PEERLESS BLOWERS

Centrifan

In-Line Centrifugal Fans

Your Clean Air Source!

PEERLESS BLOWERS

CENTRIFAN® IN-LINE CENTRIFUGAL FAN
HIGH QUALITY... HIGH EFFICIENCY... VERSATILITY

CENTRIFAN
IN-LINE CENTRIFUGAL FANS INDEX

Centrifan Brochure Index 2
Centrifan Basic Product Features 2
Centrifan In-Line Centrifugal Fan 3
Mounting Positions 4
Motor Positions 4
Construction Features 5
Accessories 6
Material Specification 7
Centrifan In-Line Centrifugal Fan Performance Tables
C1050 8
C1220 9
C1350 10
C1500 11
C1650 12
C1820 13
C2000 14
C2220 15
C2450 16
C2700 17
C3000 18
C3300 19
C3650 20
C4020 21
C4450 22
C4900 23
Arrangement 4 and 9 24
Arrangement 1 25
Temperature and Altitude Correction Data 26
Spark-Resistant Standards 26
Arrangement 9 27

Established in 1893, **Peerless Blowers** has a well established record of manufacturing a complete line of heavy-duty industrial fans and blowers, as well as propeller fans for commercial and industrial applications. For over a hundred years, thousands of customers have come to know and depend on the quality-built, reliable and efficient fans and blower products produced by **Peerless Blowers**. Our engineering and design departments are experts assisting customers develop custom-designed air conveying systems that will meet and exceed their critical fan or blower application requirements.

Fans and blower products manufactured by **Peerless Blowers** have and continue to provide exceptional performance, cost-efficient operation and long-term service to customers in numerous OEM, commercial and industrial markets, including:

- Aviation • Automotive • Chemical
- Clothing • Food • Foundries
- Graphics/Printing • HVAC • Leather
- Maintenance • Manufacturing
- Mining • Paint • Paper/Pulp
- Petroleum • Plastics • Rail • Rubber
- Steel • Textile • And More!

Fans and blowers produced by **Peerless Blowers** have been application engineered and designed to meet and exceed all the requirements of today's air moving needs. Tested/rated to meet AMCA/ASHRAE Codes, our blowers are designed to provide maximum performance, long-term service and cost efficient operation in a wide variety of applications and environments.

Regardless of your air movement requirements, Peerless Blowers ...IS YOUR CLEAN AIR SOURCE!

CENTRIFAN — BASIC PRODUCT FEATURES

Adjustable Motor Base
- Centrifan (Arrangement 9) has heavy-duty base to accept standard **NEMA** frame motor.

Adjustable V-Belt Drive
- Standard equipment – high quality, cast iron
- V-Belt Belts used provide reliable and ample service length.
- Blowers are factory-set to meet job requirements when performance data is specified.
- Constant speed drives are available.

Anti-Friction Bearings
- Centrifan models come equipped with self-aligning, single row ball bearings, double row tapered or spherical roller bearings.
- Computerized selections are made on all bearings based on radial, thrust and combined loads to give 100,000 average life hours (AFBMA-L_{50}) at maximum design for each blower class.

Conversion Vanes
- Aerodynamic conversion vane system straightens air flow and assures turbulent free discharge flow.
- Aerodynamic conversion vane system minimizes discharge noise.

Housing
- Rugged, heavy gauge steel housings contain welded curved conversion vanes.
- All model sizes come with flanged inlet and outlet.
- Inner cylinder and belt duct shield bearings and drive from the air-stream.

Motor
- Commercial standard fan and blowers are job-matched to performance requirements.
- All types of current characteristics, enclosures and bearing constructions are available.

Shaft
- Is round, polished solid steel key-wayed on each end.

Static and Dynamic Balancing
- Complete wheel assemblies of all sizes are statically and dynamically balanced.

Wheels
- Air-foil bladed wheels are used on all sizes 27 inches diameter and above.
- Flat backward curve wheels are used on size 24½ inch diameter and below.

CENTRIFAN® IN-LINE CENTRIFUGAL FAN

The Peerless Blowers' Centrifan® represents a quality-built, reliable product design providing superior service and performance for our customers. Incorporating the tried and proven, highly efficient "Peerless" wheel in a vane-equipped tube (except on size C1050), the Centrifan® thus offers the combination of superior performance comparable to scroll type centrifugal fans and minimum space requirements formerly associated only with axial fan types.

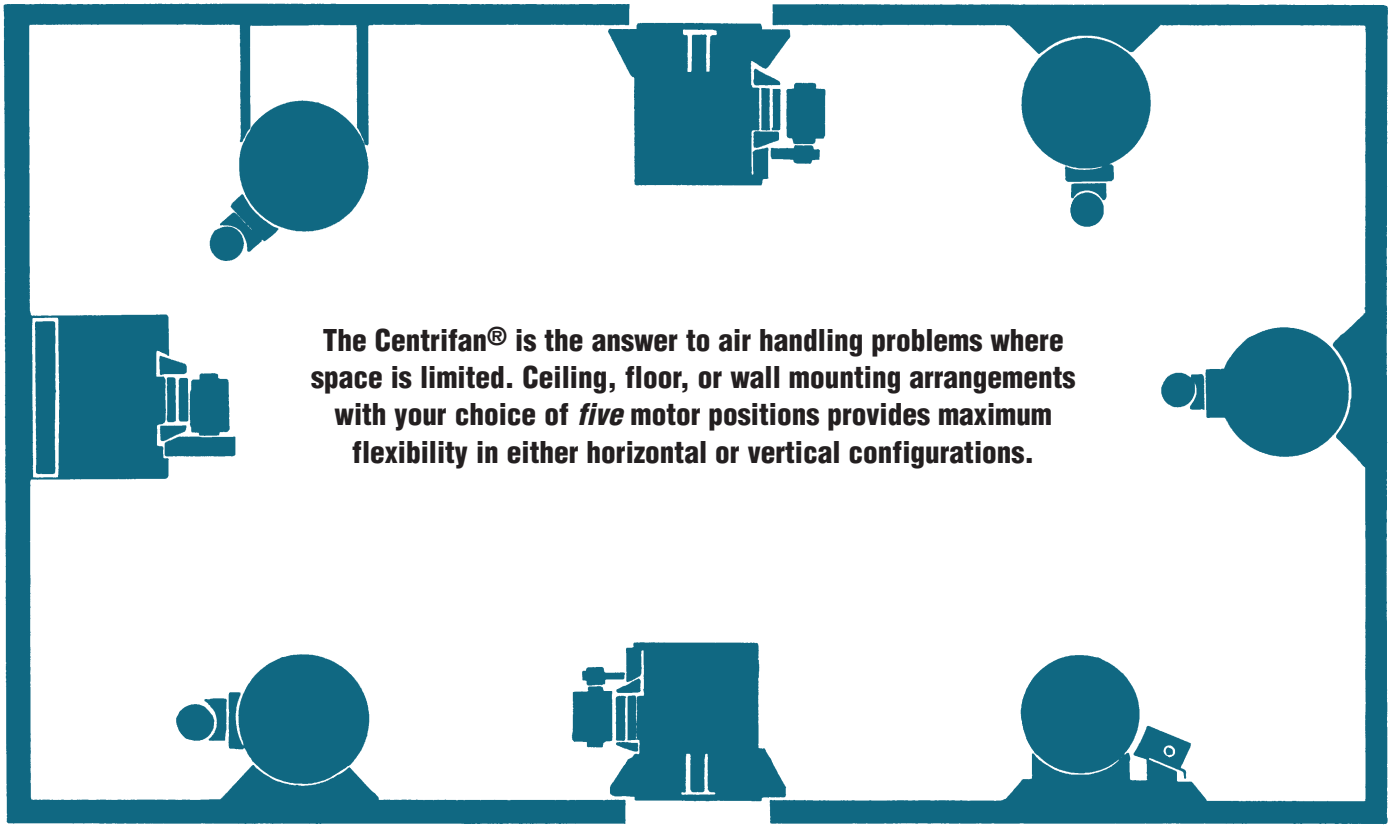
In addition to the obvious space saving advantages of the tubular design, the need for duct turns and transition pieces is eliminated, thus providing simpler and less costly installation. Inlet and outlet diameters are identical and floor, wall or ceiling installation for vertical or horizontal airflow can be made with equal ease.

Sixteen (16) standard sizes with wheel diameter from 10 1/2" thru 49" are available. AMCA Standards defining wheel diameters are observed throughout. Capacities range to 67,407 CFM and 8 1/2" static pressure.

The consolidation of the centrifugal wheel in the multiple conversion vane equipped tube on sizes C1220 and larger has produced a highly efficient, unusually quiet, compact unit having stable pressure and non-overloading horsepower characteristics.

Arrangement 9
Fig. "1" Motor Pos. "A"

Arrangement 1
Fig. "1" Motor Pos. "Left"



CENTRIFAN® MOTOR POSITIONS

Letters Designate Motor Positions. All Figures Show Discharge End.

Arrangement #9

Fig. 1
Floor Mounted

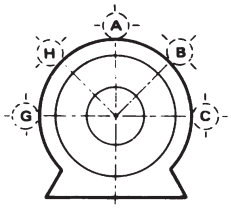


Fig. II
Ceiling Mounted

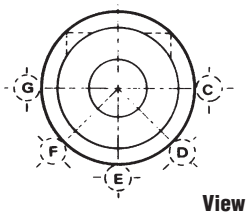


Fig. III
Left Wall Mounted

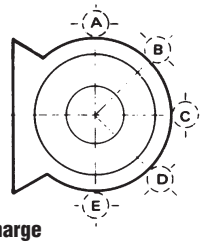
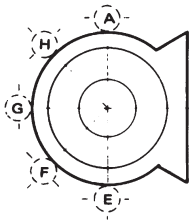


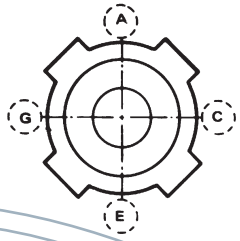
Fig. IV
Right Wall Mounted



View Facing Discharge

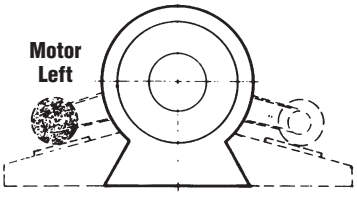
Arrangement #4 & #9

Fig. VI
Vertical Mounting



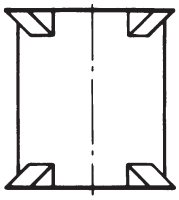
Arrangement #1

Floor Mounting



View Facing Discharge

Ceiling Mounting Brackets



Floor Mounting Brackets

Fig. VI Vertical Mounting

CENTRIFAN® CONSTRUCTION FEATURES

Adjustable Motor Base

The Arrangement 9 Centrifan® is equipped with a heavy-duty motor base designed to accept a standard NEMA frame motor. This base is pivoted at one end for easy, accurate belt adjustment.

Conversion Vanes

The aerodynamically designed conversion vane system not only straightens the airflow, but also assures turbulent free flow at the discharge which minimizes noise.

Note: Due to size limitations, conversion vanes are not included on size C1050. It is suggested that straightening vanes be added to duct immediately following discharge

Wheels

Centrifan® in-line centrifugal units utilize airfoil bladed wheels in all sizes 27" wheel diameter and above. The flat backward curve wheel is utilized in sizes 24 1/2" wheel diameter and below. The airfoil wheels have been designed to produce ultra high efficiency over a broad performance range with extremely low sound generation. Hollow heavy gauge airfoil blades, aerodynamically engineered, are die formed in one piece and welded at the trailing edge. Blades are then welded in special jigs to a spun inlet section and a heavy-duty backplate. Rugged cast iron hubs are used, with bore, keyways, and concentricity machined to close tolerances. The Peerless Blowers airfoil bladed wheel represents the ultimate in centrifugal wheel construction and is designed for optimum trouble-free performance and longevity

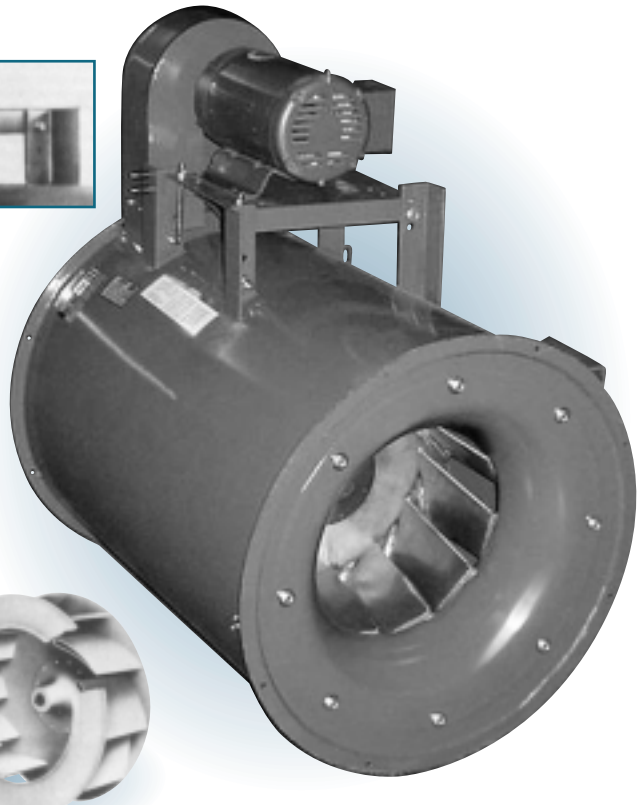
Anti-Friction Bearings

Centrifan® in-line centrifugal units are equipped with self-aligning single row ball bearings, double row tapered or spherical roller bearings.

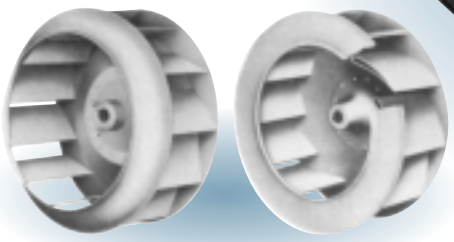
Computerized selections have been made on all bearings based on radial, thrust and combined loads to give 100,000 average life hours (AFBMA-L_{50}) at the maximum design of each blower class.

Bearings selected have effective seals to retain the lubricant and to prevent against contamination. All have extended lube lines with grease fittings for relubrication.

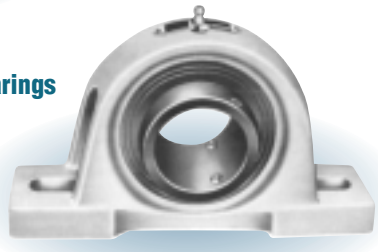
Adjustable Motor Base



Wheels



Anti-Friction Bearings



See table on page 7 for the type bearings used for each unit. Also listed are bearings available for 400,000 average life hours (AFBMA-L_{50}).

Peerless Blowers reserves the right to change bearings of equal ratings

Housing

Rugged heavy gauge steel tubular housings containing curved conversion vanes are all welded. All sizes are furnished with flanged inlet and outlet. Inner cylinder and belt duct shield bearings and drive from the airstream. Standard units are furnished with an integral adjustable motor base in Arrangement No. 9. For still more versatility, Arrangement No. 1 is available, in which the motor is located adjacent to the fan housing on a separate adjustable base and the entire assembly mounted on a common base. Arrangement No. 4, direct drive, is also available in Size C3650 and smaller.

Static and Dynamic Balancing

Complete wheel assemblies of all sizes are statically and dynamically balanced on electronically controlled balancing machines. The necessary weights are arc welded into place to insure permanent balance of the wheel. After complete blower assembly the unit is operated as part of the rigid final inspection. Balance is again checked with portable electronic balancing equipment and refinements are made if required.

