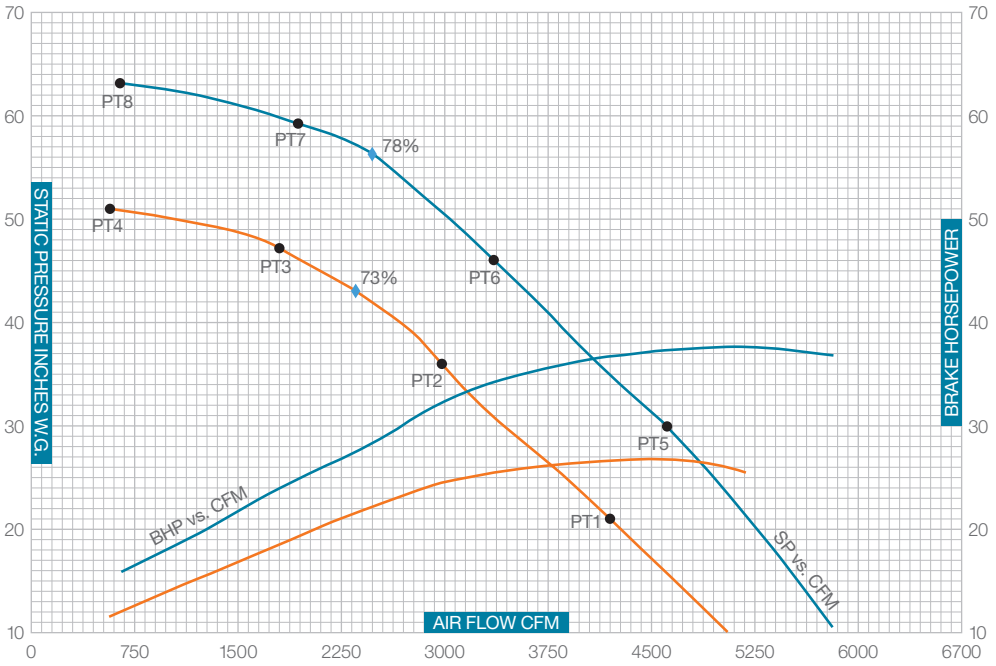


MODEL NUMBER	PT	CFM	SP	OCTAVE BAND (Hz) 63	125	250	500	1000	2000	4000	8000	dBA @ 5'
BC-7-10-26A CV-02010 3550 RPM	1	3302	20.00	82	94	99	98	99	97	92	87	94
	2	2438	31.00	80	94	98	98	98	96	91	87	93
	3	1537	40.00	80	95	94	97	96	93	89	87	91
	4	464	42.77	81	94	91	96	94	91	87	83	89
BC-7-10-28.7A CV-02010 3550 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.

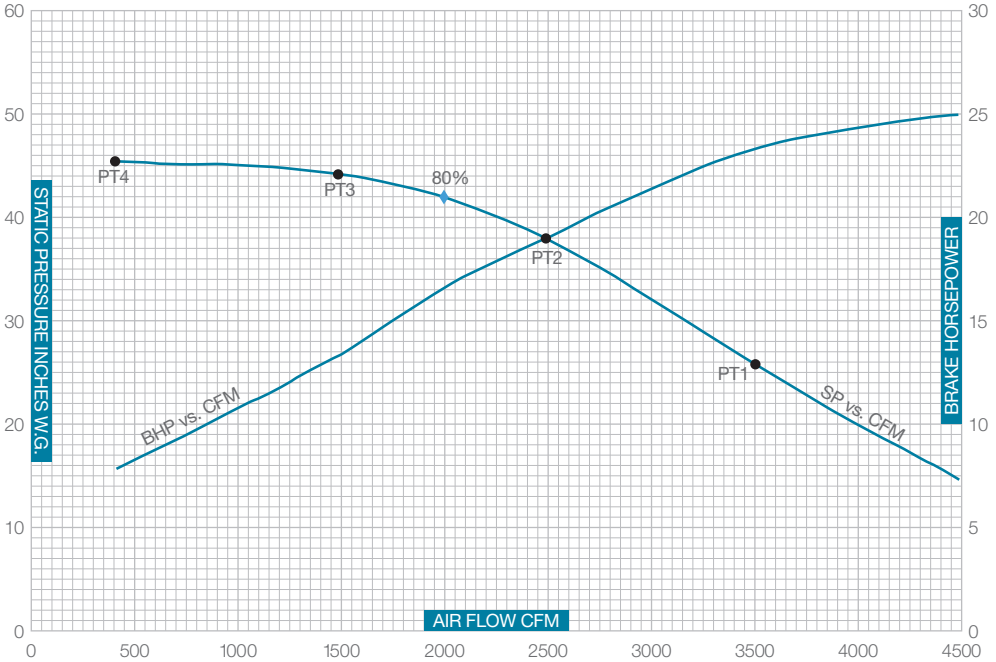


MODEL NUMBER	PT	CFM	SP	OCTAVE BAND (Hz) 63	125	250	500	1000	2000	4000	8000	dBA @ 5'
BC-7-12-28.7A CV-02011 3550 RPM	1	4200	20.85	81	95	102	102	100	100	94	87	97
	2	3000	35.88	81	94	102	102	100	99	92	86	96
	3	1800	47.17	83	97	101	101	98	96	89	84	93
	4	554	51.00	85	98	98	99	96	94	88	82	92
BC-7-12-31.5A 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.

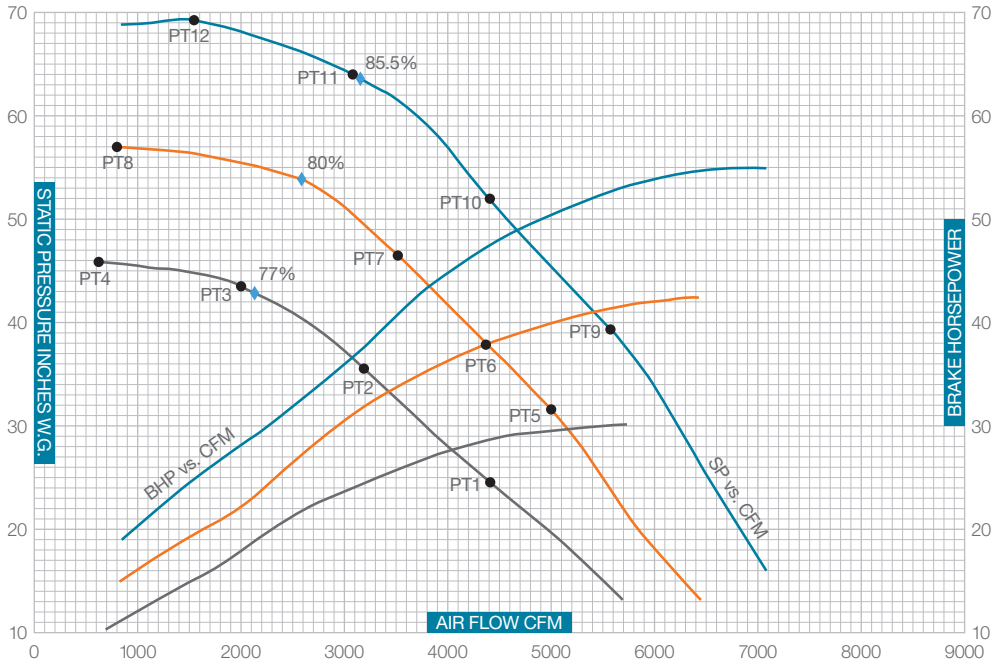


MODEL NUMBER	PT	CFM	SP	OCTAVE BAND (Hz) 63	125	250	500	1000	2000	4000	8000	dBA @ 5'
BC-8-08-26B CV-02012 3550 RPM	1	3500	25.62	111	110	105	105	102	100	96	106	100
	2	2500	37.84	111	109	104	104	101	99	95	104	98
	3	1500	44.10	110	108	102	102	99	96	93	102	96
	4	409	45.23	111	109	102	101	96	94	91	99	94

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.

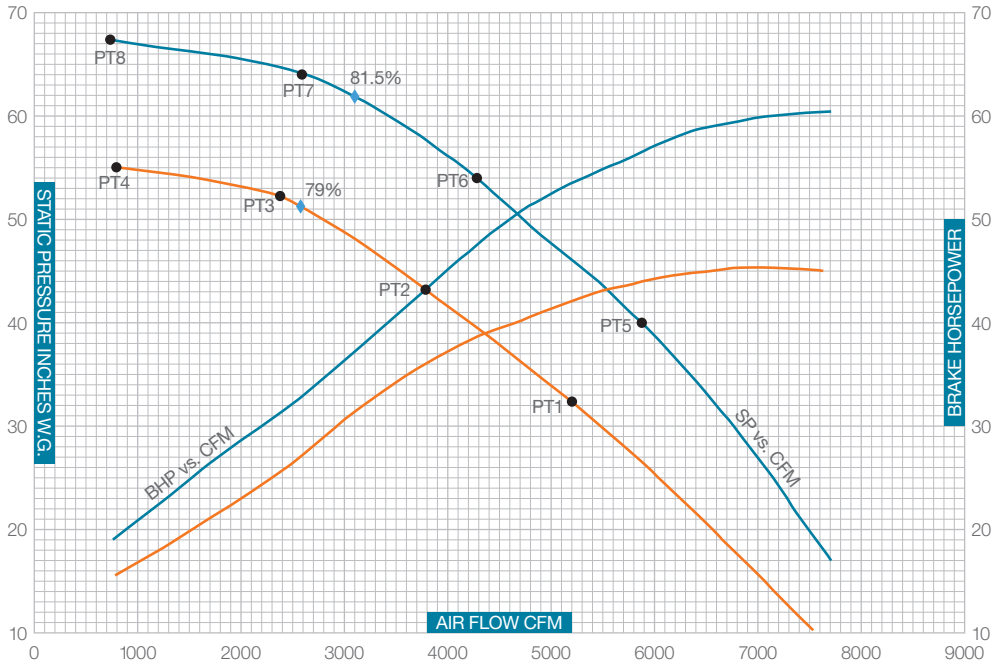


MODEL NUMBER	PT	CFM	SP	OCTAVE BAND (Hz) 63	125	250	500	1000	2000	4000	8000	dBA @ 5'
BC-8-10-26B CV-02013 3550 RPM	1	4400	24.31	112	110	107	107	102	101	97	95	99
	2	3200	35.41	112	110	106	106	102	100	97	95	98
	3	2025	43.17	113	111	106	104	100	97	95	95	98
	4	628	45.60	113	111	107	104	98	95	93	94	96
BC-8-10-28.7B 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	40.50	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	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
♦ = PEAK STATIC EFFICIENCY
● = OCTAVE BAND PT.