CENTRIFAN® ACCESSORIES

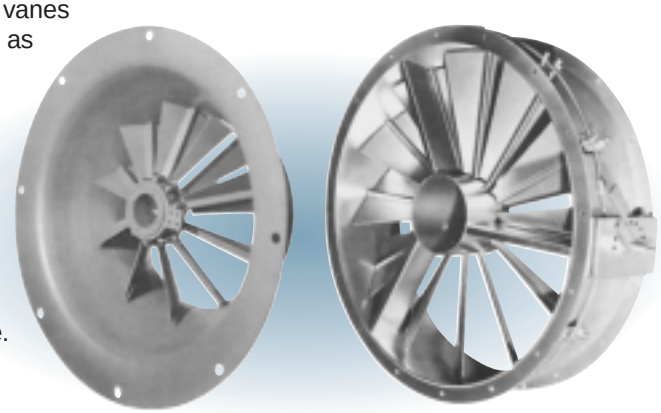
The Centrifan® performance ratings in this catalog result from test of standard equipment without accessories in place. The combining of several of the accessory items in the air stream may result in variations in air delivery from that shown in the performance tables. Where application is critical and/or unusual, it is recommended that you contact your local Peerless representative for engineering assistance in selection of accessory equipment.

Roof Fan

Sizes C1220 through C4900 are available for roof mounting by using a curb cap and stack hood with built in butterfly damper. Maximum velocity through butterfly damper is 3200 FPM.

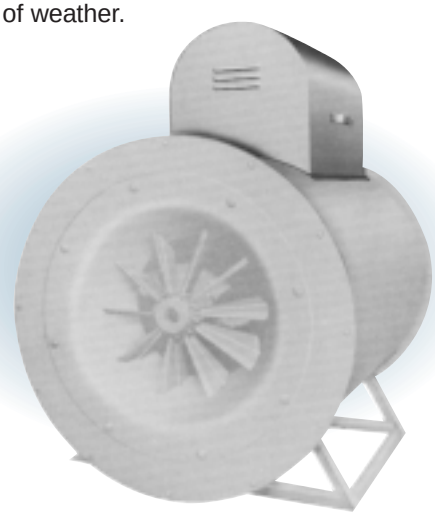
Radial Inlet Vane

Radial inlet vanes are available for all Centrifan® sizes. Nested vanes are located in the inlet cone as illustrated on the left, sizes C2700 and up. Duct type vanes, as illustrated on the right, are standard on sizes C1050 thru C2450. Vanes can be operated manually or by automatic control devices. Vanes for manual operation are equipped with quadrant and locking device.



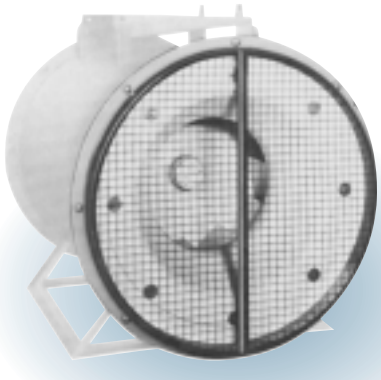
Weatherproof Drive Cover

Drive covers as shown can be furnished when required to completely shield motor and drives from effects of weather.



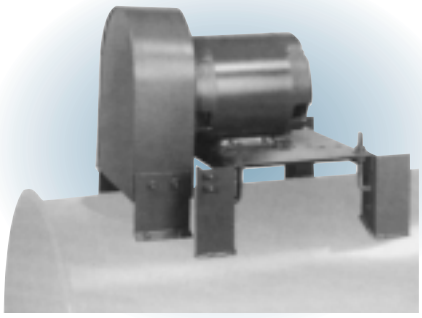
Inlet or Discharge Screen

For installation where inlet is non-ducted, heavy gauge metal screen guard is available as illustrated.



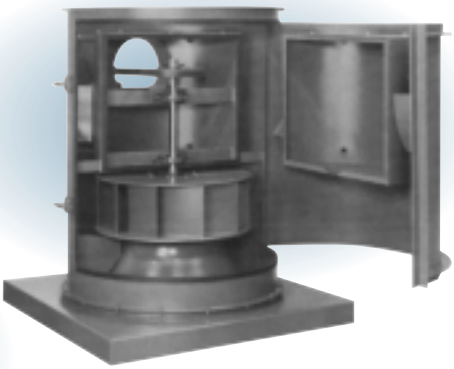
Belt Guard

Heavy gauge metal guards are furnished for personnel protection when required.



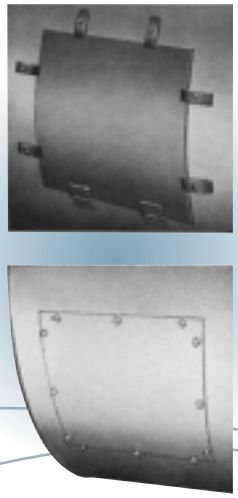
Ultra Swing Centrifan

Ultra Swing Centrifans are specifically constructed for readily accessible inspections. The side latches open to allow viewing of all inside parts. Fans are vertical mount upblast, Class 1, sizes C1820 to C4900.



Access Door

Bolted and quick opening access doors are available, if required, to facilitate impeller inspection.



CENTRIFAN® MATERIAL SPECIFICATION

The Centrifan® in-line centrifugal blowers are manufactured to AMCA standard wheel diameters in sizes C1050 throug C4900, as shown below in the material specification chart.

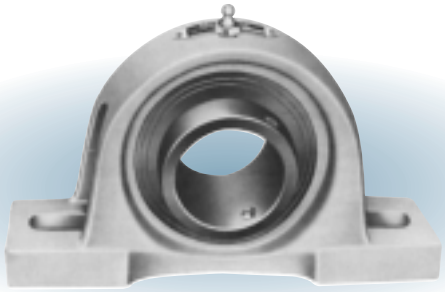
Standard construction for the Centrifan® is: steel housing, bearing support, wheels and shaft. Special materials, such as aluminum, stainless steel or special coatings are also available. Contact the factory for pricing on special items or unusual requirements.

Centrifans® Class I

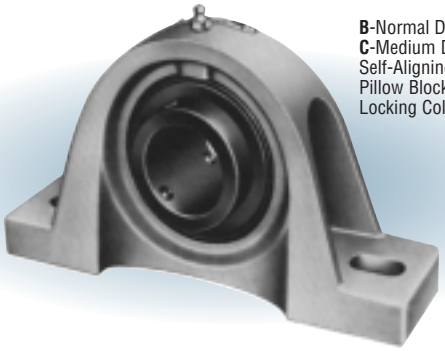
FAN SIZE	HOUSING BAND	BEARING HOUSING	ANGLE FLANGE	SHAFT DIA.	BEARING	
					100,000 HOURS	400,000 HOURS
C1050	12 Ga.	16 Ga.	1 X 12 Ga.	1	A	C
C1220	12 Ga.	16 Ga.	1 X 12 Ga.	1	A	C
C1350	12 Ga.	16 Ga.	1 X 12 Ga.	1	A	C
C1500	12 Ga.	14 Ga.	1 X 12 Ga.	1	A	C
C1650	12 Ga.	14 Ga.	1 X 12 Ga.	1	A	C
C1820	12 Ga.	14 Ga.	1 X 12 Ga.	1 3/16	A	C
C2000	10 Ga.	12 Ga.	1 1/4 X 10 Ga.	1 3/16	A	C
C2220	10 Ga.	12 Ga.	1 1/4 X 10 Ga.	1 3/16	A	C
C2450	10 Ga.	12 Ga.	1 1/4 X 10 Ga.	1 7/16	A	C
C2700	10 Ga.	12 Ga.	1 1/4 X 10 Ga.	1 11/16	A	C
C3000	10 Ga.	12 Ga.	1 1/4 X 10 Ga.	1 11/16	A	C
C3300	12 Ga.	12 Ga.	2 X 2 X 3/16	1 15/16	A	C
C3650	12 Ga.	12 Ga.	2 X 2 X 3/16	2 3/16	B	C
C4020	12 Ga.	12 Ga.	2 1/2 X 2 1/2 X 3/16	2 3/16	C	D
C4450	12 Ga.	12 Ga.	2 1/2 X 2 1/2 X 3/16	2 3/16	C	D
C4900	10 Ga.	10 Ga.	2 1/2 X 2 1/2 X 3/16	2 7/16	C	D

Centrifans® Class II

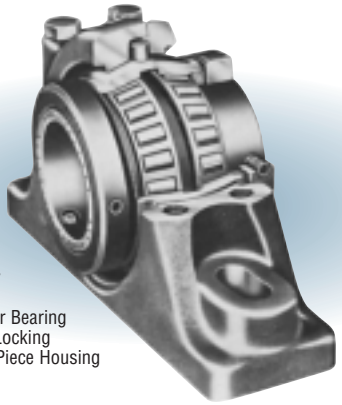
FAN SIZE	HOUSING BAND	BEARING HOUSING	ANGLE FLANGE	SHAFT DIA.	BEARING	
					100,000 HOURS	400,000 HOURS
C1050	12 Ga.	16 Ga.	1 X 12 Ga.	1	A	C
C1220	12 Ga.	16 Ga.	1 X 12 Ga.	1 3/16	A	C
C1350	12 Ga.	16 Ga.	1 X 12 Ga.	1 3/16	A	C
C1500	12 Ga.	14 Ga.	1 X 12 Ga.	1 3/16	A	C
C1650	12 Ga.	14 Ga.	1 X 12 Ga.	1 7/16	A	C
C1820	12 Ga.	14 Ga.	1 X 12 Ga.	1 7/16	A	D
C2000	10 Ga.	12 Ga.	1 1/4 X 10 Ga.	1 7/16	C	D
C2220	10 Ga.	12 Ga.	1 1/4 X 10 Ga.	1 11/16	B	D
C2450	10 Ga.	12 Ga.	1 1/4 X 10 Ga.	1 11/16	B	D
C2700	10 Ga.	12 Ga.	1 1/4 X 10 Ga.	1 15/16	C	D
C3000	10 Ga.	12 Ga.	1 1/4 X 10 Ga.	1 15/16	C	D
C3300	12 Ga.	12 Ga.	2 X 2 X 3/16	2 3/16	C	D
C3650	12 Ga.	12 Ga.	2 X 2 X 3/16	2 3/16	C	D
C4020	12 Ga.	12 Ga.	2 1/2 X 2 1/2 X 3/16	2 7/16	C	D
C4450	12 Ga.	12 Ga.	2 1/2 X 2 1/2 X 3/16	2 11/16	C	D
C4900	10 Ga.	10 Ga.	2 1/2 X 2 1/2 X 3/16	2 15/16	C	D



A-Normal Duty Self-Aligning Ball Bearing Pillow Block with Single Locking Collar



B-Normal Duty
C-Medium Duty
Self-Aligning Ball Bearing Pillow Block with Double Locking Collars



D-Heavy Duty Self-Aligning Tapered Roller Bearing with Double Locking Collars. Two Piece Housing

C1050

TIP SPEED (FPM) = 2.749 x RPM

WHEEL DIAMETER = 10½"

OUTLET { **Diameter = 14⅛"** / **Area = 1.087 Ft.²** }

INLET { **Diameter = 14⅛"** / **Area = 1.087 Ft.²** }

MAX. HP = .0408 $\left(\frac{RPM}{1000}\right)^3$

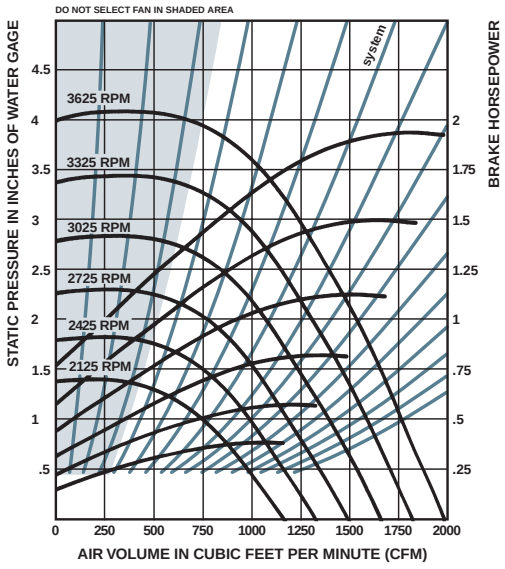
MAX. RPM
CL.1 4166
CL.2 4710

VOL. CFM	OUTLET VEL. FPM	.25 S.P.		.5 S.P.		.75 S.P.		1 S.P.		1.25 S.P.		1.5 S.P.		2 S.P.		2.5 S.P.		3 S.P.		3.5 S.P.	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
435	400	1139	0.06	**1403**	**0.10**	**1637**	**0.15**	**1851**	**0.20**	—	—	—	—	—	—	—	—	—	—	—	—
544	500	1288	0.09	1522	0.14	**1729**	**0.19**	**1922**	**0.25**	**2102**	**0.31**	**2273**	**0.38**	—	—	—	—	—	—	—	—
652	600	1446	0.12	1661	0.18	1848	0.24	**2022**	**0.31**	**2186**	**0.37**	**2343**	**0.45**	**2638**	**0.60**	2912	0.78	—	—	—	—
761	700	1613	0.17	1811	0.24	1984	0.31	2143	0.38	2294	0.45	**2438**	**0.53**	**2711**	**0.69**	**2968**	**0.87**	**3211**	**1.07**	3442	1.28
870	800	1788	0.23	1968	0.31	2130	0.39	2279	0.46	2419	0.54	2553	0.63	**2807**	**0.80**	**3046**	**0.99**	**3275**	**1.19**	**3493**	**1.40**
978	900	1971	0.31	2130	0.39	2284	0.48	2424	0.57	2556	0.65	2681	0.74	2919	0.93	**3144**	**1.13**	**3359**	**1.34**	**3565**	**1.56**
1087	1000	2157	0.41	2298	0.49	2442	0.59	2576	0.69	2701	0.78	2820	0.88	3044	1.08	3256	1.29	**3459**	**1.51**	**3654**	**1.74**
1196	1100	2342	0.52	2473	0.62	2605	0.72	2733	0.82	2852	0.93	2966	1.04	3179	1.25	3380	1.48	3572	1.71	**3757**	**1.95**
1304	1200	2527	0.65	2653	0.76	2773	0.87	2893	0.98	3008	1.10	3117	1.21	3321	1.45	3513	1.68	3696	1.93	3873	2.18
1413	1300	2715	0.81	2838	0.93	2945	1.04	3057	1.16	3167	1.29	3272	1.41	3469	1.66	3653	1.92	3828	2.18	3997	2.44
1522	1400	2911	1.00	3024	1.12	3123	1.24	3226	1.37	3330	1.50	3431	1.63	3621	1.91	3799	2.18	3968	2.45	4129	2.73
1631	1500	3109	1.21	3209	1.34	3305	1.47	3399	1.60	3496	1.74	3593	1.88	3777	2.17	3949	2.46	4112	2.75	4268	3.05
1739	1600	3288	1.43	3394	1.59	3490	1.73	3576	1.86	3666	2.01	3758	2.15	3935	2.46	4102	2.77	4261	3.08	4412	3.40
1848	1700	3473	1.72	3579	1.86	3676	2.02	3758	2.16	3841	2.31	3926	2.46	4096	2.78	4259	3.11	4413	3.44	4560	3.77

VOL. CFM	OUTLET VEL. FPM	4 S.P.		4.5 S.P.		5 S.P.		5.5 S.P.		6 S.P.		6.5 S.P.		7 S.P.		7.5 S.P.		8 S.P.		8.5 S.P.	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
870	800	**3703**	**1.63**	3905	1.87	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
978	900	**3764**	**1.79**	**3956**	**2.03**	**4143**	**2.29**	4324	2.56	4500	2.83	—	—	—	—	—	—	—	—	—	—
1087	1000	**3843**	**1.98**	**4026**	**2.23**	**4204**	**2.49**	**4377**	**2.76**	**4546**	**3.04**	—	—	—	—	—	—	—	—	—	—
1196	1100	**3937**	**2.20**	**4111**	**2.46**	**4281**	**2.72**	**4447**	**3.00**	**4608**	**3.28**	—	—	—	—	—	—	—	—	—	—
1304	1200	**4044**	**2.44**	**4210**	**2.71**	**4372**	**2.99**	**4531**	**3.27**	**4686**	**3.56**	—	—	—	—	—	—	—	—	—	—
1413	1300	4161	2.71	4320	2.99	**4475**	**3.28**	**4627**	**3.58**	—	—	—	—	—	—	—	—	—	—	—	—
1522	1400	4286	3.02	4439	3.31	4588	3.61	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1631	1500	4419	3.35	4566	3.65	4709	3.96	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1739	1600	4558	3.71	4699	4.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1848	1700	4701	4.11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Power rating (BHP) does not include drive losses.
Performance shown is for Centrifans with outlet duct.
Data in **bold** face indicates quietest and most efficient performance.

Class I Blowers
Class II Blowers



C1220

TIP SPEED (FPM) = 3.207 x RPM

WHEEL DIAMETER = 12 1/4"

OUTLET Diameter = 16 9/16" Area = 1.50 Ft.²

INLET Diameter = 16 9/16" Area = 1.50 Ft.²

MAX. HP = .1099 (RPM/1000)³

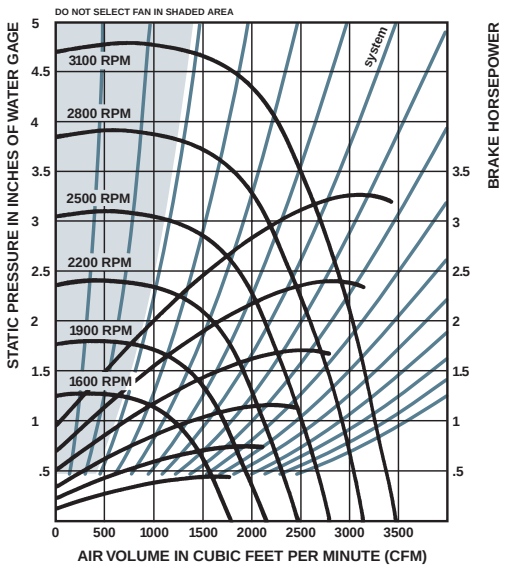
MAX. RPM
CL.1 3273
CL.2 4072

VOL. CFM	OUTLET VEL. FPM	.25 S.P.		.5 S.P.		.75 S.P.		1 S.P.		1.25 S.P.		1.5 S.P.		2 S.P.		2.5 S.P.		3 S.P.		3.5 S.P.	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
600	400	793	0.05	**1036**	**0.10**	1248	0.16	—	—	—	—	—	—	—	—	—	—	—	—	—	—
750	500	875	0.07	**1080**	**0.12**	**1272**	**0.19**	1448	0.26	1609	0.33	—	—	—	—	—	—	—	—	—	—
900	600	975	0.10	1147	0.16	**1316**	**0.22**	**1477**	**0.30**	1629	0.38	1771	0.46	—	—	—	—	—	—	—	—
1050	700	1086	0.14	1231	0.20	1379	0.27	**1524**	**0.34**	**1663**	**0.43**	**1797**	**0.52**	2046	0.72	2274	0.93	—	—	—	—
1200	800	1201	0.19	1329	0.25	1457	0.33	1587	0.41	**1714**	**0.49**	**1837**	**0.59**	**2072**	**0.79**	2292	1.02	2496	1.26	—	—
1350	900	1318	0.25	1435	0.32	1548	0.40	1663	0.48	1778	0.57	**1891**	**0.67**	**2110**	**0.88**	**2319**	**1.11**	2516	1.36	2702	1.63
1500	1000	1439	0.32	1547	0.40	1648	0.49	1751	0.57	1854	0.67	1958	0.77	**2161**	**0.99**	**2357**	**1.23**	**2545**	**1.48**	2724	1.75
1650	1100	1563	0.42	1662	0.50	1755	0.59	1847	0.68	1941	0.78	2035	0.88	2222	1.11	**2406**	**1.35**	**2584**	**1.62**	**2755**	**1.90**
1800	1200	1692	0.53	1778	0.62	1866	0.71	1951	0.81	2036	0.91	2121	1.02	2294	1.25	2465	1.50	**2633**	**1.77**	**2796**	**2.06**
1950	1300	1824	0.66	1897	0.75	1980	0.85	2059	0.95	2137	1.06	2216	1.17	2375	1.41	2534	1.67	2691	1.95	**2846**	**2.24**
2100	1400	1954	0.81	2017	0.90	2096	1.01	2171	1.12	2244	1.23	2316	1.35	2463	1.59	2611	1.86	2758	2.14	2904	2.44
2250	1500	2082	0.97	2141	1.07	2214	1.19	2285	1.31	2354	1.43	2421	1.55	2557	1.80	2695	2.07	2833	2.36	2971	2.67
2400	1600	2211	1.17	2267	1.27	2333	1.39	2401	1.52	2467	1.64	2530	1.77	2657	2.03	2786	2.31	2915	2.61	3044	2.92
2550	1700	2349	1.40	2397	1.49	2453	1.61	2518	1.75	2582	1.88	2642	2.02	2762	2.29	2882	2.58	3003	2.88	3125	3.20
2700	1800	2473	1.63	2528	1.75	2576	1.86	2637	2.00	2698	2.15	2756	2.29	2870	2.58	2982	2.87	3096	3.19	3211	3.51

VOL. CFM	OUTLET VEL. FPM	4 S.P.		4.5 S.P.		5 S.P.		5.5 S.P.		6 S.P.		6.5 S.P.		7 S.P.		7.5 S.P.		8 S.P.		8.5 S.P.	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1500	1000	2896	2.04	3060	2.34	3218	2.65	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1650	1100	2921	2.19	3081	2.50	3234	2.82	3382	3.15	3525	3.49	—	—	—	—	—	—	—	—	—	—
1800	1200	**2955**	**2.36**	**3108**	**2.68**	3257	3.00	3402	3.34	3542	3.69	3678	4.05	3809	4.42	3937	4.80	—	—	—	—
1950	1300	**2997**	**2.55**	**3144**	**2.87**	**3288**	**3.21**	3428	3.56	3564	3.92	3697	4.29	3826	4.67	3952	5.05	—	—	—	—
2100	1400	**3048**	**2.76**	**3189**	**3.09**	**3327**	**3.43**	**3462**	**3.79**	**3594**	**4.16**	3723	4.53	3849	4.92	3972	5.32	—	—	—	—
2250	1500	3107	2.99	**3241**	**3.33**	**3373**	**3.68**	**3503**	**4.04**	**3630**	**4.42**	**3755**	**4.81**	**3878**	**5.20**	3998	5.61	—	—	—	—
2400	1600	3173	3.25	3301	3.60	**3427**	**3.96**	**3552**	**4.33**	**3674**	**4.71**	**3795**	**5.10**	**3913**	**5.50**	**4030**	**5.92**	—	—	—	—
2550	1700	3247	3.54	3368	3.89	3488	4.26	**3607**	**4.63**	**3725**	**5.02**	**3841**	**5.42**	**3955**	**5.83**	**4068**	**6.26**	—	—	—	—
2700	1800	3326	3.86	3441	4.22	3556	4.59	3669	4.97	**3782**	**5.37**	**3894**	**5.77**	**4004**	**6.19**	—	—	—	—	—	—
2850	1900	3411	4.20	3520	4.57	3629	4.95	3738	5.34	3846	5.74	3953	6.15	**4059**	**6.58**	—	—	—	—	—	—
3000	2000	3501	4.58	3605	4.96	3708	5.34	3812	5.74	3915	6.15	4018	6.57	—	—	—	—	—	—	—	—
3300	2200	3694	5.45	3788	5.83	3881	6.23	3976	6.64	4070	7.06	—	—	—	—	—	—	—	—	—	—
3600	2400	3901	6.46	3986	6.86	4071	7.27	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Power rating (BHP) does not include drive losses.
Performance shown is for Centrifans with outlet duct.
Data in **bold** face indicates quietest and most efficient performance.

Class I Blowers
Class II Blowers



C1350

TIP SPEED (FPM) = 3.534 x RPM

WHEEL DIAMETER = 13½"

OUTLET { **Diameter = 18 3/8"** / **Area = 1.84 Ft.²** }

INLET { **Diameter = 18 3/8"** / **Area = 1.84 Ft.²** }

MAX. HP = .1787 $\left(\frac{RPM}{1000}\right)^3$

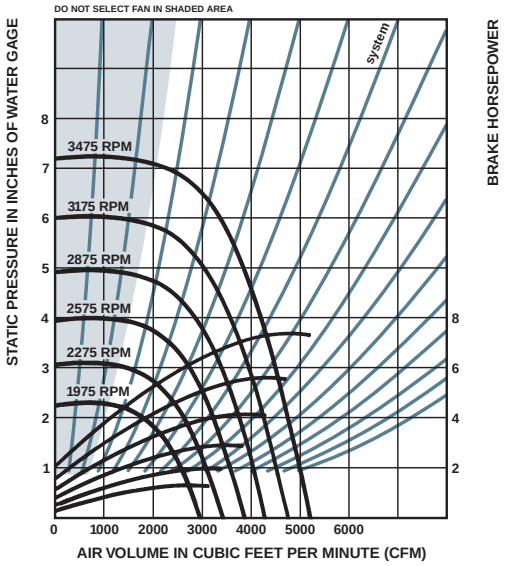
MAX. RPM
CL.1 2871
CL.2 3693

VOL. CFM	OUTLET VEL. FPM	.25 S.P.		.5 S.P.		.75 S.P.		1 S.P.		1.25 S.P.		1.5 S.P.		2 S.P.		2.5 S.P.		3 S.P.		3.5 S.P.	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
736	400	720	0.06	**940**	**0.12**	1132	0.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—
920	500	794	0.09	**980**	**0.15**	**1154**	**0.23**	1314	0.31	1460	0.40	—	—	—	—	—	—	—	—	—	—
1104	600	885	0.12	1041	0.19	**1195**	**0.27**	**1340**	**0.36**	1478	0.46	1607	0.56	—	—	—	—	—	—	—	—
1288	700	985	0.17	1117	0.24	1251	0.33	**1383**	**0.42**	**1509**	**0.52**	**1631**	**0.63**	1857	0.87	2064	1.13	—	—	—	—
1472	800	1090	0.23	1206	0.31	1323	0.40	1440	0.49	**1555**	**0.60**	**1667**	**0.71**	**1880**	**0.96**	2079	1.23	2265	1.53	—	—
1656	900	1196	0.30	1302	0.39	1405	0.48	1509	0.59	1613	0.70	**1716**	**0.81**	**1915**	**1.07**	**2104**	**1.35**	2283	1.65	2452	1.97
1840	1000	1306	0.39	1403	0.49	1495	0.59	1589	0.70	1683	0.81	1776	0.93	**1961**	**1.20**	**2139**	**1.49**	**2309**	**1.80**	2472	2.13
2024	1100	1418	0.50	1508	0.61	1592	0.72	1676	0.83	1761	0.95	1847	1.07	2017	1.35	**2183**	**1.64**	**2344**	**1.96**	**2500**	**2.30**
2208	1200	1535	0.64	1614	0.75	1693	0.86	1770	0.98	1847	1.10	1925	1.23	2082	1.52	2237	1.82	**2389**	**2.15**	**2537**	**2.50**
2392	1300	1655	0.80	1721	0.91	1797	1.03	1868	1.16	1939	1.29	2010	1.42	2155	1.71	2299	2.03	2442	2.36	**2582**	**2.72**
2576	1400	1773	0.98	1831	1.09	1902	1.23	1970	1.36	2036	1.50	2102	1.64	2235	1.93	2369	2.26	2503	2.60	2635	2.97
2760	1500	1889	1.18	1942	1.30	2009	1.44	2074	1.59	2136	1.73	2197	1.88	2320	2.19	2445	2.52	2571	2.87	2696	3.24
2944	1600	2006	1.42	2057	1.54	2117	1.68	2179	1.84	2238	2.00	2296	2.15	2411	2.47	2528	2.81	2645	3.17	2763	3.55
3128	1700	2131	1.70	2175	1.82	2226	1.96	2285	2.12	2343	2.29	2398	2.45	2506	2.78	2615	3.13	2725	3.50	2835	3.89
3312	1800	2244	1.98	2294	2.13	2337	2.26	2393	2.43	2448	2.61	2501	2.78	2604	3.13	2706	3.49	2809	3.87	2914	4.27

VOL. CFM	OUTLET VEL. FPM	4 S.P.		4.5 S.P.		5 S.P.		5.5 S.P.		6 S.P.		6.5 S.P.		7 S.P.		7.5 S.P.		8 S.P.		8.5 S.P.	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1840	1000	2628	2.48	2777	2.84	2920	3.21	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	1100	2651	2.66	2795	3.04	2935	3.42	3069	3.82	3199	4.24	3324	4.66	—	—	—	—	—	—	—	—
2208	1200	**2681**	**2.87**	**2821**	**3.25**	2956	3.65	3087	4.06	3214	4.49	3337	4.92	3457	5.37	3573	5.83	—	—	—	—
2392	1300	**2719**	**3.10**	**2853**	**3.49**	**2984**	**3.90**	3111	4.32	3234	4.76	3355	5.20	3472	5.67	3586	6.14	—	—	—	—
2576	1400	**2766**	**3.35**	**2894**	**3.75**	**3019**	**4.17**	**3141**	**4.60**	**3261**	**5.05**	3378	5.51	3493	5.98	3604	6.46	—	—	—	—
2760	1500	2819	3.64	**2941**	**4.05**	**3061**	**4.47**	**3179**	**4.91**	**3294**	**5.37**	**3408**	**5.84**	**3519**	**6.32**	3628	6.81	—	—	—	—
2944	1600	2880	3.95	2995	4.37	**3110**	**4.80**	**3223**	**5.25**	**3334**	**5.72**	**3443**	**6.19**	**3551**	**6.69**	**3657**	**7.19**	—	—	—	—
3128	1700	2946	4.30	3056	4.73	3165	5.17	**3273**	**5.63**	**3380**	**6.10**	**3485**	**6.59**	**3589**	**7.08**	**3692**	**7.60**	—	—	—	—
3312	1800	3018	4.68	3123	5.12	3226	5.57	3330	6.04	**3432**	**6.52**	**3533**	**7.01**	**3633**	**7.52**	—	—	—	—	—	—
3496	1900	3095	5.11	3194	5.55	3293	6.01	3392	6.48	3490	6.97	3587	7.47	**3683**	**7.99**	—	—	—	—	—	—
3680	2000	3177	5.57	3271	6.02	3365	6.48	3459	6.97	3553	7.46	3646	7.98	—	—	—	—	—	—	—	—
4048	2200	3352	6.62	3437	7.08	3522	7.57	3607	8.07	3693	8.58	—	—	—	—	—	—	—	—	—	—
4416	2400	3540	7.84	3617	8.33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Power rating (BHP) does not include drive losses.
Performance shown is for Centrifans with outlet duct.
Data in **bold** face indicates quietest and most efficient performance.