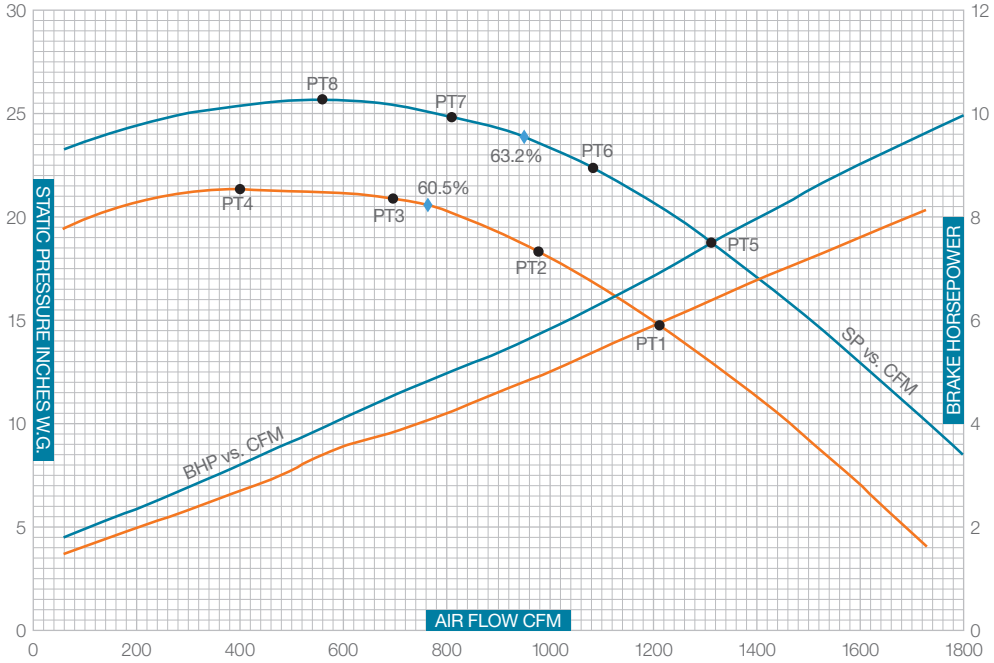


MODEL NUMBER	PT	CFM	SP	OCTAVE BAND (Hz) 63	125	250	500	1000	2000	4000	8000	dBA @ 5'
BC-8-12-28.7B CV-02014 3550 RPM	1	5200	32.41	106	106	106	109	105	104	100	94	102
	2	3800	43.38	107	106	104	108	105	103	99	94	101
	3	2400	52.18	108	107	103	106	103	100	96	93	100
	4	788	55.04	107	107	104	103	102	97	92	90	98
BC-8-12-31.5B 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.

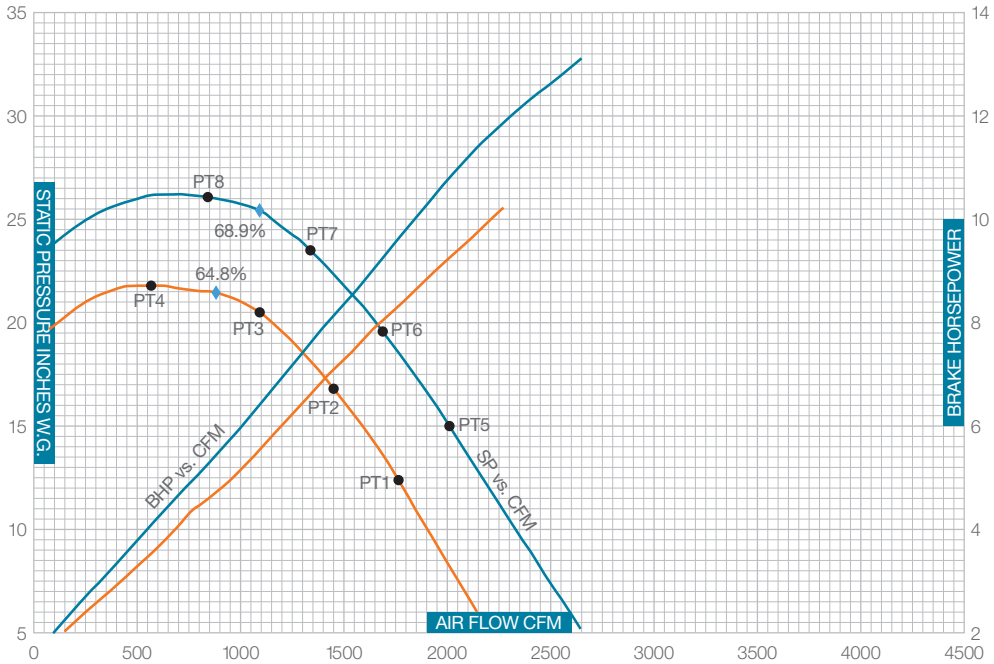


MODEL NUMBER	PT	CFM	SP	OCTAVE BAND (Hz) 63	125	250	500	1000	2000	4000	8000	dBA @ 5'
VP-1-06-17A TD-5006 3450 RPM	1	1205	15	90	98	99	111	99	91	86	81	98
	2	980	18.5	88	98	97	108	96	89	84	80	95
	3	700	21	86	95	96	106	94	88	83	79	93
	4	400	21.2	87	97	96	105	93	87	83	79	92
VP-1-06-18.5A TD-5006 3450 RPM	5	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.

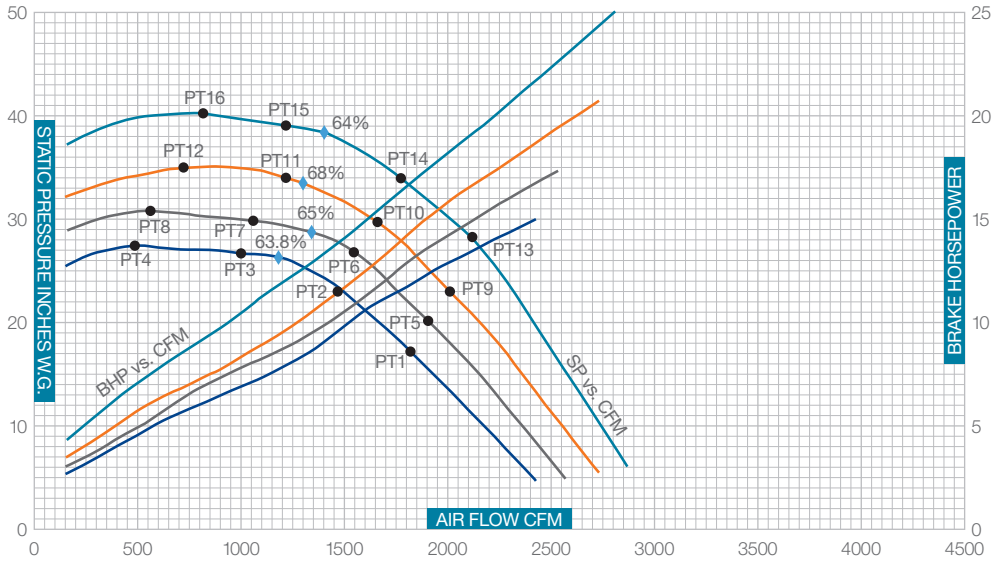


MODEL NUMBER	PT	CFM	SP	OCTAVE BAND (Hz) 63	125	250	500	1000	2000	4000	8000	dBA @ 5'
VP-2-06-17B TD-5007 3450 RPM	1	1775	12.5	90	98	102	113	102	95	89	83	101
	2	1460	17	90	98	99	108	98	92	86	82	95
	3	1100	20.5	88	97	97	105	95	89	85	81	93
	4	570	21.7	89	96	96	105	99	90	84	80	94
VP-2-06-18.5B TD-5007 3450 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.

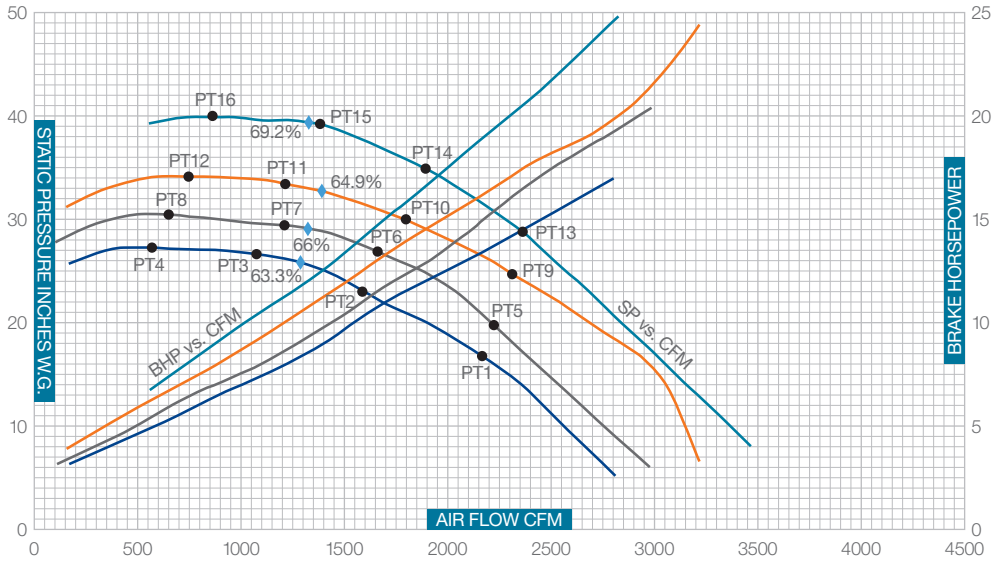


MODEL NUMBER	PT	CFM	SP	OCTAVE BAND (Hz) 63	125	250	500	1000	2000	4000	8000	dBA @ 5'
VP-3-06-19A TD-5008 3515 RPM	1	1850	17	91	99	100	103	101	96	90	86	96
	2	1500	23	89	99	100	99	97	93	88	86	92
	3	1000	26.8	90	99	99	97	94	90	86	85	89
	4	500	27.2	91	98	99	97	94	90	86	87	89
VP-3-06-20A TD-5008 3515 RPM	5	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.