Class I Blowers
Class II Blowers



C1500

TIP SPEED (FPM) = 3.927 x RPM

WHEEL DIAMETER = 15"

OUTLET Diameter = 20 3/8" Area = 2.26 Ft.²

INLET Diameter = 20 3/8" Area = 2.26 Ft.²

MAX. HP = .2937 (RPM/1000)³

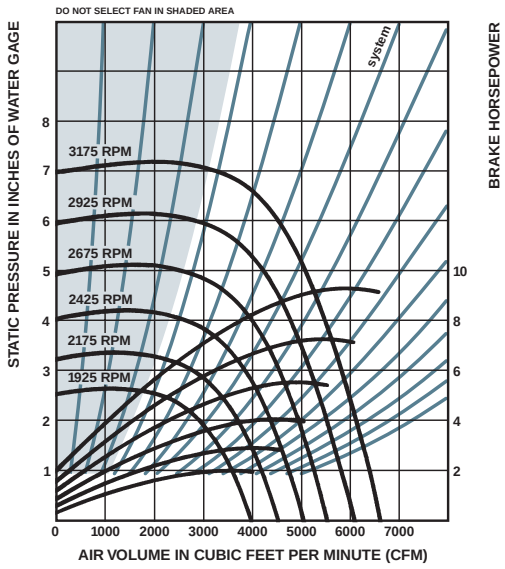
MAX. RPM
CL.1 2458
CL.2 3241
CL.3 3699

VOL. CFM	OUTLET VEL. FPM	.25 S.P.		.5 S.P.		.75 S.P.		1 S.P.		1.25 S.P.		1.5 S.P.		2 S.P.		2.5 S.P.		3 S.P.		3.5 S.P.	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1356	600	778	0.14	921	0.22	**1067**	**0.32**	**1207**	**0.43**	1339	0.55	—	—	—	—	—	—	—	—	—	—
1582	700	865	0.19	985	0.27	**1110**	**0.37**	**1234**	**0.49**	**1355**	**0.62**	1472	0.76			—	—	—	—	—	—
1808	800	958	0.26	1061	0.35	1168	0.45	**1277**	**0.57**	**1386**	**0.70**	**1493**	**0.84**	1698	1.16			—	—	—	—
2034	900	1054	0.34	1144	0.44	1238	0.54	1333	0.66	**1431**	**0.80**	**1528**	**0.95**	**1718**	**1.27**	1900	1.63			—	—
2260	1000	1153	0.45	1233	0.55	1316	0.66	1400	0.78	1487	0.92	**1575**	**1.07**	**1749**	**1.40**	**1919**	1.77	2083	2.17	2240	2.59
2486	1100	1255	0.58	1325	0.68	1400	0.80	1476	0.93	1553	1.07	1632	1.22	**1791**	**1.55**	**1949**	**1.93**	**2103**	**2.33**	2253	2.77
2712	1200	1358	0.73	1420	0.84	1488	0.96	1557	1.10	1627	1.24	1698	1.39	1843	1.73	**1989**	**2.11**	**2133**	**2.52**	**2275**	**2.96**
2938	1300	1459	0.90	1517	1.02	1579	1.15	1642	1.29	1706	1.44	1771	1.60	1903	1.94	**2037**	**2.32**	**2172**	**2.74**	**2305**	**3.19**
3164	1400	1560	1.10	1617	1.23	1672	1.37	1731	1.52	1790	1.67	1849	1.83	1970	2.18	2094	2.57	**2219**	**2.99**	**2344**	**3.44**
3390	1500	1660	1.32	1718	1.48	1768	1.62	1822	1.77	1877	1.93	1932	2.10	2044	2.45	2158	2.84	2274	3.27	**2391**	**3.73**
3616	1600	1763	1.58	1821	1.76	1866	1.90	1915	2.06	1966	2.22	2018	2.40	2122	2.76	2228	3.16	2336	3.59	2445	4.05
3842	1700	1869	1.89	1923	2.07	1965	2.22	2011	2.38	2058	2.55	2107	2.73	2204	3.11	2303	3.51	2403	3.95	2505	4.41
4068	1800	1976	2.23	2025	2.41	2067	2.57	2108	2.74	2152	2.92	2197	3.10	2289	3.49	2381	3.91	2475	4.35	2571	4.82
4294	1900	2081	2.60	2126	2.79	2169	2.97	2207	3.14	2247	3.32	2290	3.51	2376	3.92	2463	4.34	2552	4.79	2641	5.27
4520	2000	2184	3.00	2226	3.20	2271	3.41	2307	3.58	2344	3.77	2384	3.96	2466	4.38	2548	4.82	2631	5.28	2716	5.76
4972	2200	2408	4.02	2429	4.14	2475	4.41	2510	4.61	2543	4.80	2577	5.00	2650	5.44	2724	5.91	2799	6.39	2875	6.89

VOL. CFM	OUTLET VEL. FPM	4 S.P.		4.5 S.P.		5 S.P.		5.5 S.P.		6 S.P.		6.5 S.P.		7 S.P.		7.5 S.P.		8 S.P.		8.5 S.P.	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2712	1200	**2413**	**3.43**	2548	3.92	2677	4.43	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2938	1300	**2437**	**3.66**	**2565**	**4.16**	2691	4.68	2813	5.22	2931	5.77	—	—	—	—	—	—	—	—	—	—
3164	1400	**2468**	**3.92**	**2591**	**4.43**	**2711**	**4.96**	**2829**	**5.51**	2944	6.08	3056	6.67	3166	7.26	—	—	—	—	—	—
3390	1500	**2508**	**4.21**	**2623**	**4.73**	**2738**	**5.26**	**2851**	**5.83**	**2962**	**6.41**	3071	7.00	3178	7.62	3282	8.25	3385	8.89	—	—
3616	1600	**2554**	**4.54**	**2664**	**5.06**	**2772**	**5.60**	**2880**	**6.17**	**2987**	**6.76**	**3092**	**7.37**	**3195**	**7.99**	3297	8.64	3397	9.29	3495	9.96
3842	1700	2608	4.91	**2711**	**5.43**	**2814**	**5.98**	**2916**	**6.55**	**3018**	**7.14**	**3119**	**7.76**	**3218**	**8.40**	**3317**	**9.05**	**3414**	**9.72**	3509	10.40
4068	1800	2667	5.32	2764	5.84	**2861**	**6.39**	**2959**	**6.97**	**3056**	**7.57**	**3152**	**8.19**	**3247**	**8.84**	**3342**	**9.50**	**3436**	**10.18**	3529	10.87
4294	1900	2732	5.77	2823	6.30	2915	6.86	**3007**	**7.44**	**3099**	**8.04**	**3191**	**8.67**	**3283**	**9.31**	**3374**	**9.98**	**3464**	**10.67**	**3553**	**11.37**
4520	2000	2801	6.27	2887	6.80	2974	7.36	3061	7.95	**3149**	**8.56**	**3237**	**9.19**	**3324**	**9.84**	**3411**	**10.51**	**3498**	**11.20**	**3584**	**11.91**
4972	2200	2951	7.41	3028	7.96	3106	8.53	3185	9.12	3264	9.74	3343	10.38	**3423**	**11.04**	**3502**	**11.72**	**3582**	**12.42**	**3661**	**13.14**
5424	2400	3113	8.76	3183	9.33	3253	9.91	3324	10.51	3395	11.14	3467	11.78	3540	12.45	3613	13.14	3685	13.85	—	—
5876	2600	3284	10.33	3348	10.91	3412	11.51	3476	12.13	3541	12.77	3607	13.42	3673	14.10	—	—	—	—	—	—
6328	2800	3462	12.12	3520	12.73	3579	13.35	3639	13.99	3698	14.64	—	—	—	—	—	—	—	—	—	—

Power rating (BHP) does not include drive losses.
Performance shown is for Centrifans with outlet duct.
Data in **bold** face indicates quietest and most efficient performance.

Class I Blowers
Class II Blowers
Class III Blowers



C1650

TIP SPEED (FPM) = 4.320 x RPM

WHEEL DIAMETER = 16½"

OUTLET { Diameter = 22 3/8" / Area = 2.73 Ft.²

INLET { Diameter = 22 3/8" / Area = 2.73 Ft.²

MAX. HP = .4730 $\left(\frac{RPM}{1000}\right)^3$

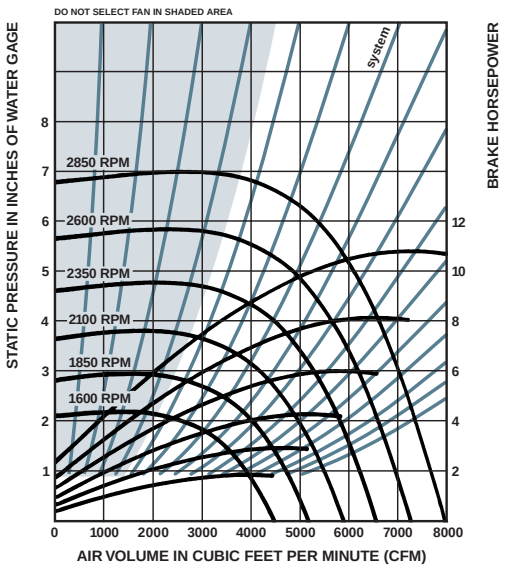
MAX. RPM
CL.1 2402
CL.2 3165
CL.3 3473

VOL. CFM	OUTLET VEL. FPM	.25 S.P.		.5 S.P.		.75 S.P.		1 S.P.		1.25 S.P.		1.5 S.P.		2 S.P.		2.5 S.P.		3 S.P.		3.5 S.P.	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1638	600	708	0.17	838	0.26	**970**	**0.38**	**1097**	**0.52**	1217	0.67	—	—	—	—	—	—	—	—	—	—
1911	700	787	0.23	896	0.33	**1009**	**0.45**	**1122**	**0.59**	**1232**	**0.75**	1338	0.92	—	—	—	—	—	—	—	—
2184	800	871	0.31	964	0.42	1062	0.54	**1161**	**0.69**	**1260**	**0.85**	**1358**	**1.02**	1544	1.41	—	—	—	—	—	—
2457	900	958	0.41	1040	0.53	1125	0.66	1212	0.80	**1301**	**0.97**	**1389**	**1.15**	**1562**	**1.54**	1727	1.97	—	—	—	—
2730	1000	1049	0.54	1121	0.66	1196	0.80	1273	0.95	1352	1.11	**1431**	**1.29**	**1590**	**1.69**	**1745**	**2.14**	1894	2.62	2036	3.13
3003	1100	1141	0.70	1204	0.82	1272	0.97	1341	1.12	1412	1.29	1483	1.47	**1628**	**1.88**	**1772**	**2.33**	**1912**	**2.82**	2048	3.35
3276	1200	1234	0.88	1291	1.01	1352	1.16	1415	1.33	1479	1.50	1543	1.68	1675	2.09	**1808**	**2.55**	**1939**	**3.05**	**2068**	**3.59**
3549	1300	1327	1.09	1379	1.23	1435	1.39	1493	1.56	1551	1.74	1610	1.93	1730	2.35	**1852**	**2.81**	**1975**	**3.31**	**2096**	**3.86**
3822	1400	1418	1.33	1470	1.49	1520	1.66	1573	1.83	1627	2.02	1681	2.21	1791	2.64	1904	3.10	**2018**	**3.61**	**2131**	**4.16**
4095	1500	1509	1.60	1562	1.79	1607	1.96	1656	2.14	1706	2.34	1756	2.54	1858	2.97	1962	3.44	2067	3.96	**2174**	**4.51**
4368	1600	1603	1.92	1655	2.13	1696	2.30	1741	2.49	1788	2.69	1834	2.90	1929	3.34	2025	3.82	2123	4.34	2223	4.90
4641	1700	1699	2.28	1748	2.50	1787	2.68	1828	2.88	1871	3.09	1915	3.31	2003	3.76	2093	4.25	2185	4.78	2277	5.34
4914	1800	1796	2.69	1841	2.92	1879	3.12	1916	3.31	1956	3.53	1998	3.75	2081	4.23	2165	4.73	2250	5.26	2337	5.83
5187	1900	1892	3.14	1932	3.37	1972	3.60	2006	3.80	2043	4.02	2082	4.25	2160	4.74	2239	5.25	2320	5.80	2401	6.37
5460	2000	1985	3.63	2023	3.87	2065	4.13	2097	4.33	2131	4.56	2167	4.80	2242	5.30	2317	5.83	2392	6.39	2469	6.97
6006	2200	2189	4.87	2208	5.01	2250	5.33	2282	5.58	2312	5.81	2343	6.05	2409	6.59	2477	7.15	2545	7.73	2613	8.34

VOL. CFM	OUTLET VEL. FPM	4 S.P.		4.5 S.P.		5 S.P.		5.5 S.P.		6 S.P.		6.5 S.P.		7 S.P.		7.5 S.P.		8 S.P.		8.5 S.P.	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
3276	1200	**2194**	**4.15**	2316	4.74	2434	5.36	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3549	1300	**2215**	**4.43**	**2332**	**5.04**	2446	5.67	2557	6.32	2665	6.99	—	—	—	—	—	—	—	—	—	—
3822	1400	**2244**	**4.75**	**2355**	**5.36**	**2464**	**6.00**	**2571**	**6.67**	2676	7.35	2778	8.07	2878	8.79	—	—	—	—	—	—
4095	1500	**2280**	**5.10**	**2385**	**5.72**	**2489**	**6.37**	**2592**	**7.05**	**2693**	**7.75**	2792	8.48	2889	9.22	2984	9.98	3077	10.75	—	—
4368	1600	**2322**	**5.49**	**2421**	**6.12**	**2520**	**6.78**	**2618**	**7.47**	**2715**	**8.18**	**2811**	**8.91**	**2905**	**9.67**	2997	10.45	3088	11.24	3177	12.06
4641	1700	2371	5.94	**2464**	**6.57**	**2558**	**7.23**	**2651**	**7.93**	**2743**	**8.65**	**2835**	**9.39**	**2926**	**10.16**	**3015**	**10.95**	**3103**	**11.76**	3190	12.59
4914	1800	2425	6.43	2513	7.07	**2601**	**7.74**	**2690**	**8.43**	**2778**	**9.16**	**2865**	**9.91**	**2952**	**10.69**	**3038**	**11.49**	**3124**	**12.31**	**3208**	**13.15**
5187	1900	2483	6.98	2566	7.62	2650	8.29	**2734**	**9.00**	**2818**	**9.73**	**2901**	**10.49**	**2984**	**11.27**	**3067**	**12.08**	**3149**	**12.91**	**3230**	**13.76**
5460	2000	2546	7.59	2625	8.23	2704	8.91	2783	9.62	**2863**	**10.35**	**2942**	**11.12**	**3022**	**11.90**	**3101**	**12.72**	**3180**	**13.56**	**3258**	**14.42**
6006	2200	2683	8.97	2753	9.63	2824	10.32	2895	11.04	2967	11.78	3039	12.55	**3111**	**13.35**	**3184**	**14.18**	**3256**	**15.03**	**3328**	**15.90**
6552	2400	2830	10.60	2893	11.28	2957	11.99	3022	12.72	3087	13.47	3152	14.26	3218	15.07	3284	15.90	3350	16.76	**3417**	**17.64**
7098	2600	2986	12.50	3043	13.20	3102	13.93	3160	14.68	3219	15.45	3279	16.24	3339	17.06	3399	17.91	3460	18.77	—	—
7644	2800	3147	14.67	3200	15.40	3254	16.15	3308	16.93	3362	17.72	3417	18.53	3472	19.36	—	—	—	—	—	—

Power rating (BHP) does not include drive losses.
Performance shown is for Centrifans with outlet duct.
Data in **bold** face indicates quietest and most efficient performance.

Class I Blowers
Class II Blowers
Class III Blowers



C1820

TIP SPEED (FPM) = 4.778 x RPM

WHEEL DIAMETER = 18 1/4"

OUTLET Diameter = 24 11/16" Area = 3.32 Ft.²

INLET Diameter = 24 11/16" Area = 3.32 Ft.²

MAX. HP = .7279 (RPM/1000)³

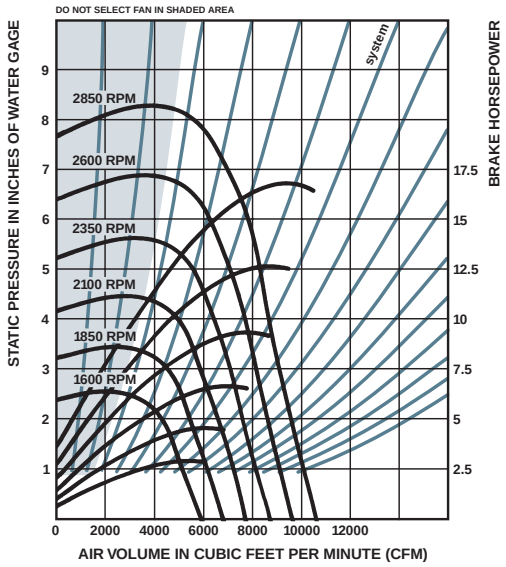
MAX. RPM
CL.1 2069
CL.2 2741
CL.3 3221

VOL. CFM	OUTLET VEL. FPM	.25 S.P.		.5 S.P.		.75 S.P.		1 S.P.		1.25 S.P.		1.5 S.P.		2 S.P.		2.5 S.P.		3 S.P.		3.5 S.P.	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1992	600	670	0.22	778	0.32	**894**	**0.46**	**1009**	**0.62**	1121	0.80	—	—	—	—	—	—	—	—	—	—
2324	700	748	0.30	839	0.42	**935**	**0.55**	**1034**	**0.71**	**1134**	**0.90**	1231	1.10	—	—	—	—	—	—	—	—
2656	800	828	0.41	910	0.54	991	0.68	1075	0.84	**1162**	**1.02**	**1250**	**1.22**	1421	1.67	—	—	—	—	—	—
2988	900	909	0.54	987	0.69	1057	0.84	1130	1.00	1205	1.18	**1282**	**1.38**	**1437**	**1.84**	1589	2.35	1734	2.91	—	—
3320	100	992	0.70	1066	0.87	1130	1.03	1194	1.20	1259	1.38	1327	1.58	**1466**	**2.04**	**1605**	**2.56**	1742	3.12	1875	3.73
3652	1100	1076	0.90	1145	1.09	1207	1.26	1264	1.44	1322	1.63	1382	1.83	1506	2.29	**1633**	**2.80**	**1760**	**3.37**	1885	3.99
3984	1200	1162	1.13	1226	1.33	1285	1.53	1339	1.72	1392	1.91	1445	2.12	1556	2.58	**1671**	**3.10**	**1787**	**3.67**	**1903**	**4.29**
4316	1300	1248	1.40	1307	1.62	1365	1.84	1417	2.05	1466	2.25	1514	2.46	1614	2.92	1718	3.44	**1824**	**4.01**	**1932**	**4.64**
4648	1400	1336	1.72	1390	1.94	1445	2.18	1496	2.41	1542	2.63	1587	2.86	1678	3.33	1773	3.85	1870	4.42	**1969**	**5.04**
4980	1500	1425	2.08	1474	2.32	1526	2.57	1575	2.82	1621	3.07	1664	3.30	1748	3.79	1834	4.31	1923	4.88	2014	5.51
5312	1600	1515	2.50	1560	2.74	1608	3.01	1655	3.82	1700	3.54	1741	3.80	1821	4.31	1900	4.84	1982	5.42	2065	6.04
5644	1700	1603	2.96	1645	3.21	1691	3.49	1736	3.79	1780	4.07	1820	4.35	1896	4.88	1970	5.43	2046	6.02	2123	6.64
5976	1800	1687	3.45	1732	3.74	1774	4.04	1817	4.34	1860	4.65	1900	4.95	1974	5.52	2044	6.09	2114	6.69	2186	7.32
6308	1900	1772	3.99	1819	4.34	1859	4.64	1900	4.96	1940	5.29	1980	5.61	2052	6.22	2120	6.82	2186	7.43	2253	8.07
6640	2000	1876	4.75	1907	4.99	1945	5.31	1983	5.64	2022	5.98	2060	6.32	2131	6.98	2197	7.62	2260	8.25	2323	8.90
7304	2200	2045	6.17	2087	6.54	2117	6.84	2152	7.20	2187	7.57	2222	7.94	2291	8.69	2354	9.41	2414	10.10	2471	10.80

VOL. CFM	OUTLET VEL. FPM	4 S.P.		4.5 S.P.		5 S.P.		5.5 S.P.		6 S.P.		6.5 S.P.		7 S.P.		7.5 S.P.		8 S.P.		8.5 S.P.	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
3984	1200	**2018**	**4.95**	2131	5.65	2241	6.38	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4316	1300	**2039**	**5.30**	**2146**	**6.01**	2250	6.75	2353	7.53	2454	8.33	—	—	—	—	—	—	—	—	—	—
4648	1400	**2068**	**5.71**	**2168**	**6.42**	**2267**	**7.17**	**2366**	**7.95**	2462	8.77	2557	9.61	2651	10.48	—	—	—	—	—	—
4980	1500	**2106**	**6.18**	**2199**	**6.89**	**2292**	**7.64**	**2385**	**8.43**	**2477**	**9.25**	2568	10.10	2658	10.98	2747	11.89	2834	12.82	—	—
5312	1600	2151	6.71	**2237**	**7.42**	**2325**	**8.17**	**2412**	**8.96**	**2499**	**9.79**	**2586**	**10.65**	**2672**	**11.54**	2757	12.46	2841	13.40	2924	14.37
5644	1700	2202	7.31	2283	8.02	**2364**	**8.78**	**2446**	**9.57**	**2528**	**10.40**	**2611**	**11.26**	**2693**	**12.15**	**2774**	**13.08**	**2855**	**14.03**	2935	15.01
5976	1800	2259	7.99	2334	8.70	2410	9.45	2487	10.25	**2564**	**11.07**	**2642**	**11.94**	**2720**	**12.83**	**2797**	**13.76**	**2874**	**14.72**	**2951**	**15.70**
6308	1900	2321	8.75	2391	9.46	2462	10.21	2534	11.00	2606	11.83	**2680**	**12.70**	**2753**	**13.59**	**2827**	**14.52**	**2900**	**15.48**	**2974**	**16.47**
6640	2000	2387	9.58	2452	10.30	2519	11.05	2586	11.85	2654	12.67	2723	13.54	**2793**	**14.43**	**2862**	**15.36**	**2932**	**16.33**	**3002**	**17.32**
7304	2200	2528	11.50	2586	12.24	2645	13.00	2704	13.80	2764	14.63	2825	15.49	2887	16.39	2950	17.32	3012	18.28	**3076**	**19.27**
7968	2400	2678	13.76	2731	14.53	2784	15.31	2837	16.13	2890	16.96	2945	17.83	3000	18.73	3056	19.67	3112	20.63	3169	21.62
8632	2600	2834	16.36	2883	17.18	2931	18.00	2980	18.84	3028	19.70	3078	20.58	3127	21.49	3177	22.43	—	—	—	—
9296	2800	2991	19.31	3039	20.19	3085	21.07	3130	21.96	3175	22.85	3220	23.75	—	—	—	—	—	—	—	—

Power rating (BHP) does not include drive losses.
Performance shown is for Centrifans with outlet duct.
Data in **bold** face indicates quietest and most efficient performance.

Class I Blowers
Class II Blowers
Class III Blowers



C2000

TIP SPEED (FPM) = 5.236 x RPM

WHEEL DIAMETER = 20"

OUTLET { Diameter = 27 5/16" / Area = 4.07 Ft.²

INLET { Diameter = 27 5/16" / Area = 4.07 Ft.²

MAX. HP = 1.1533 $\left(\frac{RPM}{1000}\right)^3$

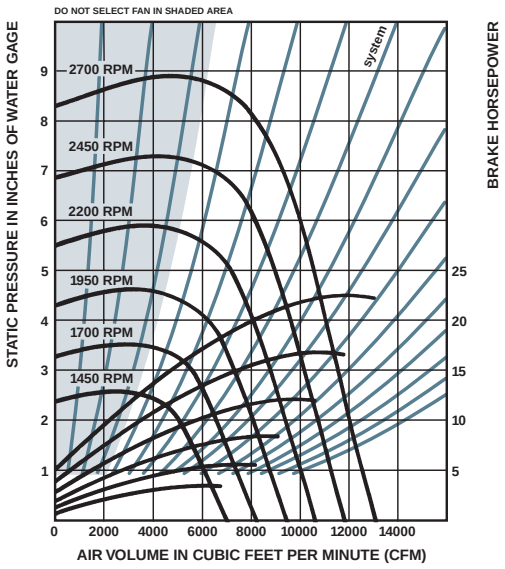
MAX. RPM
CL.1 2054
CL.2 2507
CL.3 2774

VOL. CFM	OUTLET VEL. FPM	.25 S.P.		.5 S.P.		.75 S.P.		1 S.P.		1.25 S.P.		1.5 S.P.		2 S.P.		2.5 S.P.		3 S.P.		3.5 S.P.	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2442	600	611	0.26	710	0.39	**815**	**0.55**	**921**	**0.74**	1022	0.96	—	—	—	—	—	—	—	—	—	—
2849	700	682	0.36	766	0.50	**853**	**0.66**	**944**	**0.86**	**1035**	**1.08**	1123	1.32	—	—	—	—	—	—	—	—
3256	800	755	0.49	831	0.65	904	0.81	981	1.01	**1061**	**1.23**	**1140**	**1.47**	1296	2.01	—	—	—	—	—	—
3663	900	829	0.65	900	0.83	965	1.00	1031	1.20	1100	1.42	1170	**1.66**	**1311**	**2.21**	1450	2.82	1583	3.49	—	—
4070	1000	905	0.85	972	1.05	1031	1.24	1089	1.44	1149	1.66	1211	1.90	**1338**	**2.45**	**1465**	**3.07**	1590	3.75	1711	4.48
4477	1100	982	1.08	1045	1.30	1101	1.52	1154	1.73	1207	1.95	1261	2.20	1374	2.74	**1490**	**3.37**	**1606**	**4.05**	1720	4.79
4884	1200	1060	1.36	1119	1.60	1173	1.84	1222	2.07	1270	2.30	1319	2.55	1420	3.10	**1525**	**3.72**	**1631**	**4.41**	**1737**	**5.15**
5291	1300	1139	1.68	1193	1.94	1246	2.21	1293	2.46	1337	2.70	1382	2.96	1473	3.51	1568	4.13	**1665**	**4.82**	**1763**	**5.57**
5698	1400	1219	2.06	1269	2.33	1319	2.62	1365	2.90	1407	3.16	1449	3.43	1532	3.99	1617	4.62	1706	5.31	**1796**	**6.05**
6105	1500	1301	2.50	1345	2.78	1392	3.09	1437	3.39	1479	3.68	1518	3.96	1595	4.55	1673	5.18	1754	5.87	1837	6.61
6512	1600	1383	3.01	1423	3.29	1467	3.61	1511	3.94	1551	4.26	1589	4.56	1661	5.17	1734	5.81	1808	6.50	1885	7.25
6919	1700	1463	3.56	1501	3.86	1543	4.20	1584	4.55	1624	4.89	1661	5.22	1730	5.87	1798	6.52	1867	7.23	1937	7.98
7326	1800	1539	4.14	1580	4.50	1619	4.85	1658	5.22	1697	5.59	1733	5.95	1801	6.63	1865	7.32	1929	8.03	1995	8.79
7733	1900	1617	4.80	1660	5.21	1697	5.58	1734	5.96	1771	6.35	1806	6.74	1872	7.47	1934	8.19	1995	8.92	2056	9.69
8140	2000	1712	5.70	1740	6.00	1775	6.38	1809	6.77	1845	7.18	1880	7.60	1945	8.39	2005	9.15	2062	9.91	2120	10.69
8954	2200	1892	7.65	1904	7.85	1932	8.22	1964	8.65	1996	9.09	2028	9.54	2090	10.44	2148	11.30	2202	12.13	2255	12.97

VOL. CFM	OUTLET VEL. FPM	4 S.P.		4.5 S.P.		5 S.P.		5.5 S.P.		6 S.P.		6.5 S.P.		7 S.P.		7.5 S.P.		8 S.P.		8.5 S.P.	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
4884	1200	**1842**	**5.95**	1945	6.79	2045	7.67	2142	8.58	—	—	—	—	—	—	—	—	—	—	—	—
5291	1300	**1861**	**6.37**	**1958**	**7.22**	2054	8.11	2147	9.04	2239	10.01	2329	11.00	—	—	—	—	—	—	—	—
5698	1400	**1887**	**6.86**	**1979**	**7.71**	**2069**	**8.61**	**2159**	**9.55**	2247	10.53	2334	11.54	2419	12.59	2502	13.65	—	—	—	—
6105	1500	**1922**	**7.42**	**2007**	**8.27**	**2092**	**9.17**	**2176**	**10.12**	**2260**	**11.11**	2344	12.13	2426	13.19	2506	14.28	2586	15.40	2664	16.54
6512	1600	1963	8.06	**2042**	**8.91**	**2121**	**9.82**	**2201**	**10.76**	**2281**	**11.76**	**2360**	**12.79**	**2438**	**13.86**	2516	14.96	2593	16.09	2668	17.25
6919	1700	2010	8.78	2083	9.64	**2157**	**10.54**	**2232**	**11.49**	**2307**	**12.48**	**2382**	**13.52**	**2457**	**14.59**	**2531**	**15.70**	**2605**	**16.85**	2678	18.02
7326	1800	2062	9.60	2130	10.45	2199	11.35	2269	12.30	**2340**	**13.30**	**2411**	**14.34**	**2482**	**15.41**	**2552**	**16.53**	**2623**	**17.68**	**2693**	**18.86**
7733	1900	2118	10.50	2182	11.36	2246	12.27	2312	13.22	2378	14.21	**2445**	**15.25**	**2512**	**16.32**	**2579**	**17.44**	**2646**	**18.59**	**2713**	**19.78**
8140	2000	2178	11.51	2238	12.37	2298	13.28	2360	14.23	2422	15.22	2485	16.26	**2548**	**17.34**	**2612**	**18.45**	**2676**	**19.61**	**2739**	**20.80**
8954	2200	2307	13.82	2360	14.70	2413	15.62	2467	16.57	2522	17.57	2578	18.61	2635	19.68	2692	20.80	2749	21.96	—	—
9768	2400	2444	16.53	2492	17.45	2540	18.39	2588	19.37	2638	20.37	2687	21.42	2738	22.50	—	—	—	—	—	—
10582	2600	2586	19.65	2631	20.63	2675	21.62	2719	22.63	2763	23.66	—	—	—	—	—	—	—	—	—	—
11396	2800	2730	23.19	2773	24.25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Power rating (BHP) does not include drive losses.
Performance shown is for Centrifans with outlet duct.
Data in **bold** face indicates quietest and most efficient performance.

Class I Blowers
Class II Blowers
Class III Blowers



C2220

TIP SPEED (FPM) = 5.825 x RPM

WHEEL DIAMETER = 22 1/4"

OUTLET Diameter = 30 5/16" Area = 5.01 Ft.²

INLET Diameter = 30 5/16" Area = 5.01 Ft.²

MAX. HP = 2.0136 (RPM/1000)³

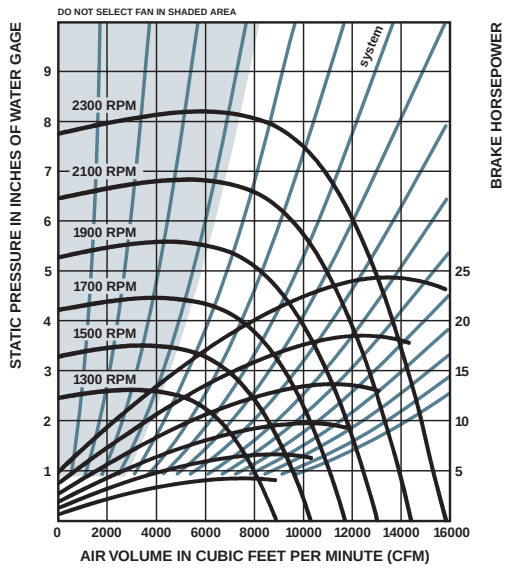
MAX. RPM
CL.1 1706
CL.2 2315
CL.3 2459

VOL. CFM	OUTLET VEL. FPM	.25 S.P.		.5 S.P.		.75 S.P.		1 S.P.		1.25 S.P.		1.5 S.P.		2 S.P.		2.5 S.P.		3 S.P.		3.5 S.P.	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
3006	600	526	0.29	622	0.46	**720**	**0.68**	**813**	**0.91**	902	1.17	—	—	—	—	—	—	—	—	—	—
3507	700	585	0.40	665	0.58	**749**	**0.80**	**833**	**1.05**	**914**	**1.32**	992	1.62	—	—	—	—	—	—	—	—
4008	800	649	0.54	716	0.73	789	0.96	**862**	**1.22**	**935**	**1.50**	**1007**	**1.81**	1144	2.47	—	—	—	—	—	—
4509	900	714	0.72	773	0.92	836	1.16	900	1.42	**966**	**1.72**	**1031**	**2.03**	**1158**	**2.72**	1280	3.47	—	—	—	—
5010	1000	782	0.94	834	1.16	888	1.40	946	1.67	1004	1.97	**1063**	**2.30**	**1180**	**3.01**	**1294**	**3.78**	1404	4.61	—	—
5511	1100	850	1.21	897	1.44	946	1.69	996	1.97	1049	2.28	1102	2.61	**1209**	**3.34**	**1315**	**4.13**	**1418**	**4.99**	**1518**	**5.89**
6012	1200	919	1.52	962	1.77	1006	2.03	1051	2.32	1098	2.64	1146	2.97	1244	3.72	**1342**	**4.53**	**1439**	**5.41**	**1534**	**6.34**
6513	1300	989	1.89	1029	2.15	1069	2.43	1110	2.73	1152	3.05	1196	3.40	1285	4.15	1376	4.99	**1466**	**5.88**	**1555**	**6.84**
7014	1400	1058	2.32	1096	2.60	1133	2.89	1171	3.20	1209	3.53	1249	3.88	1330	4.66	1414	5.50	**1498**	**6.42**	**1582**	**7.39**
7515	1500	1128	2.80	1164	3.10	1199	3.42	1234	3.74	1269	4.08	1305	4.44	1380	5.22	1457	6.09	1535	7.02	**1614**	**8.01**
8016	1600	1197	3.34	1232	3.68	1265	4.01	1298	4.35	1331	4.70	1364	5.07	1433	5.87	1504	6.74	1577	7.69	1651	8.70
8517	1700	1267	3.95	1302	4.33	1332	4.67	1363	5.03	1394	5.39	1425	5.78	1489	6.59	1555	7.48	1622	8.44	1691	9.49
9018	1800	1336	4.63	1371	5.05	1400	5.41	1429	5.78	1458	6.17	1487	5.65	1547	7.39	1608	8.30	1671	9.27	1736	10.30
9519	1900	1407	5.39	1441	5.86	1468	6.23	1496	6.62	1523	7.02	1551	7.43	1607	8.28	1664	9.20	1723	10.19	1783	11.24
10020	2000	1478	6.25	1511	6.74	1537	7.14	1563	7.54	1589	7.96	1616	8.38	1668	9.27	1722	10.20	1777	11.20	1833	12.26
11022	2200	1621	8.23	1650	8.75	1676	9.23	1700	9.66	1723	10.11	1747	10.57	1795	11.51	1843	12.49	1892	13.52	1942	14.61