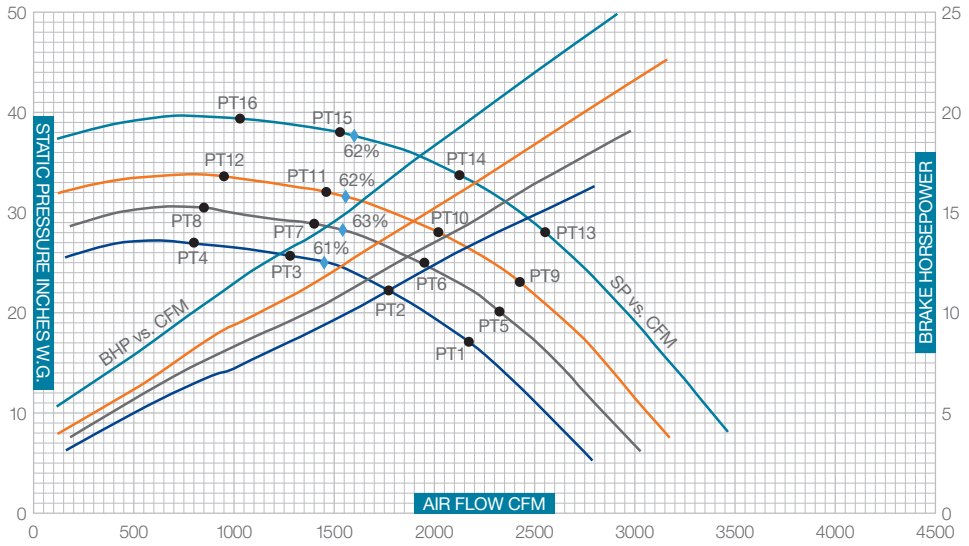


MODEL NUMBER	PT	CFM	SP	OCTAVE BAND (Hz) 63	125	250	500	1000	2000	4000	8000	dBA @ 5'
VP-3-08-19A TD-5009 3515 RPM	1	2170	17	93	103	104	104	100	95	90	84	95
	2	1625	23	91	102	102	101	97	93	88	83	92
	3	1100	26.9	92	104	100	98	94	90	87	82	89
	4	575	27.2	93	104	100	99	93	89	86	81	89
VP-3-08-20A TD-5009 3515 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.

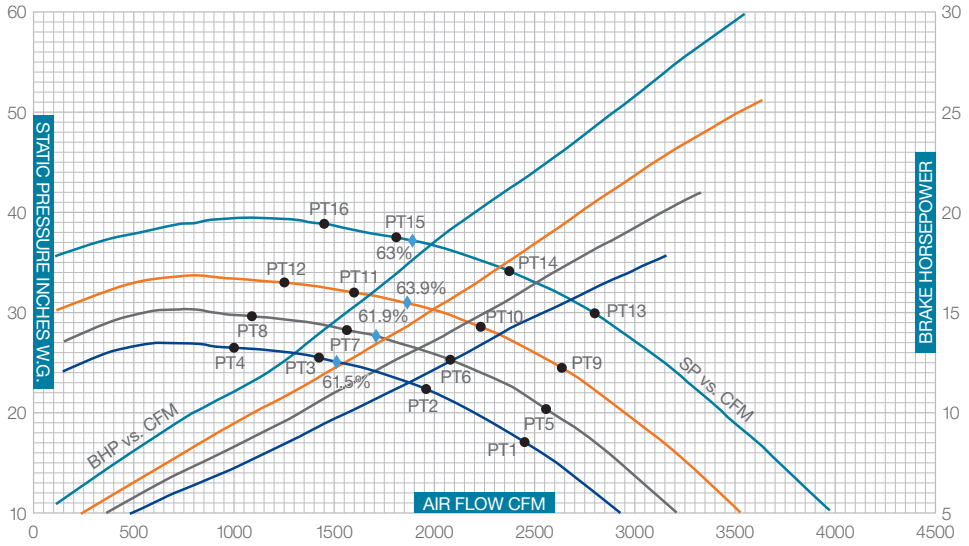


MODEL NUMBER	PT	CFM	SP	OCTAVE BAND (Hz) 63	125	250	500	1000	2000	4000	8000	dBA @ 5'
VP-4-06-19B TD-5010 3515 RPM	1	2175	17	91	98	103	103	102	96	90	86	96
	2	1800	22	90	97	102	102	99	94	89	85	94
	3	1300	25.9	91	97	101	98	96	92	88	85	91
	4	800	27	94	100	100	98	95	91	87	84	90
VP-4-06-20B TD-5010 3515 RPM	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.

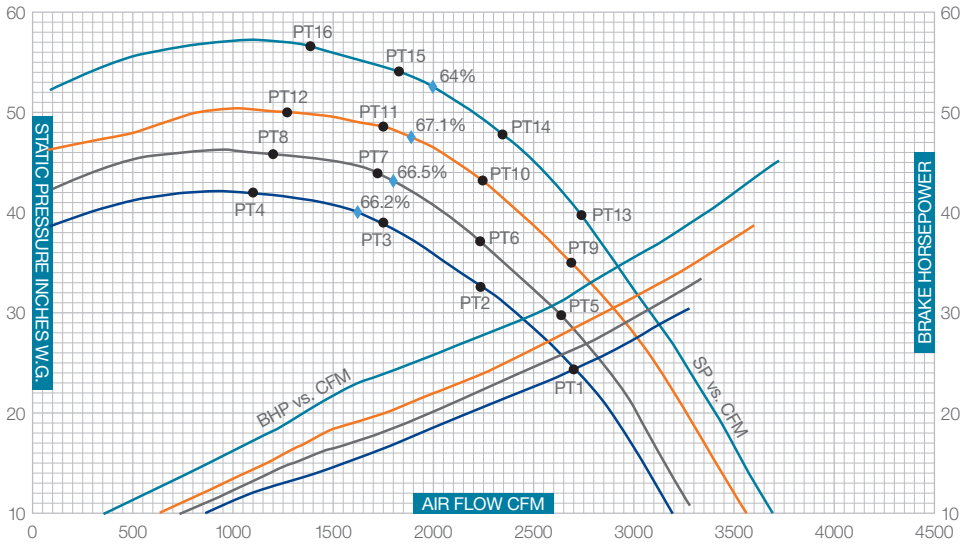


MODEL NUMBER	PT	CFM	SP	OCTAVE BAND (Hz) 63	125	250	500	1000	2000	4000	8000	dBA @ 5'
VP-4-08-19B TD-5011 3515 RPM	1	2475	18	92	103	103	103	99	95	90	86	95
	2	1975	23	93	103	102	101	97	93	89	86	93
	3	1470	26.4	93	103	101	99	95	92	88	86	91
	4	1000	27	94	103	100	100	94	91	87	84	90
VP-4-08-20B TD-5011 3515 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.

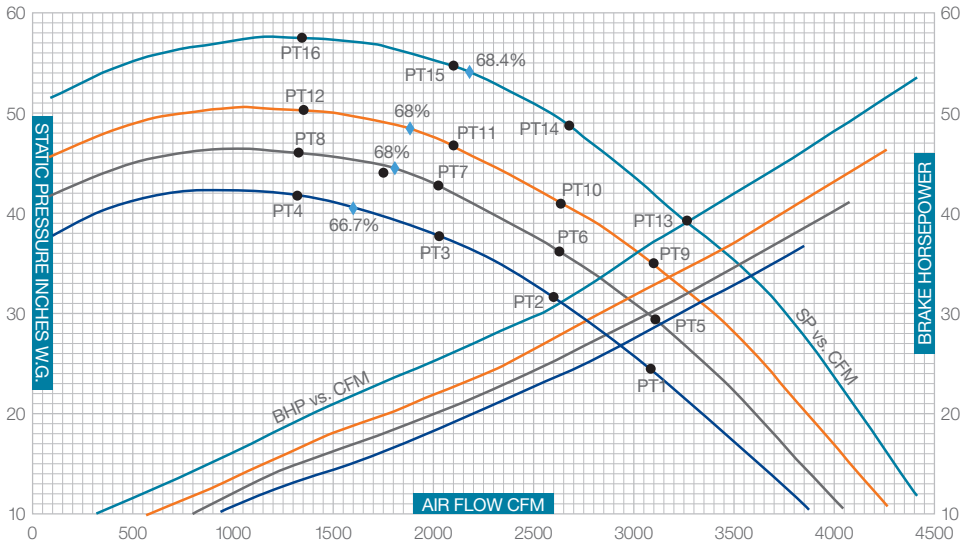


MODEL NUMBER	PT	CFM	SP	OCTAVE BAND (Hz) 63	125	250	500	1000	2000	4000	8000	dBA @ 5'
VP-5-06-23A TD-5012 3515 RPM	1	2700	25	92	100	104	114	107	102	96	92	104
	2	2250	33	90	99	102	109	104	99	94	89	100
	3	1750	39.5	90	98	100	105	101	96	92	89	96
	4	1100	42.2	92	98	98	101	96	93	90	86	92
VP-5-06-24A TD-5012 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.