VOL. CFM	OUTLET VEL. FPM	4 S.P.		4.5 S.P.		5 S.P.		5.5 S.P.		6 S.P.		6.5 S.P.		7 S.P.		7.5 S.P.		8 S.P.		8.5 S.P.	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
6012	1200	**1626**	**7.32**	1716	8.34	1804	9.40	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6513	1300	**1643**	**7.84**	**1729**	**8.88**	1813	9.97	1895	11.10	—	—	—	—	—	—	—	—	—	—	—	—
7014	1400	**1665**	**8.41**	**1747**	**9.48**	**1827**	**10.59**	**1906**	**11.75**	1983	12.93	2059	14.16	—	—	—	—	—	—	—	—
7515	1500	**1692**	**9.05**	**1770**	**10.14**	**1847**	**11.28**	**1922**	**12.45**	**1996**	**13.67**	**2069**	**14.92**	2141	16.20	2212	17.51	—	—	—	—
8016	1600	**1724**	**9.76**	**1798**	**10.87**	**1871**	**12.03**	**1943**	**13.22**	**2014**	**14.46**	**2084**	**15.74**	**2153**	**17.04**	2221	18.39	2289	19.76	2355	21.16
8517	1700	1761	10.54	**1830**	**11.67**	**1899**	**12.84**	**1968**	**14.06**	**2036**	**15.32**	**2103**	**16.62**	**2170**	**17.95**	**2236**	**19.32**	**2300**	**20.72**	2365	22.15
9018	1800	1801	11.40	1866	12.55	**1932**	**13.74**	**1997**	**14.98**	**2062**	**16.26**	**2126**	**17.58**	**2190**	**18.94**	**2254**	**20.33**	**2316**	**21.75**	**2378**	**23.20**
9519	1900	1844	12.34	1906	13.51	1968	14.72	**2030**	**15.98**	**2092**	**17.28**	**2154**	**18.62**	**2215**	**20.00**	**2276**	**21.41**	**2336**	**22.85**	**2396**	**24.33**
10020	2000	1891	13.38	1949	14.56	2008	15.79	2067	17.06	2126	18.38	**2185**	**19.74**	**2244**	**21.14**	**2302**	**22.57**	**2360**	**24.04**	**2418**	**25.54**
11022	2200	1993	15.76	2044	16.96	2097	18.22	2150	19.53	2203	20.88	2257	22.27	2311	23.71	**2364**	**25.18**	**2418**	**26.69**	—	—
12024	2400	2103	18.57	2149	19.80	2196	21.08	2244	22.42	2292	23.79	2341	25.22	2390	26.69	2439	28.19	—	—	—	—
13026	2600	2220	21.85	2262	23.11	2304	24.42	2347	25.78	2391	27.18	2435	28.63	—	—	—	—	—	—	—	—
14028	2800	2342	25.63	2380	26.92	2418	28.26	2458	29.65	—	—	—	—	—	—	—	—	—	—	—	—

Power rating (BHP) does not include drive losses.
Performance shown is for Centrifans with outlet duct.
Data in **bold** face indicates quietest and most efficient performance.

Class I Blowers
Class II Blowers
Class III Blowers



C2450

TIP SPEED (FPM) = 6.414 x RPM

WHEEL DIAMETER = 24½"

OUTLET { Diameter = 33¼" / Area = 6.03 Ft.²

INLET { Diameter = 33¼" / Area = 6.03 Ft.²

MAX. HP = 3.2502 $\left(\frac{RPM}{1000}\right)^3$

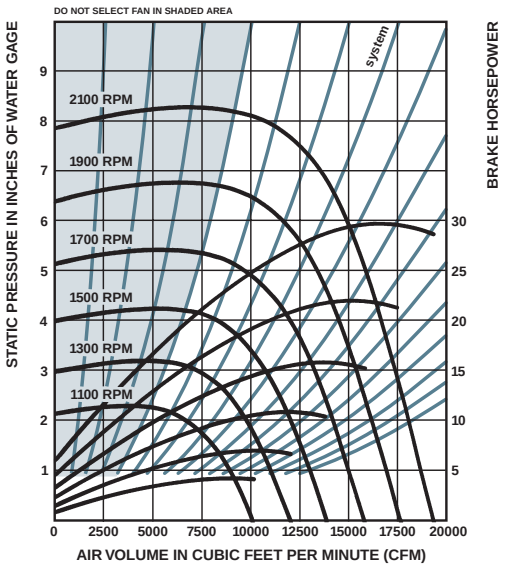
MAX. RPM
CL.1 1563
CL.2 2097
CL.3 2269

VOL. CFM	OUTLET VEL. FPM	.25 S.P.		.5 S.P.		.75 S.P.		1 S.P.		1.25 S.P.		1.5 S.P.		2 S.P.		2.5 S.P.		3 S.P.		3.5 S.P.	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
3618	600	477	0.35	565	0.56	**653**	**0.82**	**739**	**1.11**	819	1.42	—	—	—	—	—	—	—	—	—	—
4221	700	532	0.49	604	0.71	**680**	**0.97**	**756**	**1.28**	**830**	**1.61**	901	1.96	—	—	—	—	—	—	—	—
4824	800	589	0.66	651	0.89	716	1.17	**783**	**1.48**	**849**	**1.82**	**914**	**2.19**	1039	2.99	—	—	—	—	—	—
5427	900	649	0.88	702	1.12	759	1.40	818	1.73	**877**	**2.08**	**936**	**2.46**	**1052**	**3.30**	1162	4.20	—	—	—	—
6030	1000	710	1.14	758	1.40	807	1.70	859	2.03	912	2.39	**965**	**2.79**	**1072**	**3.64**	**1175**	**4.58**	1275	5.59	1371	6.65
6633	1100	772	1.46	815	1.74	859	2.05	905	2.39	952	2.76	1001	3.16	**1098**	**4.04**	**1194**	**5.01**	**1288**	**6.04**	**1379**	**7.14**
7236	1200	835	1.85	874	2.15	914	2.47	955	2.81	997	3.20	1041	3.61	1130	4.51	**1219**	**5.50**	**1307**	**6.56**	**1393**	**7.68**
7839	1300	898	2.29	934	2.61	971	2.95	1008	3.31	1046	3.70	1086	4.12	1167	5.04	1249	6.05	**1331**	**7.13**	**1412**	**8.29**
8442	1400	961	2.81	995	3.15	1029	3.51	1063	3.88	1098	4.28	1134	4.71	1208	5.64	1284	6.67	**1361**	**7.78**	**1437**	**8.96**
9045	1500	1024	3.39	1057	3.76	1089	4.14	1120	4.54	1152	4.95	1185	5.38	1253	6.33	1323	7.38	1394	8.51	**1466**	**9.71**
9648	1600	1087	4.05	1119	4.46	1149	4.86	1179	5.27	1208	5.70	1239	6.15	1301	7.11	1366	8.17	1432	9.32	1499	10.54
10251	1700	1150	4.79	1182	5.25	1210	5.66	1238	6.09	1266	6.56	1294	7.00	1352	7.99	1412	9.07	1473	10.23	1536	11.47
10854	1800	1214	5.62	1245	6.13	1271	6.56	1298	7.01	1324	7.48	1351	7.95	1405	8.96	1460	10.06	1518	11.24	1576	12.49
11457	1900	1277	6.54	1309	7.10	1333	7.55	1358	8.02	1383	8.51	1409	9.01	1459	10.04	1511	11.16	1565	12.35	1619	13.62
12060	2000	1342	7.58	1372	8.17	1396	8.66	1420	9.14	1443	9.65	1467	10.16	1515	11.23	1564	12.37	1614	13.58	1665	14.87
13266	2200	1472	9.98	1498	10.61	1522	11.19	1543	11.72	1565	12.25	1587	12.81	1630	13.96	1674	15.15	1718	16.40	1763	17.72

VOL. CFM	OUTLET VEL. FPM	4 S.P.		4.5 S.P.		5 S.P.		5.5 S.P.		6 S.P.		6.5 S.P.		7 S.P.		7.5 S.P.		8 S.P.		8.5 S.P.	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
7236	1200	**1477**	**8.87**	1559	10.11	1638	11.39	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7839	1300	**1492**	**9.50**	**1570**	**10.77**	1647	12.09	1721	13.45	1794	14.86	—	—	—	—	—	—	—	—	—	—
8442	1400	**1512**	**10.20**	**1586**	**11.50**	**1659**	**12.85**	**1731**	**14.25**	1801	15.68	1870	17.17	1937	18.69	—	—	—	—	—	—
9045	1500	**1537**	**10.98**	**1607**	**12.30**	**1677**	**13.67**	**1745**	**15.10**	**1813**	**16.57**	**1879**	**18.09**	1944	19.64	2009	21.24	2071	22.87	—	—
9648	1600	**1566**	**11.83**	**1633**	**13.18**	**1699**	**14.58**	**1764**	**16.03**	**1829**	**17.53**	**1893**	**19.08**	**1956**	**20.67**	2017	22.29	2078	23.96	2138	25.66
10251	1700	1599	12.78	**1662**	**14.15**	**1725**	**15.57**	**1787**	**17.05**	**1849**	**18.58**	**1910**	**20.15**	**1970**	**21.77**	**2030**	**23.43**	**2089**	**25.12**	2147	26.86
10854	1800	1635	13.82	1695	15.21	**1754**	**16.66**	**1814**	**18.16**	**1873**	**19.72**	**1931**	**21.32**	**1989**	**22.96**	**2047**	**24.64**	**2104**	**26.37**	**2160**	**28.13**
11457	1900	1675	14.97	1731	16.38	1787	17.85	**1844**	**19.37**	**1900**	**20.95**	**1956**	**22.57**	**2012**	**24.24**	**2067**	**25.96**	**2122**	**27.71**	**2176**	**29.50**
12060	2000	1717	16.23	1770	17.65	1824	19.14	1877	20.69	1931	22.29	**1984**	**23.94**	**2037**	**25.63**	**2090**	**27.37**	**2143**	**29.15**	**2195**	**30.97**
13266	2200	1810	19.11	1857	20.57	1904	22.09	1953	23.67	2001	25.31	2050	27.00	2098	28.74	**2147**	**30.53**	**2196**	**32.36**	**2244**	**34.23**
14472	2400	1910	22.52	1952	24.01	1995	25.56	2038	27.18	2082	28.85	2126	30.58	2171	32.36	2215	34.18	2260	36.06	—	—
15678	2600	2016	26.49	2054	28.02	2092	29.61	2132	31.25	2171	32.96	2212	34.71	2252	36.53	—	—	—	—	—	—
16884	2800	2127	31.07	2161	32.64	2196	34.27	2232	35.95	2268	37.68	—	—	—	—	—	—	—	—	—	—

Power rating (BHP) does not include drive losses.
Performance shown is for Centrifans with outlet duct.
Data in **bold** face indicates quietest and most efficient performance.

Class I Blowers
Class II Blowers
Class III Blowers



C2700

TIP SPEED (FPM) = 7.069 x RPM

WHEEL DIAMETER = 27"

OUTLET Diameter = 36 5/8" Area = 7.316 Ft.²

INLET Diameter = 36 5/8" Area = 7.316 Ft.²

MAX. HP = 3.057 (RPM/1000)³

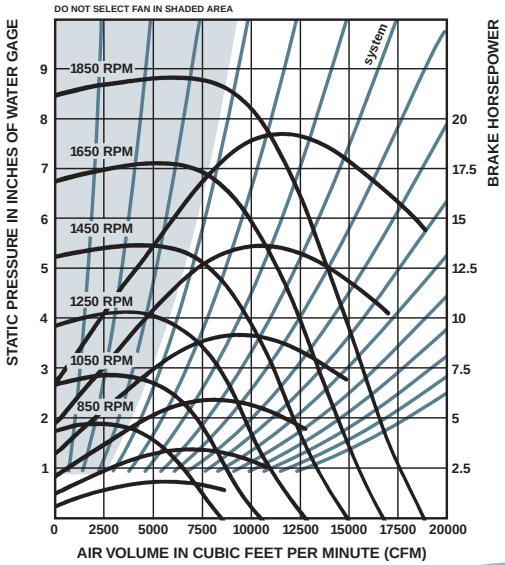
MAX. RPM
CL.1 1579
CL.2 2077
CL.3 2509

VOL. CFM	OUTLET VEL. FPM	.25 S.P.		.5 S.P.		.75 S.P.		1 S.P.		1.25 S.P.		1.5 S.P.		2 S.P.		2.5 S.P.		3 S.P.		3.5 S.P.	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
3658	500	456	0.27	526	0.44	**591**	**0.63**	**652**	**0.84**	712	1.07	—	—	—	—	—	—	—	—	—	—
4390	600	519	0.39	581	0.57	638	0.78	**692**	**1.01**	**744**	**1.26**	**795**	**1.52**	893	2.09	—	—	—	—	—	—
5121	700	585	0.54	640	0.75	691	0.97	740	1.22	**787**	**1.48**	**833**	**1.76**	**920**	**2.36**	1005	3.01	—	—	—	—
5853	800	652	0.73	703	0.97	749	1.21	794	1.48	836	1.76	**878**	**2.05**	**958**	**2.69**	**1035**	**3.37**	1109	4.09	1182	4.86
6584	900	719	0.97	768	1.24	810	1.51	851	1.79	890	2.08	929	2.40	**1002**	**3.06**	**1073**	**3.78**	**1142**	**4.54**	**1209**	**5.33**
7316	1000	786	1.25	834	1.57	874	1.85	911	2.16	948	2.47	983	2.80	1052	3.50	**1118**	**4.25**	**1182**	**5.04**	**1244**	**5.87**
8048	1100	853	1.57	901	1.95	939	2.27	974	2.59	1008	2.92	1041	3.27	1105	4.00	1167	4.79	**1227**	**5.61**	**1285**	**6.48**
8779	1200	920	1.94	969	2.39	1005	2.75	1038	3.09	1070	3.45	1101	3.81	1161	4.58	1219	5.40	1276	6.26	**1331**	**7.16**
9511	1300	988	2.38	1036	2.88	1072	3.29	1104	3.67	1134	4.05	1163	4.43	1220	5.24	1274	6.09	1328	6.99	1380	7.92
10242	1400	1057	2.89	1103	3.44	1139	3.91	1170	4.33	1199	4.73	1227	5.14	1280	5.98	1332	6.87	1383	7.80	1432	8.77
10974	1500	1127	3.49	1169	4.06	1207	4.60	1237	5.06	1265	5.50	1291	5.93	1342	6.82	1391	7.74	1440	8.70	1487	9.70
11706	1600	1198	4.17	1236	4.76	1274	5.36	1305	5.88	1332	6.35	1357	6.82	1406	7.75	1453	8.71	1498	9.71	1543	10.74
12437	1700	1268	4.93	1303	5.52	1341	6.20	1372	6.78	1399	7.30	1424	7.80	1470	8.78	1515	9.78	1559	10.82	1602	11.89
13169	1800	1338	5.76	1371	6.38	1407	7.11	1439	7.76	1466	8.34	1491	8.88	1536	9.92	1579	10.97	1621	12.04	1662	13.15
13900	1900	1407	6.66	1439	7.34	1474	8.10	1506	8.82	1533	9.46	1558	10.05	1602	11.16	1643	12.26	1684	13.38	1723	14.53
14632	2000	1476	7.65	1509	8.41	1541	9.19	1573	9.98	1600	10.68	1625	11.33	1669	12.52	1709	13.68	1748	14.84	1785	16.03

VOL. CFM	OUTLET VEL. FPM	4 S.P.		4.5 S.P.		5 S.P.		5.5 S.P.		6 S.P.		6.5 S.P.		7 S.P.		7.5 S.P.		8 S.P.		8.5 S.P.	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
7316	1000	**1305**	**6.74**	**1365**	**7.65**	1424	8.59	1482	9.56	—	—	—	—	—	—	—	—	—	—	—	—
8048	1100	**1342**	**7.38**	**1398**	**8.32**	**1453**	**9.29**	**1507**	**10.29**	1561	11.32	1614	12.39	1666	13.49	—	—	—	—	—	—
8779	1200	**1384**	**8.09**	**1437**	**9.06**	**1489**	**10.06**	**1540**	**11.10**	**1590**	**12.16**	**1640**	**13.26**	1689	14.38	1737	15.53	1786	16.71	1834	17.92
9511	1300	1431	8.89	**1481**	**9.89**	**1530**	**10.93**	**1578**	**11.99**	**1625**	**13.09**	**1672**	**14.21**	**1719**	**15.37**	**1764**	**16.55**	1810	17.75	1855	18.99
10242	1400	1480	9.77	1528	10.81	**1574**	**11.88**	**1620**	**12.98**	**1665**	**14.11**	**1710**	**15.26**	**1754**	**16.45**	**1797**	**17.66**	**1841**	**18.89**	**1883**	**20.16**
10974	1500	1533	10.74	1578	11.82	1622	12.92	**1666**	**14.05**	**1709**	**15.22**	**1752**	**16.41**	**1794**	**17.62**	**1835**	**18.87**	**1876**	**20.14**	**1917**	**21.43**
11706	1600	1587	11.82	1630	12.92	1673	14.06	1715	15.23	1756	16.43	**1797**	**17.65**	**1837**	**18.90**	**1877**	**20.18**	**1916**	**21.48**	**1955**	**22.81**
12437	1700	1644	13.00	1685	14.14	1726	15.31	1766	16.51	1806	17.74	1845	19.00	**1883**	**20.29**	**1921**	**21.60**	**1959**	**22.94**	**1996**	**24.30**
13169	1800	1702	14.29	1742	15.46	1781	16.67	1819	17.91	1857	19.17	1895	20.47	1932	21.79	1969	23.13	**2005**	**25.51**	**2041**	**25.90**
13900	1900	1762	15.70	1800	16.91	1837	18.15	1874	19.42	1911	20.72	1947	22.05	1983	23.41	2018	24.79	2053	26.19	2088	27.62
14632	2000	1823	17.24	1859	18.49	1896	19.76	1931	21.07	1967	22.40	2001	23.76	2036	25.15	2070	26.57	2104	28.01	2137	29.47
16095	2200	1948	20.71	1982	22.03	2016	23.38	2049	24.76	2082	26.16	2114	27.59	2147	29.05	2178	30.53	2210	32.04	2241	33.57
17558	2400	2077	24.75	2109	26.15	2140	27.58	2171	29.03	2202	30.50	2232	32.00	2263	33.53	2293	35.08	2322	36.66	2352	38.26
19022	2600	2208	29.37	2238	30.87	2268	32.39	2297	33.92	2326	35.47	2355	37.05	2383	38.65	2411	40.27	2439	41.91	2467	43.58
20485	2800	2341	34.62	2370	36.24	2398	37.85	2426	39.48	2453	41.11	2480	42.77	2507	44.45	—	—	—	—	—	—

Power rating (BHP) does not include drive losses.
Performance shown is for Centrifans with outlet duct.
Data in **bold** face indicates quietest and most efficient performance.

Class I Blowers
Class II Blowers
Class III Blowers



C3000

TIP SPEED (FPM) = 7.854 x RPM

WHEEL DIAMETER = 30"

OUTLET Diameter = 40 11/16" Area = 9.029 Ft.²

INLET Diameter = 40 11/16" Area = 9.029 Ft.²

MAX. HP = 5.177 (RPM/1000)³

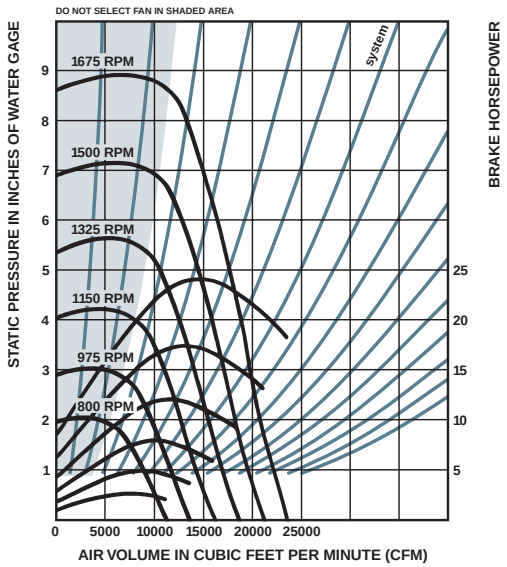
MAX. RPM
CL.1 1421
CL.2 1869
CL.3 2258

VOL. CFM	OUTLET VEL. FPM	.25 S.P.		.5 S.P.		.75 S.P.		1 S.P.		1.25 S.P.		1.5 S.P.		2 S.P.		2.5 S.P.		3 S.P.		3.5 S.P.	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
4515	500	410	0.33	473	0.54	**532**	**0.78**	**587**	**1.04**	641	1.32	—	—	—	—	—	—	—	—	—	—
5417	600	467	0.48	523	0.71	574	0.97	**623**	**1.25**	**670**	**1.55**	**715**	**1.88**	804	2.58	—	—	—	—	—	—
6320	700	527	0.67	576	0.92	622	1.20	666	1.51	**708**	**1.83**	**749**	**2.18**	**828**	**2.92**	904	3.72	—	—	—	—
7223	800	587	0.91	633	1.20	674	1.50	714	1.82	753	2.17	**790**	**2.54**	**862**	**3.32**	**931**	**4.16**	998	5.05	1064	6.00
8126	900	648	1.20	691	1.53	729	1.86	766	2.21	801	2.57	836	2.96	**902**	**3.78**	**966**	**4.66**	**1028**	**5.60**	**1088**	**6.59**
9029	1000	708	1.54	751	1.93	786	2.29	820	2.66	853	3.05	885	3.46	947	4.32	**1006**	**5.25**	**1064**	**6.22**	**1120**	**7.25**
9932	1100	768	1.94	811	2.40	845	2.80	877	3.20	907	3.61	937	4.04	995	4.94	1050	5.91	**1104**	**6.93**	**1157**	**8.00**
10835	1200	828	2.40	872	2.95	905	3.39	934	3.82	963	4.26	991	4.71	1045	5.66	1097	6.67	1148	7.73	**1198**	**8.84**
11738	1300	889	2.94	932	3.56	965	4.07	994	4.53	1020	5.00	1047	5.47	1098	6.47	1147	7.52	1195	8.62	1242	9.78
12641	1400	951	3.57	992	4.25	1026	4.83	1053	5.34	1079	5.84	1104	6.34	1152	7.39	1199	8.48	1244	9.63	1289	10.82
13544	1500	1014	4.31	1053	5.02	1086	5.68	1114	6.25	1139	6.79	1162	7.32	1208	8.42	1252	9.56	1296	10.74	1338	11.98
14446	1600	1078	5.15	1112	5.87	1146	6.62	1174	7.26	1199	7.85	1221	8.42	1265	9.57	1307	10.75	1349	11.98	1389	13.26
15349	1700	1142	6.09	1173	6.82	1207	7.65	1235	8.37	1259	9.01	1281	9.63	1323	10.84	1364	12.08	1403	13.36	1442	14.68
16252	1800	1204	7.11	1234	7.88	1267	8.77	1295	9.58	1319	10.29	1341	10.96	1382	12.24	1421	13.54	1459	14.87	1495	16.23
17155	1900	1267	8.23	1295	9.06	1327	10.00	1355	10.89	1380	11.68	1402	12.41	1442	13.78	1479	15.14	1515	16.52	1551	17.93
18058	2000	1329	9.45	1358	10.39	1387	11.34	1415	12.31	1440	13.19	1462	13.98	1502	15.46	1538	16.88	1573	18.32	1607	19.78

VOL. CFM	OUTLET VEL. FPM	4 S.P.		4.5 S.P.		5 S.P.		5.5 S.P.		6 S.P.		6.5 S.P.		7 S.P.		7.5 S.P.		8 S.P.		8.5 S.P.	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
9029	1000	**1174**	**8.32**	**1228**	**9.44**	1281	10.60	1334	11.80	—	—	—	—	—	—	—	—				
9932	1100	**1208**	**9.11**	**1258**	**10.27**	**1308**	**11.46**	**1356**	**12.70**	1404	13.98	1452	15.29	1499	16.65	—	—				
10835	1200	**1246**	**9.99**	**1293**	**11.19**	**1340**	**12.43**	**1386**	**13.70**	**1431**	**15.01**	**1476**	**16.37**	1520	17.75	1564	19.17	1607	20.63	1650	22.12
11738	1300	1288	10.97	**1332**	**12.21**	**1377**	**13.49**	**1420**	**14.81**	**1463**	**16.16**	**1505**	**17.55**	**1547**	**18.97**	**1588**	**20.43**	1629	21.92	1670	23.44
12641	1400	1332	12.06	1375	13.34	**1417**	**14.66**	**1458**	**16.02**	**1499**	**17.41**	**1539**	**18.84**	**1578**	**20.30**	**1618**	**21.80**	**1656**	**23.33**	**1695**	**24.89**
13544	1500	1379	13.26	1420	14.59	1460	15.95	**1499**	**17.35**	**1538**	**18.79**	**1576**	**20.26**	**1614**	**21.76**	**1652**	**23.29**	**1689**	**24.86**	**1725**	**26.46**
14446	1600	1428	14.59	1467	15.95	1506	17.36	1543	18.80	1580	20.28	**1617**	**21.79**	**1653**	**23.34**	**1689**	**24.91**	**1724**	**26.52**	**1759**	**28.16**
15349	1700	1479	16.05	1517	17.45	1553	18.90	1589	20.39	1625	21.91	1660	23.46	**1695**	**25.05**	**1729**	**26.67**	**1763**	**28.32**	**1797**	**30.00**
16252	1800	1532	17.64	1568	19.09	1603	20.58	1637	22.11	1672	23.67	1705	25.27	1739	26.90	1772	28.56	**1804**	**30.25**	**1837**	**31.97**
17155	1900	1586	19.39	1620	20.88	1654	22.41	1687	23.98	1720	25.59	1753	27.23	1785	28.90	1817	30.60	1848	32.34	1879	34.10
18058	2000	1640	21.28	1673	22.82	1706	24.40	1738	26.01	1770	27.66	1801	29.34	1832	31.05	1863	32.80	1893	34.58	1923	36.38
19864	2200	1753	25.57	1784	27.20	1814	28.87	1844	30.56	1874	32.30	1903	34.06	1932	35.86	1961	37.69	1989	39.55	2017	41.44
21670	2400	1869	30.55	1898	32.28	1926	34.05	1954	35.84	1982	37.66	2009	39.51	2036	41.40	2063	43.31	2090	45.26	2116	47.23
23475	2600	1987	36.26	2014	38.12	2041	39.99	2067	41.88	2093	43.79	2119	45.74	2145	47.71	2170	49.72	2195	51.75	2220	53.81
25281	2800	2107	42.74	2133	44.74	2158	46.73	2183	48.74	2208	50.76	2232	52.80	2256	54.87	—	—	—	—	—	—

Power rating (BHP) does not include drive losses.
Performance shown is for Centrifans with outlet duct.
Data in **bold** face indicates quietest and most efficient performance.

Class I Blowers Class III Blowers
Class II Blowers



C3300

TIP SPEED (FPM) = 8.639 x RPM

WHEEL DIAMETER = 33"

OUTLET Diameter = 44 3/4" Area = 10.922 Ft.²

INLET Diameter = 44 3/4" Area = 10.922 Ft.²

MAX. HP = 8.337 (RPM/1000)³

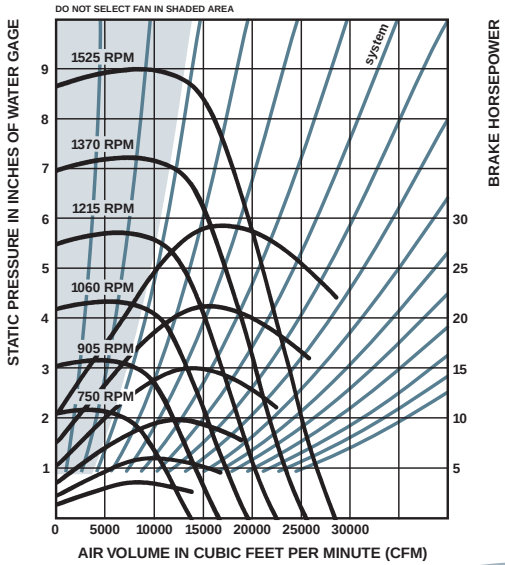
MAX. RPM
CL.1 1292
CL.2 1699
CL.3 2053

VOL. CFM	OUTLET VEL. FPM	.25 S.P.		.5 S.P.		.75 S.P.		1 S.P.		1.25 S.P.		1.5 S.P.		2 S.P.		2.5 S.P.		3 S.P.		3.5 S.P.	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
5461	500	373	0.40	430	0.65	**483**	**0.94**	**534**	**1.26**	582	1.60	—	—	—	—	—	—	—	—	—	—
6553	600	425	0.58	475	0.86	522	1.17	**566**	**1.51**	**609**	**1.88**	**650**	**2.27**	731	3.12	—	—	—	—	—	—
7645	700	479	0.81	524	1.12	566	1.46	606	1.82	**644**	**2.22**	**681**	**2.63**	**753**	**3.53**	822	4.50	—	—	—	—
8738	800	534	1.10	575	1.45	613	1.81	649	2.21	684	2.63	**718**	**3.07**	**784**	**4.01**	**847**	**5.03**	908	6.11	967	7.26
9830	900	589	1.45	628	1.85	663	2.25	696	2.67	728	3.11	760	3.58	**820**	**4.58**	**878**	**5.64**	**934**	**6.77**	**989**	**7.97**
10922	1000	643	1.86	683	2.34	715	2.77	746	3.22	775	3.69	804	4.18	861	5.23	**915**	**6.35**	**967**	**7.53**	**1018**	**8.77**
12014	1100	698	2.34	737	2.91	768	3.39	797	3.87	825	4.37	852	4.88	904	5.98	955	7.15	**1004**	**8.39**	**1051**	**9.68**
13106	1200	753	2.91	793	3.56	822	4.10	850	4.62	875	5.15	901	5.70	950	6.84	998	8.07	1044	9.35	**1089**	**10.69**
14199	1300	808	3.56	847	4.31	877	4.92	903	5.48	928	6.05	952	6.62	998	7.83	1043	9.10	1086	10.43	1129	11.83
15291	1400	865	4.32	902	5.14	932	5.84	958	6.46	981	7.07	1004	7.68	1047	8.94	1090	10.26	1131	11.65	1172	13.09
16383	1500	922	5.21	957	6.07	987	6.87	1012	7.56	1035	8.21	1057	8.86	1098	10.18	1138	11.56	1178	13.00	1216	14.50
17475	1600	980	6.23	1011	7.10	1042	8.01	1067	8.78	1090	9.49	1110	10.18	1150	11.57	1188	13.01	1226	14.50	1263	16.05
18567	1700	1038	7.36	1066	8.25	1097	9.25	1122	10.12	1144	10.90	1165	11.65	1203	13.12	1240	14.61	1275	16.16	1310	17.76
19660	1800	1095	8.61	1121	9.54	1151	10.62	1177	11.59	1199	12.45	1220	13.26	1257	14.82	1292	16.38	1326	17.99	1360	19.64
20752	1900	1152	9.95	1178	10.97	1206	12.10	1232	13.18	1255	14.14	1274	15.02	1311	16.68	1345	18.32	1378	19.99	1410	21.70
21844	2000	1208	11.43	1234	12.57	1261	13.72	1287	14.90	1309	15.96	1329	16.92	1365	18.70	1398	20.43	1430	22.17	1461	23.94