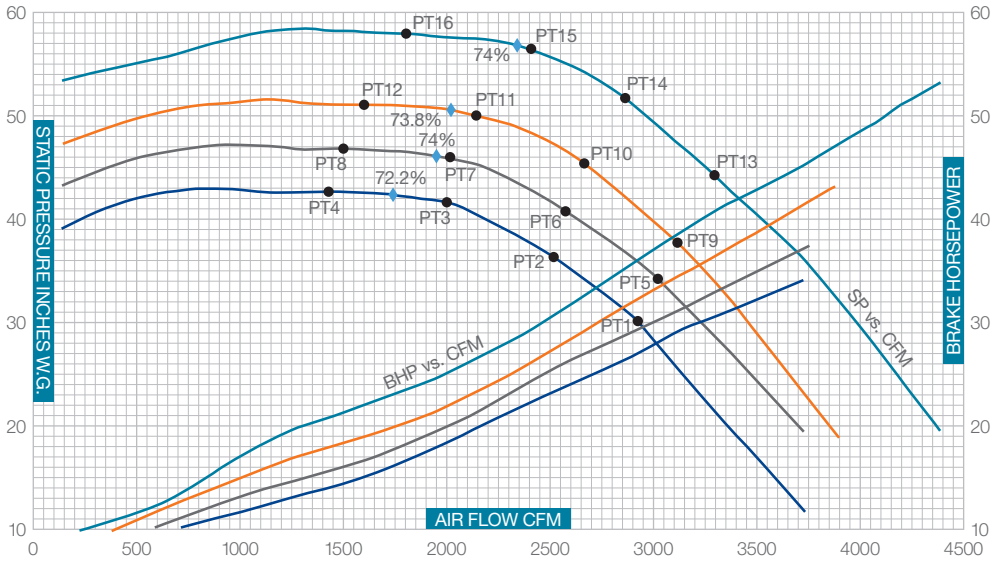


MODEL NUMBER	PT	CFM	SP	OCTAVE BAND (Hz) 63	125	250	500	1000	2000	4000	8000	dBA @ 5'
VP-5-08-23A TD-5013 3515 RPM	1	3075	25	93	105	106	112	105	101	96	91	101
	2	2600	32	93	103	104	109	102	100	95	90	99
	3	2025	38	92	103	102	103	100	98	93	89	96
	4	1320	42	93	104	100	99	97	95	91	88	93
VP-5-08-24A TD-5013 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.

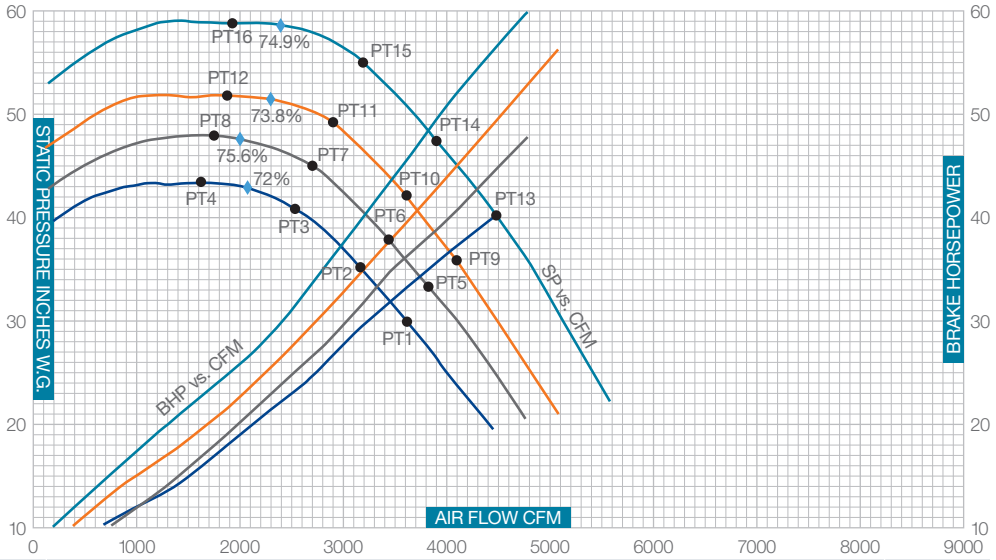


MODEL NUMBER	PT	CFM	SP	OCTAVE BAND (Hz) 63	125	250	500	1000	2000	4000	8000	dBA @ 5'
VP-6-06-23B TD-5014 3515 RPM	1	2950	30	92	100	106	111	109	103	96	91	103
	2	2520	37	91	98	103	110	104	100	94	89	100
	3	2000	42	91	97	100	107	100	98	92	88	97
	4	1450	43	94	102	98	103	97	95	91	87	93
VP-6-06-24B TD-5014 3515 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.

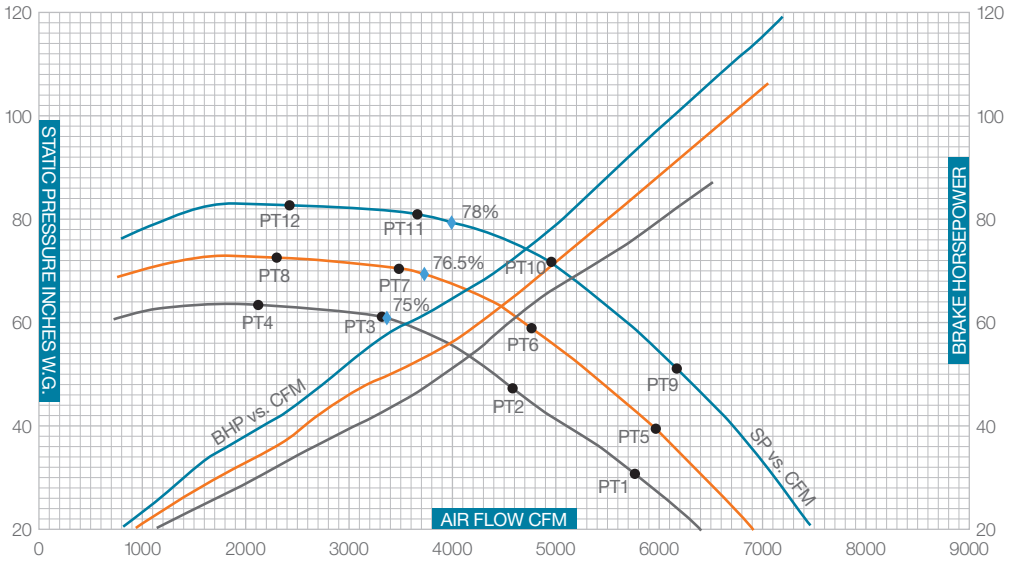


MODEL NUMBER	PT	CFM	SP	OCTAVE BAND (Hz) 63	125	250	500	1000	2000	4000	8000	dBA @ 5'
VP-6-08-23B TD-5014 3515 RPM	1	3650	30	95	103	117	114	107	103	98	92	103
	2	3200	35	94	102	107	111	105	102	96	91	102
	3	2550	41	93	102	104	109	103	100	95	91	99
	4	1690	43.3	93	103	101	106	100	98	94	90	96
VP-6-08-24B TD-5014 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-2022/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.

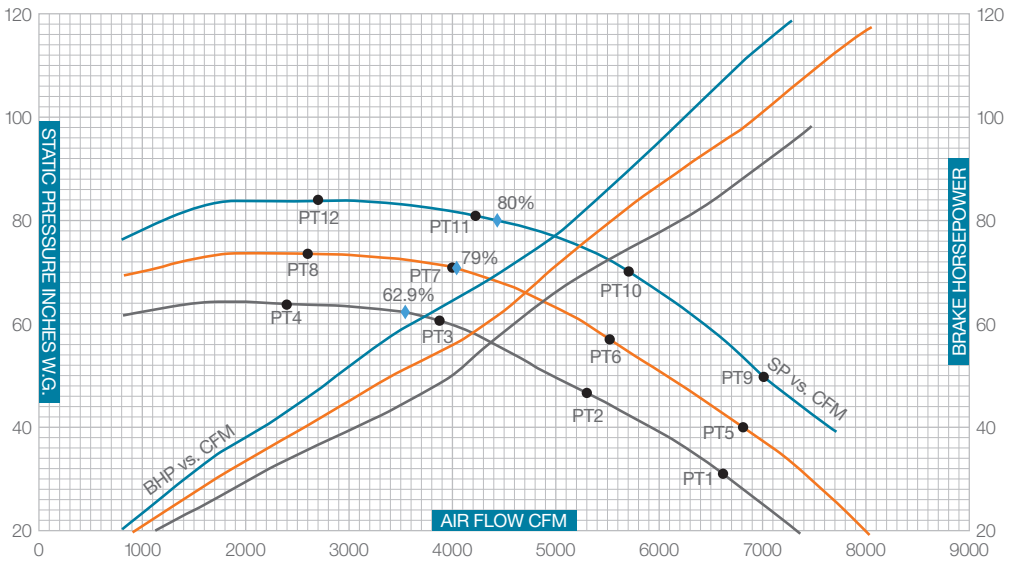


MODEL NUMBER	PT	CFM	SP	OCTAVE BAND (Hz) 63	125	250	500	1000	2000	4000	8000	dBA @ 5'
VP-7-08-28.1A CV-02022 3550 RPM	1	5800	31.40	105	107	111	113	111	108	102	96	107
	2	4600	48.36	106	105	107	108	107	105	99	94	103
	3	3340	61.26	108	107	104	105	104	102	97	93	99
	4	2137	63.90	105	103	100	101	100	98	93	88	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-2023/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.

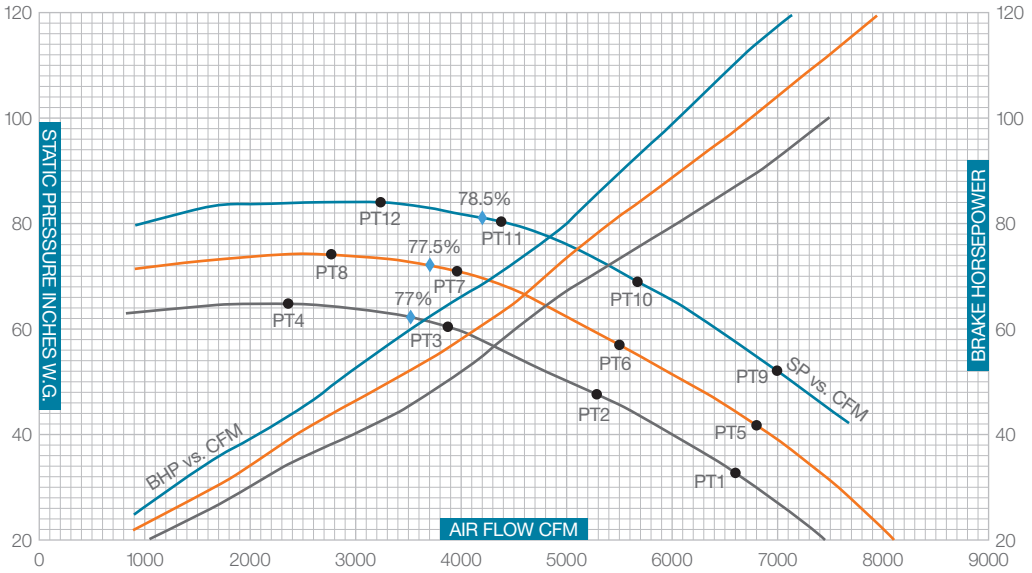


MODEL NUMBER	PT	CFM	SP	OCTAVE BAND (Hz) 63	125	250	500	1000	2000	4000	8000	dBA @ 5'
VP-7-10-28.1A CV-02023 3550 RPM	1	6600	32.32	105	106	112	113	112	108	102	96	108
	2	5300	47.51	105	104	108	110	108	106	100	94	103
	3	3900	61.20	105	103	104	106	104	103	97	92	100
	4	2433	64.38	105	113	101	103	101	100	94	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-2024/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.

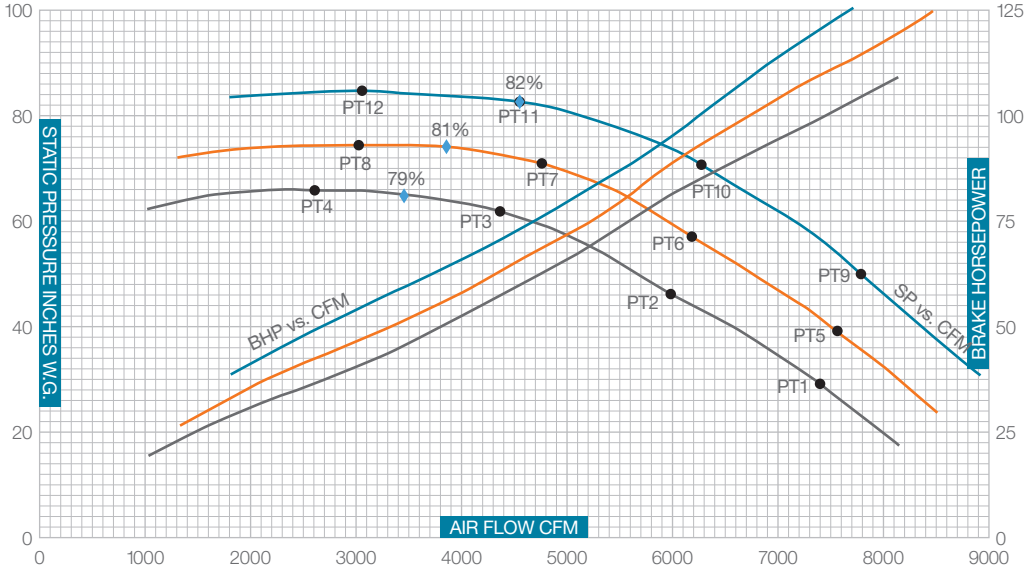


MODEL NUMBER	PT	CFM	SP	OCTAVE BAND (Hz) 63	125	250	500	1000	2000	4000	8000	dBA @ 5'
VP-7-12-28.1A CV-02024 3550 RPM	1	6600	33.07	105	110	113	112	110	108	102	96	105
	2	5300	47.67	105	106	110	110	108	106	100	94	103
	3	3900	60.56	105	104	105	107	104	103	98	93	100
	4	2446	64.78	105	108	101	105	101	99	94	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	5500	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.

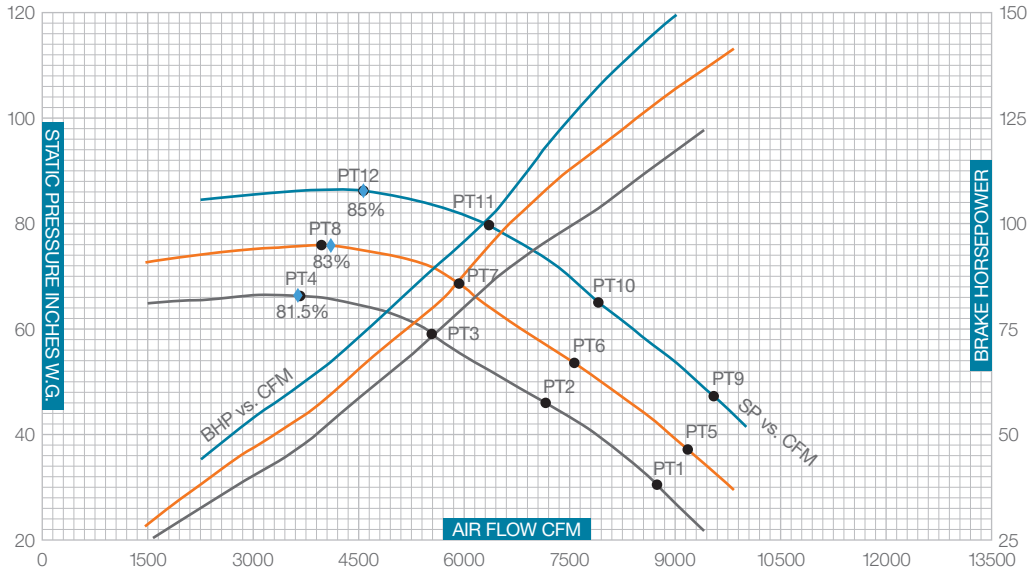


MODEL NUMBER	PT	CFM	SP	OCTAVE BAND (Hz) 63	125	250	500	1000	2000	4000	8000	dBA @ 5'
VP-8-08-28.1B CV-02025 3550 RPM	1	7400	28.27	105	106	108	116	111	107	103	97	108
	2	6000	45.62	105	106	108	116	111	107	103	97	108
	3	4400	61.20	105	105	104	111	108	104	101	96	105
	4	2629	65.59	105	105	102	105	104	100	97	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.

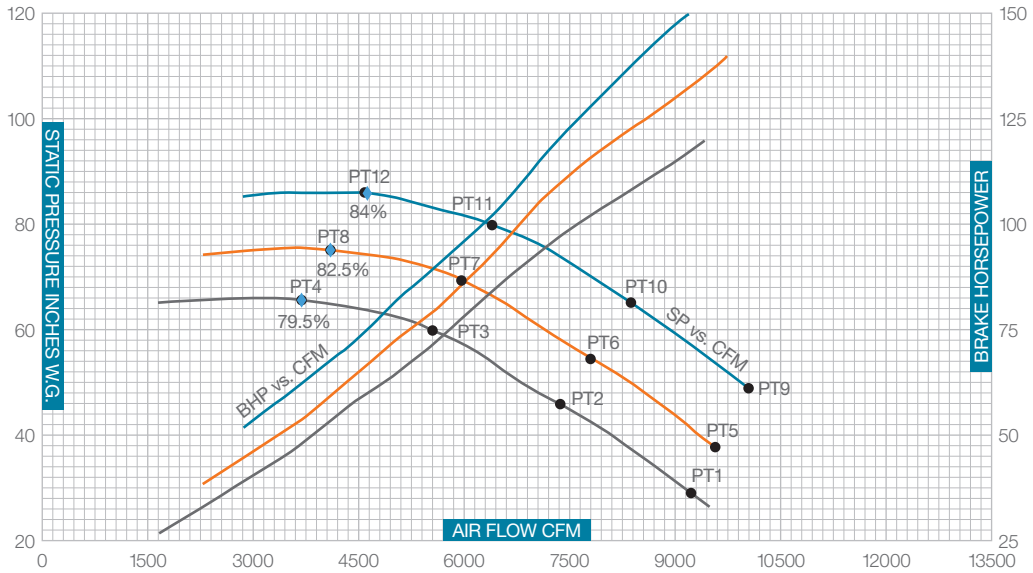


MODEL NUMBER	PT	CFM	SP	OCTAVE BAND (Hz) 63	125	250	500	1000	2000	4000	8000	dBA @ 5'
VP-8-10-28.1B CV-02026 3550 RPM	1	8800	30.30	108	109	109	116	111	108	103	98	108
	2	7200	46.34	108	109	109	116	111	108	103	98	108
	3	5600	59.54	108	108	108	114	110	107	104	98	105
	4	3690	66.78	107	107	103	108	106	102	99	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

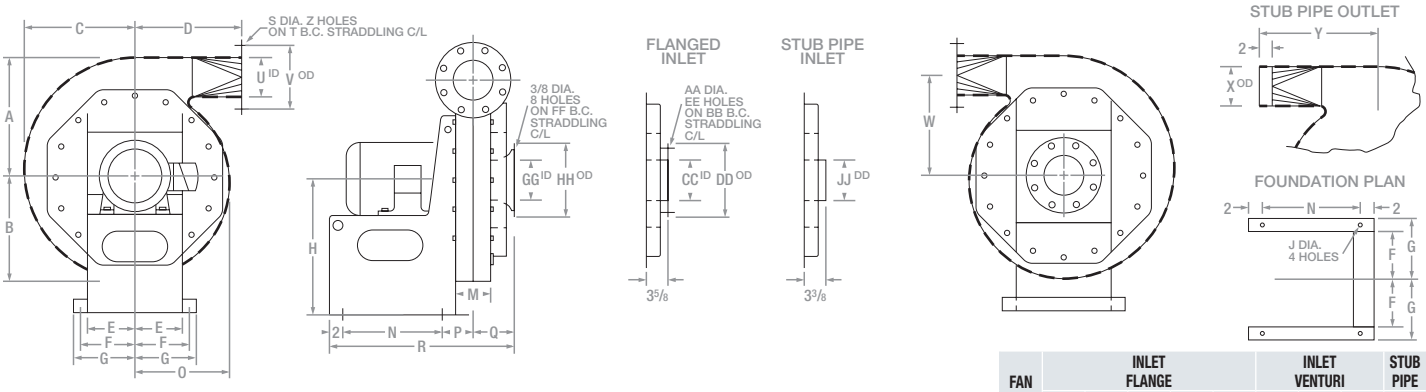
12" INLET, 10" OUTLET
3550 RPM, .075 DENSITY @ INLET
IV = CFM/.7854, OV = CFM/.5454

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) 63	125	250	500	1000	2000	4000	8000	dBA @ 5'
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



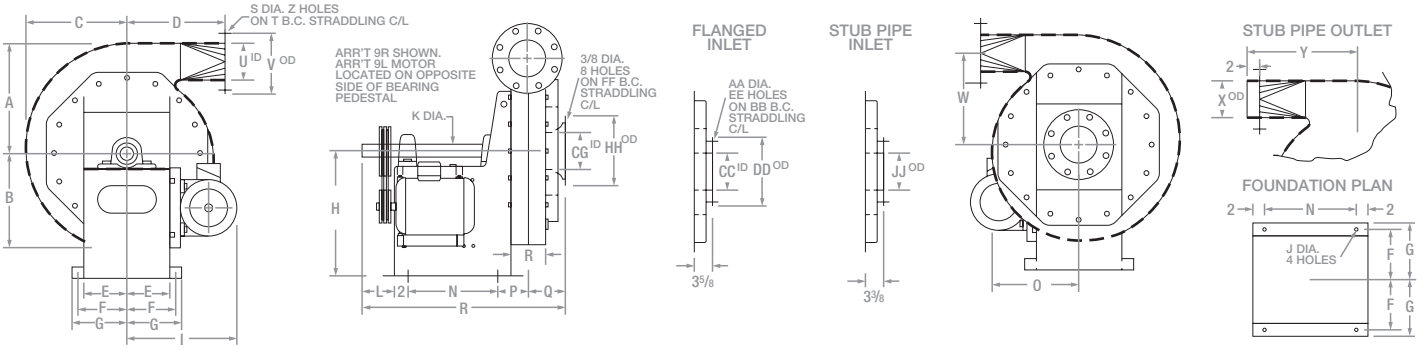
FAN SIZE	INLET FLANGE AA	BB	CC	DD	EE	INLET VENTURI FF	GG	HH	STUB PIPE JJ
4	¾	7½	3¾	9	8	8	3⅞	9	4
6	⅞	9½	5¾	11	8	10	5⅞	11	6
8	⅞	11¾	7¾	13½	8	13	7⅞	14	8
10	1	14¼	9¾	16	12	16	9⅞	17	10
12	1	17	11¾	19	12	20	11⅞	22	12

ALL DIMENSIONS SHOWN IN INCHES

*Add ¼" for flanged inlet.

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										2⅛			3⅜6	4⅞6	21⅝	¾	7½	4	9		4		8		143-T
1	13¼	11½	12⅜	12⅝	5⅞	7	8	17	9⁄16	4	12	10⅝	4⅛	5⅜	23½	⅞	8½	5	10	10½	5	14⅜	8	185	THRU
2										5			4⅝	5⅞	24½	⅞	9½	6	11		6		8		215-T
3N										2⅜			3⅝6	4⅜6	24½	¾	7½	4	9		4		8		143-T
3	17¾	15¼	16½	16	6 13⁄16	8	9	20	9⁄16	4½	14⅝	14	4⅜	5⅜	26⅝	⅞	9½	6	11	14¾	6	17¾	8	260	THRU
4										5½			4⅞	6⅛	27⅝	⅞	9½	6	11		6		8		286-T
5N										2½			3⅜	4⅝	28½	¾	7½	4	9		4		8		213-T
5	19¾	17¾	18¾	18¾	8¾	10	11	26	1 1⁄16	4¾	18½	16¾	4½	5¾	30¾	⅞	9½	6	11	16½	6	20½	8	390	THRU
6										6			5⅛	6⅜	32	⅞	11¾	8	13½		8		8		326-T
7N										3			3 1 1⁄16	4⅞	32 1⁄16	⅞	9½	6	11		6		8		213-T
7	23 7⁄16	21 1⁄16	22¼	22¼	10½	12	13	32	1 1⁄16	5⅝	21½	19⅞	5	6 9⁄16	34 1⁄16	⅝	11¾	8	13½	19⅝	8	24	8	800	THRU
8										7⅛			5¾	6 15⁄16	36 3⁄16	1	14¼	10	16		10		12		405T

Dimensional Data Arrangement 9



FAN SIZE	INLET FLANGE AA	BB	CC	DD	EE	INLET VENTURI FF	GG	HH	STUB PIPE JJ
4	¾	7½	3¾	9	8	8	3⅞	9	4
6	⅞	9½	5¾	11	8	10	5⅞	11	6
8	⅞	11¾	7¾	13½	8	13	7⅞	14	8
10	1	14¼	9¾	16	12	16	9⅞	17	10
12	1	17	11¾	19	12	20	11⅞	22	12

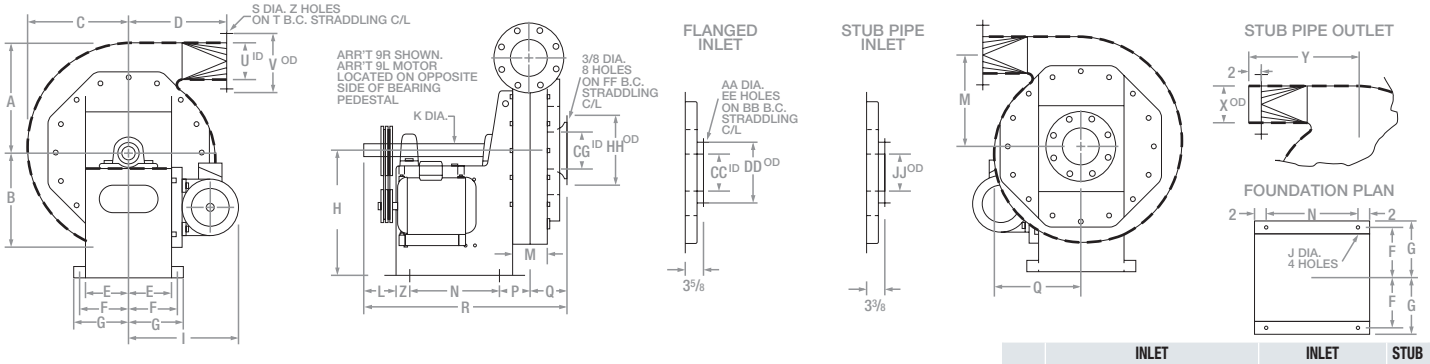
*Extended base arrangement 9 fans available for larger motor frame size. See below.

**Add ¼" for flanged inlet.

ALL DIMENSIONS SHOWN IN INCHES

FAN SIZE	A	B	C	D	E	F	G	H	I – MOTOR FRAME SIZE 143T 145T	182T 184T	213T 215T	254T 256T	284T 286T	J	K	L	M	N	O	P	**Q	**R	S	T	U	V	W	X	Y	Z	MAX. ARR'T 9 FRAME	APPROX. FAN WT. LESS MOTOR
1N																	2⅛			3⅜6	4⅞6	25⅝	¾	7½	4	9		4		8		
1	13¼	11½	12⅜	12⅝	5⅞	7	8	17	14½	16⅝	*	–	–	9⁄16	1 1⁄16	4	4	12	10⅝	4⅛	5⅜	27½	⅞	8½	5	10	10½	5	14⅜	8	184-T*	250
2																	5			4⅝	5⅞	28½	⅞	9½	6	11		6		8		
3N																	2⅜			3⅝6	4⅜6	29½	¾	7½	4	9		4		8		
3	17¾	15¼	16½	16	16 13⁄16	8	9	20	–	17⅝	19½	*	–	9⁄16	1 5⁄16	5	4½	14⅝	14	4⅜	5⅜	31⅝	⅞	9½	6	11	14¾	6	17¾	8	215-T*	310
4																	5½			4⅞	6⅛	32⅝	⅞	9½	6	11		6		8		
5N																	2½			3⅜	4⅝	34½	¾	7½	4	9		4		8		
5	19¾	17¾	18¾	18¾	8¾	10	11	26	–	–	21½	23 9⁄16	*	1 1⁄16	2 3⁄16	6	4¾	18½	16¾	4½	5¾	36¾	⅞	9½	6	11	16½	6	20½	8	256-T*	480
6																	6			5⅛	6⅜	38	⅞	11¾	8	13½		8		8		
7N																	3			3 1 1⁄16	4⅞	39 1⁄16	⅞	9½	6	11		6		8		
7	23 7⁄16	21 1⁄16	22¼	22¼	10½	12	13	32	–	–	23⅛	25 3⁄16	26⅞	1 1⁄16	2 7⁄16	7	5⅝	21½	19⅞	5	6 3⁄16	41 1⁄16	⅞	11¾	8	13½	19⅝	8	24	8	286-T*	870
8																	7⅛			5¾	6 15⁄16	43 3⁄16	1	14¼	10	16		10		12		

Dimensional Data Arrangement 9 with Extended Base



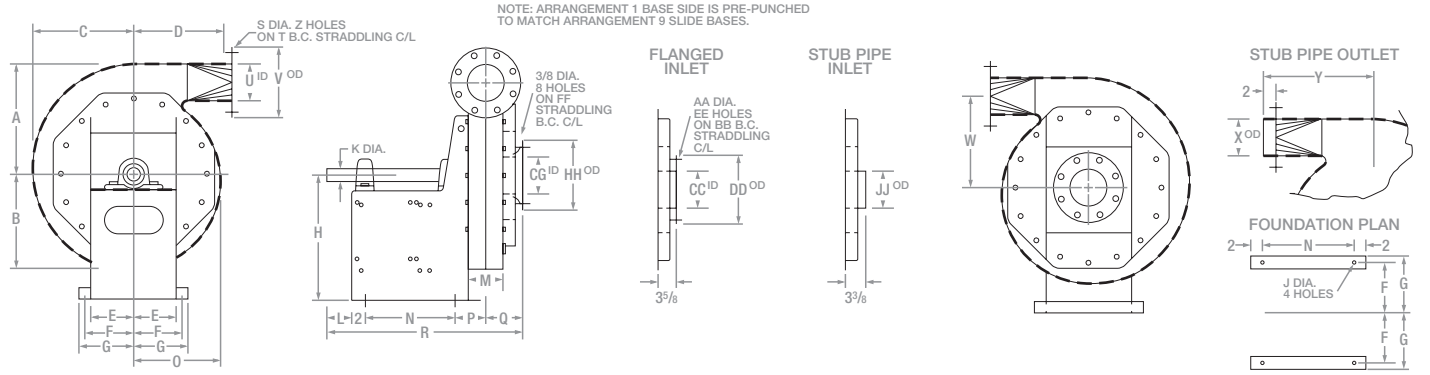
FAN SIZE	INLET FLANGE AA	BB	CC	DD	EE	INLET VENTURI FF	GG	HH	STUB PIPE JJ
4	¾	7½	4⅛	9	8	8	3⅞	9	4
6	⅞	9½	6⅛	11	8	10	5⅞	11	6
8	⅞	11¾	8⅛	13½	8	13	7⅞	14	8
10	1	14¼	10⅛	16	12	16	9⅞	17	10

ALL DIMENSIONS SHOWN IN INCHES

*Add ¼" for flanged inlet.

FAN SIZE	A	B	C	D	E	F	G	H	I – MOTOR FRAME SIZE 213T 215T	254T 256T	284T 286T	324T 326T	J	K	L	M	N	O	P	*Q	*R	S	T	U	V	W	X	Y	Z	KK	MAX. ARR'T 9 FRAME	APPROX. FAN WT. LESS MOTOR
1N																2⅛			3⅜₁₆	4⅞₁₆	2⅞₁₆	9⁄32	5⅝₁₆	4	6⅛₁₆		4			8		
1	13¼	11½	12⅜	12⅝	5⅞	7	8	17	18½	–	–	–	⅝	1¹¹⁄₁₆	4	4	12	10⅝	4⅛	5⅜	2⅞½	9⁄32	6⅝₁₆	5	7⅛₁₆	10½	5	14⅜	4	8	215-T	270
2																5			4⅝	5⅞	3⅛½	9⁄32	7⅝₁₆	6	8³⁄32		6			8		
3N																2⅜			3⅝₁₆	4⅝₁₆	3⅛½	9⁄32	5⅝₁₆	4	6⅛₁₆		4			8		
3	17¾	15¼	16½	16	6¹³⁄₁₆	8	9	20	19½	21⅝	–	–	⅝	1¹⁵⁄₁₆	5	4½	14⅝	14	4⅜	5⅝	3⅝⅝	9⁄32	7⅝₁₆	6	8³⁄32	14¾	6	17¾	5	8	256-T	340
4																5½			4⅞	6⅛	3⅝⅝	9⁄32	7⅝₁₆	6	8³⁄32		6			8		
5N																2½			3⅜	4⅝	3⅞½	9⁄32	5⅝₁₆	4	6⅛₁₆		4			8		
5	19¾	17¾	18¾	18¾	8¾	10	11	26	21½	23¹⁵⁄₁₆	25⅛	–	1⅛₁₆	2¾₁₆	6	4¾	18½	16¾	4½	5¾	3⅞¾	9⁄32	7⅝₁₆	6	8³⁄32	16½	6	20½	5	8	286-T	515
6																6			5⅛	6⅜	41	⅜	9¹⁵⁄₁₆	8	10⅜		8			8		
7N																3			3¹¹⁄₁₆	4⅞	4²¹⁄₁₆	⅜	7⅝₁₆	6	8³⁄32		6			8		
7	23⁷⁄₁₆	21¹⁄₁₆	22¼	22¼	10½	12	13	32	23⅛	25³⁄₁₆	26⅞	29	1⅛₁₆	2¹¹⁄₁₆	7	5⅝	21½	19⅞	5	6³⁄₁₆	4⁴¹⁄₁₆	⅜	9⁹⁄₁₆	8	10⅜	19⅝	8	24	5	8	326-T	920
8																7⅛			5¾	6¹⁵⁄₁₆	4⅜₁₆	⅜	11¹³⁄₁₆	10	12⅞		10			12		

Dimensional Data Arrangement 1



FAN SIZE	INLET FLANGE AA	BB	CC	DD	EE	INLET VENTURI FF	GG	HH	STUB PIPE JJ
4	¾	7½	3¾	9	8	8	3⅞	9	4
6	⅞	9½	5¾	11	8	10	5⅞	11	6
8	⅞	11¾	7¾	13½	8	13	7⅞	14	8
10	1	14¼	9¾	16	12	16	9⅞	17	10
12	1	17	11¾	19	12	20	11⅞	22	12

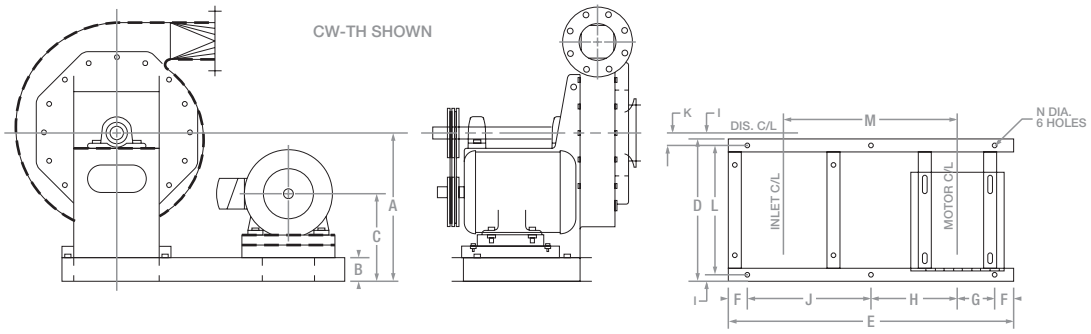
ALL DIMENSIONS SHOWN IN INCHES

*Add ¼" 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												2⅛			3³⁄₁₆	4⅞₁₆	2⅝⅝	¾	7½	4	9		4		8	143-T	
1	13¼	11½	12⅜	12⅝	5⅞	7	8	17	⅝	1¹¹⁄₁₆	4	4	12	10⅝	4⅛	5⅜	2⅞½	⅞	8½	5	10	10½	5	14⅜	8	145-T 182-T	245
2												5			4⅝	5⅞	2⅛½	⅞	9½	6	11		6		8	184-T 213-T	
3N												2⅜			3⅝₁₆	4⅝₁₆	2⅝½	¾	7½	4	9		4		8	182-T	
3	17¾	15¼	16½	16	6¹³⁄₁₆	8	9	20	⅝	1¹⁵⁄₁₆	5	4½	14⅝	14	4⅜	5⅝	3⅛⅝	⅞	9½	6	11	14¾	6	17¾	8	184-T 213-T	300
4												5½			4⅞	6⅛	3²⁵⁄₁₆	⅞	9½	6	11		6		8	215-T	
5N												2½			3⅜	4⅝	3⅝½	¾	7½	4	9		4		8	213-T 215-T	
5	19¾	17¾	18¾	18¾	8¾	10	11	26	1⅛₁₆	2¾₁₆	6	4¾	18½	16¾	4½	5¾	3⅝¾	⅞	9½	6	11	16½	6	20½	8	254-T 256-T	465
6												6			5⅛	6⅜	38	⅞	11¾	8	13½		8		8	284-T	
7N												3			3¹¹⁄₁₆	4⅞	3⁹⁄₁₆	⅞	9½	6	11		6		8	213-T 215-T	
7	23⁷⁄₁₆	21¹⁄₁₆	22¼	22¼	10½	12	13	32	1⅛₁₆	2⅞₁₆	7	5⅝	21½	19⅞	5	6³⁄₁₆	4¹¹⁄₁₆	⅞	11¾	8	13½	19⅝	8	24	8	254-T 256-T	850
8												7⅛			5¾	6¹⁵⁄₁₆	4³⁄₁₆	1	14¼	10	16		10		12	284-T	

Dimensional Data Arrangement 1 Unitary (Motor Position W)

ALSO AVAILABLE IN MOTOR POSITION Z

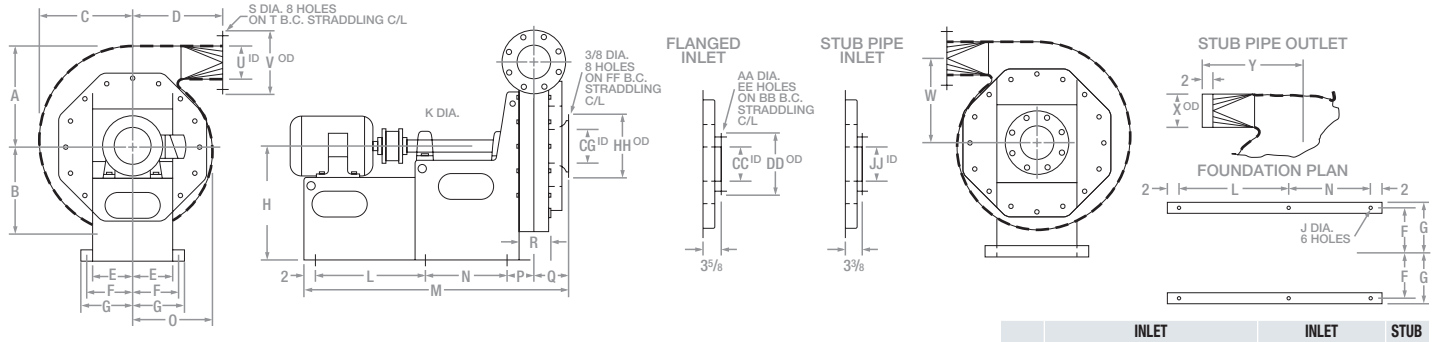


ALL DIMENSIONS SHOWN IN INCHES

*Discharge C/L on size 5N is actually ⅛" to opposite side mounting hole as shown.

FAN SIZE	FRAME SIZE	A	B	C	D	E	F	G	H	J	K			L	M	N	O	APPROX. TOTAL WT. INCLUDING FAN MOT. UNI.
											1N 3N 5N 7N	1 3 5 7	2 4 6 8					
1N, 1 & 2	182T	21	4	11⅝	20	38	3	5	11	16	3/16	1⅛	1⅝	18	22	1 1/16	23.9	407
	184T																	423
	213T			12⅝		40		6	11	17					23		24.5	481
	215T																	503
	254T			14 7/16		42		7	11	18					24		24.9	600
	256T																	631
3N, 3 & 4	182T	24	4	11⅝	22⅝	43	3	5	13½	18½	5/16	1⅜	1⅞	20⅝	26	1 1/16	28.8	469
	184T																	485
	213T			12⅝		46		6	14	20					28		30.2	544
	215T																	566
	254T			14 7/16		49		8	13½	21½					29		30.5	663
	256T																	694
	284T			15 3/16		51		9	13½	22½					30		31.3	801
	286T																	852
5N, 5 & 6	213T	32	6	14⅝	27½	50	3	6	16	22	*	1	1⅝	25½	30	1 1/16	34.7	865
	215T																	887
	254T			16 7/16		52		7	16	23					31		34.7	992
	256T																	1023
	284T			17 3/16		55		9	15½	24½					32		35.3	1140
	286T																	1190
	324T			18 11/16		58		10	16	26					34		36.5	1330
	326T																	1395
7N, 7 & 8	213T	38	6	14⅝	30½	57	3	7	18½	25½	3/16	1½	2¼	28½	34	1 3/16	41.3	1140
	215T																	1160
	254T			16 7/16		60		9	18	27					35		41.1	1250
	256T																	1275
	284T			17 3/16		62		10	18	28					36		41.6	1350
	286T																	1390
	324T			18 11/16		65		11	18½	29½					38		42.6	1475
	326T																	1575
	364T			19¾		68		13	18	31					39		43.1	1650
	365T																	1700
	404T			22¼		71		14	18½	32½					41		43.9	1825
	405T																	1920

Dimensional Data Arrangement 8 (Sizes 1 through 6)



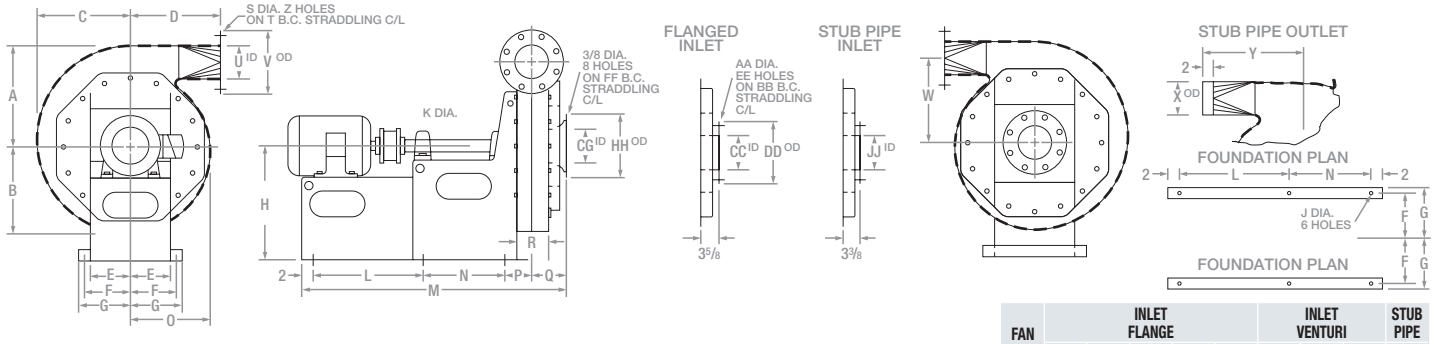
FAN SIZE	INLET FLANGE AA	BB	CC	DD	EE	INLET VENTURI FF	GG	HH	STUB PIPE JJ
4	¾	7½	4⅛	9	8	8	3⅞	9	4
6	⅞	9½	6⅛	11	8	10	5⅞	11	6
8	⅞	11¾	8⅛	13½	8	13	7⅞	14	8
10	1	14¼	10⅛	16	12	16	9⅞	17	10

ALL DIMENSIONS SHOWN IN INCHES

*Add ¼" for flanged inlet.

FAN SIZE	A	B	C	D	E	F	G	H	J	w	143T / 145T L	143T / 145T *M	182T / 184T L	182T / 184T *M	213T / 215T L	213T / 215T *M	254T / 256T L	254T / 256T *M	284TS / 286TS L	284TS / 286TS *M	324TS / 326TS L	324TS / 326TS *M	N	O	P	*Q	R	S	T	U	V	W	X	Y	APPROX. FAN WT. LESS MOTOR
1N												36¼		37¾		40⅞		45½							3 3/16	4 7/16	2⅛	¾	7½	4	9		4		
1	13¼	11½	12⅜	12⅝	5⅞	7	8	17	9/16	1 1/16	14⅝	38⅛	16⅛	39⅝	19¼	42¾	23⅞	47⅜	–	–	–	–	12	10⅝	4⅛	5⅜	4	⅞	8½	5	10	10½	5	14⅜	240
2												39⅛		40⅝		43¾		48⅜							4⅝	5⅞	5	⅞	9½	6	11		6		
3N												39 1/16		41⅛		44⅛		48⅞		49⅝					3 5/16	4 9/16	2 3/8	¾	7½	4	9		4		
3	17¾	15¼	16½	16	6 13/16	8	9	20	9/16	1 5/16	15 3/16	41 13/16	16⅝	43¼	19⅝	46¼	24⅜	51	25⅛	51¾	–	–	14⅝	14	4⅜	5⅝	4½	⅞	9½	6	11	14¾	6	17¾	335
4												42 13/16		44¼		47¼		52		52¾					4⅞	6⅛	5½	⅞	9½	6	11		6		
5N																49½		54⅜		55⅛		57⅛			3⅜	4⅝	2½	¾	7½	4	9		4		
5	19¾	17¾	18¾	18¾	8¾	10	11	26	1/16	2 3/16	–	–	–	–	21	51¾	25 7/8	56⅝	26⅝	57⅜	28⅝	59⅜	18½	16¾	4½	5¾	4¾	⅞	9½	6	11	16½	6	20½	520
6																53		57⅞		58⅝		60⅝			5⅛	6⅜	6	⅞	11¾	8	13½		8		

Dimensional Data Arrangement 8 (Sizes 7N, 7, & 8)



FAN SIZE	INLET FLANGE AA	BB	CC	DD	EE	INLET VENTURI FF	GG	HH	STUB PIPE JJ
6	⅞	9½	5¾	11	8	10	5⅞	11	6
8	⅞	11¾	7¾	13½	8	13	7⅞	14	8
10	1	14¼	9¾	16	12	16	9⅞	17	10
12	1	17	11¾	19	12	20	11⅞	22	12

ALL DIMENSIONS SHOWN IN INCHES

*Add ¼" for flanged inlet.

FAN SIZE	A	B	C	D	E	F	G	H	J	K	213T / 215T L	213T / 215T M	254T / 256T L	254T / 256T M	284TS / 286TS L	284TS / 286TS M	324TS / 326TS L	324TS / 326TS M	364TS / 365TS L	364TS / 365TS M	404TS / 405TS L	404TS / 405TS M	N	O	P	*Q	R	S	T	U	V	W	X	Y	Z	APPROX. FAN WT. LESS MOTOR
7N												55 1/16		60 1/16		61 1/16		63 1/16		64 1/16		68 1/16			3 11/16	4 7/8	3	⅞	9½	6	11		6		8	
7	23 7/16	21 1/16	22¼	22¼	10½	12	13	32	1 1/16	2 7/16	23	57 11/16	28	62 1/16	29	63 1/16	31	65 1/16	32	66 1/16	36	70 1/16	21½	19 7/8	5	6 3/16	5⅝	⅞	11¾	8	13½	19⅝	8	24	8	1130
8												59 3/16		64 3/16		65 3/16		67 3/16		68 3/16		72 3/16			5¾	6 15/16	7⅛	1	14¼	10	16		10		12	

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