VOL. CFM	OUTLET VEL. FPM	4 S.P.		4.5 S.P.		5 S.P.		5.5 S.P.		6 S.P.		6.5 S.P.		7 S.P.		7.5 S.P.		8 S.P.		8.5 S.P.	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
10922	1000	**1068**	**10.07**	**1117**	**11.42**	1165	12.83	1212	14.28	—	—	—	—	—	—	—	—	—	—	—	—
12014	1100	**1098**	**11.02**	**1144**	**12.42**	**1189**	**13.87**	**1233**	**15.37**	1277	16.91	1320	18.51	1363	20.15	—	—	—	—	—	—
13106	1200	**1133**	**12.09**	**1176**	**13.54**	**1218**	**15.04**	**1260**	**16.58**	**1301**	**18.17**	**1341**	**19.80**	1382	21.48	1422	23.20	1461	24.96	1500	26.77
14199	1300	1171	13.28	**1211**	**14.78**	**1251**	**16.32**	**1291**	**17.92**	**1330**	**19.55**	**1368**	**21.23**	**1406**	**22.95**	**1444**	**24.72**	1481	26.52	1518	28.36
15291	1400	1211	14.59	1250	16.14	**1288**	**17.74**	**1326**	**19.38**	**1362**	**21.07**	**1399**	**22.80**	**1435**	**24.57**	**1471**	**26.38**	**1506**	**28.23**	**1541**	**30.11**
16383	1500	1254	16.05	1291	17.65	1327	19.30	**1363**	**20.99**	**1398**	**22.73**	**1433**	**24.51**	**1467**	**26.33**	**1501**	**28.19**	**1535**	**30.08**	**1568**	**32.01**
17475	1600	1299	17.65	1334	19.30	1369	21.01	1403	22.75	1437	24.54	**1470**	**26.37**	**1503**	**28.24**	**1535**	**30.15**	**1568**	**32.09**	**1599**	**34.07**
18567	1700	1345	19.41	1379	21.12	1412	22.87	1445	24.67	1477	26.51	1509	28.39	**1541**	**30.31**	**1572**	**32.27**	**1603**	**34.26**	**1633**	**36.30**
19660	1800	1393	21.35	1425	23.10	1457	24.90	1489	26.75	1520	28.64	1550	30.58	1581	32.55	1611	34.56	**1640**	**36.61**	**1670**	**38.69**
20752	1900	1441	23.46	1473	25.26	1503	27.12	1534	29.02	1564	30.96	1593	32.94	1622	34.97	1651	37.03	1680	39.13	1708	41.26
21844	2000	1491	25.75	1521	27.61	1551	29.52	1580	31.47	1609	33.46	1638	35.50	1666	37.57	1694	39.69	1721	41.84	1749	44.02
24028	2200	1594	30.94	1622	32.91	1649	34.93	1676	36.98	1703	39.08	1730	41.22	1756	43.39	1782	45.61	1808	47.86	1834	50.15
26213	2400	1699	36.97	1725	39.06	1751	41.20	1776	43.36	1802	45.57	1827	47.81	1851	50.09	1876	52.41	1900	54.76	1924	57.15
28397	2600	1806	43.88	1831	46.12	1855	48.38	1879	50.67	1903	52.99	1927	55.34	1950	57.73	1973	60.16	1996	62.61	2018	65.11
30582	2800	1915	51.71	1939	54.13	1962	56.54	1985	58.97	2007	61.42	2029	63.89	2051	66.39	—	—	—	—	—	—

Power rating (BHP) does not include drive losses.
Performance shown is for Centrifans with outlet duct.
Data in **bold** face indicates quietest and most efficient performance.

Class I Blowers
Class II Blowers
Class III Blowers



C3650

TIP SPEED (FPM) = 9.556 x RPM

WHEEL DIAMETER = 36½"

OUTLET { **Diameter = 49½"** / **Area = 13.4 Ft.²** }

INLET { **Diameter = 49½"** / **Area = 13.4 Ft.²** }

MAX. HP = 12.54 $\left(\frac{RPM}{1000}\right)^3$

MAX. RPM
CL.1 1195
CL.2 1572
CL.3 1852

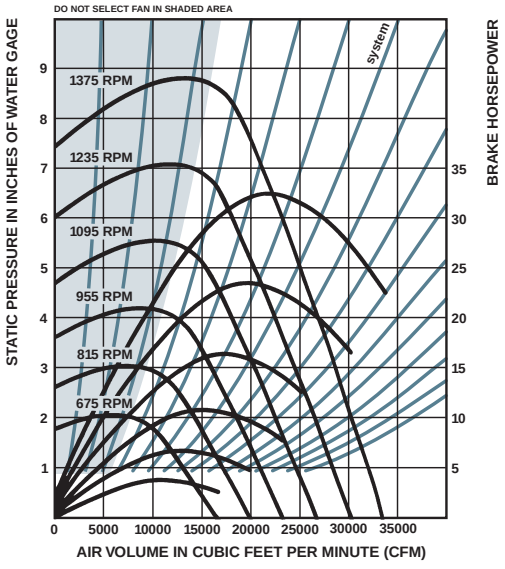
Minimum horsepower required to start fan — 1½ HP

VOL. CFM	OUTLET VEL. FPM	.25 S.P.		.5 S.P.		.75 S.P.		1 S.P.		1.25 S.P.		1.5 S.P.		2 S.P.		2.5 S.P.		3 S.P.		3.5 S.P.	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
6700	500	344	0.47	395	0.76	443	1.08	**489**	**1.43**	**532**	**1.79**	**574**	**2.17**	—	—	—	—	—	—	—	—
8040	600	393	0.67	437	1.00	479	1.36	**519**	**1.74**	**558**	**2.15**	**595**	**2.57**	**667**	**3.45**	—	—	—	—	—	—
9380	700	443	0.93	483	1.31	520	1.70	555	2.12	590	2.57	**624**	**3.03**	**689**	**3.99**	**751**	**5.01**	**811**	**6.08**	—	—
10720	800	493	1.24	532	1.69	565	2.12	597	2.58	628	3.06	659	3.56	**718**	**4.61**	**775**	**5.71**	**830**	**6.86**	**883**	**8.05**
12060	900	544	1.62	582	2.15	612	2.63	641	3.12	669	3.64	697	4.17	752	5.30	**805**	**6.48**	**856**	**7.71**	**905**	**8.99**
13400	1000	596	2.07	632	2.68	661	3.23	688	3.77	714	4.32	739	4.89	790	6.09	838	7.35	**886**	**8.66**	**932**	**10.02**
14740	1100	648	2.62	682	3.29	711	3.93	737	5.42	761	5.11	784	5.72	830	6.99	876	8.32	920	9.71	**963**	**11.15**
16080	1200	701	3.27	733	4.00	761	4.72	786	5.38	809	6.03	831	6.67	874	8.01	916	9.41	957	10.87	998	12.39
17420	1300	754	4.02	783	4.80	812	5.60	836	6.35	858	7.06	879	7.75	919	9.17	959	10.64	997	12.17	1035	13.76
18760	1400	806	4.86	835	5.72	862	6.59	886	7.42	908	8.21	928	8.96	966	10.47	1003	12.01	1040	13.61	1075	15.27
20100	1500	859	5.81	887	6.77	913	7.69	936	8.61	958	9.48	978	10.31	1015	11.92	1050	13.54	1084	15.22	1118	16.94
21440	1600	912	6.91	940	7.97	964	8.92	987	9.91	1008	10.87	1028	11.78	1064	13.52	1097	15.24	1130	16.99	1162	18.78
22780	1700	967	8.20	993	9.30	1015	10.29	1037	11.34	1059	12.39	1078	13.39	1113	15.28	1146	17.10	1177	18.93	1207	20.80
24120	1800	1023	9.69	1046	10.77	1067	11.83	1088	12.92	1109	14.04	1128	15.13	1163	17.18	1195	19.13	1225	21.06	1254	23.01
25460	1900	1078	11.32	1099	12.38	1120	13.54	1140	14.66	1160	15.84	1179	17.01	1213	19.24	1244	21.33	1273	23.37	1301	25.41
26800	2000	1130	12.93	1151	14.12	1173	15.42	1191	16.58	1210	17.80	1229	19.05	1263	21.45	1294	23.70	1323	25.87	1350	28.02

VOL. CFM	OUTLET VEL. FPM	4 S.P.		4.5 S.P.		5 S.P.		5.5 S.P.		6 S.P.		6.5 S.P.		7 S.P.		7.5 S.P.		8 S.P.		8.5 S.P.	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
12060	900	**953**	**10.30**	**1000**	**11.65**	**1046**	**13.04**	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13400	1000	**977**	**11.41**	**1022**	**12.85**	**1065**	**14.32**	**1107**	**15.82**	**1148**	**17.35**	—	—	—	—	—	—	—	—	—	—
14740	1100	**1006**	**12.62**	**1047**	**14.14**	**1088**	**15.69**	**1128**	**17.27**	**1167**	**18.89**	**1206**	**20.54**	**1244**	**22.21**	**1281**	**23.92**	—	—	—	—
16080	1200	**1038**	**13.95**	**1077**	**15.54**	**1116**	**17.18**	**1154**	**18.84**	**1191**	**20.54**	**1227**	**22.27**	**1263**	**24.03**	**1299**	**25.81**	**1334**	**27.62**	**1368**	**29.46**
17420	1300	1073	15.39	1110	17.07	**1147**	**18.78**	**1183**	**20.53**	**1218**	**22.31**	**1253**	**24.12**	**1287**	**25.96**	**1321**	**27.83**	**1354**	**29.72**	**1387**	**31.64**
18760	1400	1111	16.98	1146	18.73	1181	20.52	**1215**	**22.35**	**1248**	**24.21**	**1282**	**26.10**	**1314**	**28.03**	**1347**	**29.98**	**1379**	**31.95**	**1410**	**33.96**
20100	1500	1151	18.72	1184	20.54	1217	22.41	1250	24.31	1282	26.25	**1313**	**28.23**	**1345**	**30.23**	**1375**	**32.26**	**1406**	**34.32**	**1436**	**36.41**
21440	1600	1193	20.63	1225	22.52	1256	24.46	1287	26.44	1317	28.46	1347	30.51	1377	32.59	**1407**	**34.70**	**1436**	**36.84**	**1465**	**39.01**
22780	1700	1237	22.72	1267	24.68	1296	26.69	1326	28.74	1355	30.83	1384	32.95	1412	35.11	1441	37.31	**1469**	**39.53**	**1497**	**41.77**
24120	1800	1282	25.00	1311	27.03	1339	29.11	1367	31.23	1395	33.39	1422	35.59	1450	37.82	1477	40.09	1504	42.39	1530	44.71
25460	1900	1329	27.48	1356	29.58	1383	31.73	1410	33.92	1436	36.15	1462	38.42	1489	40.72	1515	43.06	1540	45.44	1566	47.84
26800	2000	1376	30.17	1402	32.35	1428	34.57	1454	36.82	1479	39.12	1504	41.46	1529	43.84	1554	46.25	1579	48.69	1604	51.17
29480	2200	1473	36.18	1498	38.54	1522	40.92	1545	43.32	1568	45.76	1592	48.24	1615	50.75	1638	53.30	1661	55.89	1684	58.50
32160	2400	1572	43.05	1596	45.63	1618	48.20	1640	50.78	1662	53.38	1684	56.00	1705	58.66	1726	61.35	1748	64.07	1769	66.83
34840	2600	1672	50.78	1695	53.64	1717	56.45	1738	59.24	1758	62.02	1779	54.82	1799	67.63	1819	70.47	1839	73.33	—	—
37520	2800	1772	59.37	1795	62.56	1816	65.66	1837	68.70	—	—	—	—	—	—	—	—	—	—	—	—

Power rating (BHP) does not include drive losses.
Performance shown is for Centrifans with outlet duct.
Data in **bold** face indicates quietest and most efficient performance.

Class I Blowers Class III Blowers
Class II Blowers



C4020

TIP SPEED (FPM) = 10.54 x RPM

WHEEL DIAMETER = 40¼"

OUTLET Diameter = 54 7/16" Area = 16.163 Ft.²

INLET Diameter = 54 7/16" Area = 16.163 Ft.²

MAX. HP = 20.45 (RPM/1000)³

MAX. RPM
CL.1 1083
CL.2 1426
CL.3 1679

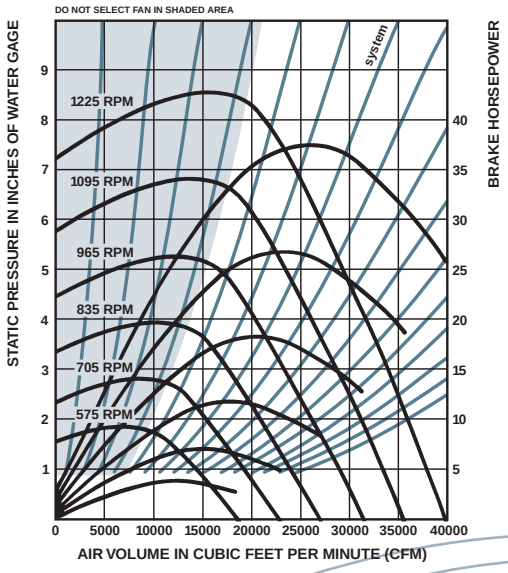
Minimum horsepower required to start fan — 1½ HP

VOL. CFM	OUTLET VEL. FPM	.25 S.P.		.5 S.P.		.75 S.P.		1 S.P.		1.25 S.P.		1.5 S.P.		2 S.P.		2.5 S.P.		3 S.P.		3.5 S.P.	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
8082	500	312	0.57	358	0.93	402	1.32	**443**	**1.73**	**483**	**2.18**	**521**	**2.64**	—	—	—	—	—	—	—	—
9698	600	356	0.82	396	1.22	434	1.65	**471**	**2.12**	**506**	**2.61**	**540**	**3.12**	**605**	**4.20**	—	—	—	—	—	—
11314	700	402	1.13	438	1.59	471	2.07	504	2.58	535	3.12	**566**	**3.68**	**625**	**4.86**	**681**	**6.10**	**735**	**7.40**	—	—
12930	800	447	1.51	482	2.06	512	2.58	541	3.14	569	3.72	597	4.33	**651**	**5.60**	**703**	**6.94**	**753**	**8.34**	**801**	**9.79**
14547	900	493	1.96	527	2.61	555	3.20	581	3.80	607	4.42	632	5.08	682	6.44	**730**	**7.88**	**776**	**9.38**	**821**	**10.93**
16163	1000	540	2.52	573	3.26	600	3.93	624	4.59	647	5.25	671	5.95	716	7.40	760	8.93	**803**	**10.53**	**845**	**12.18**
17779	1100	588	3.19	618	4.01	645	4.78	668	5.50	690	6.22	711	6.96	753	8.49	794	10.12	834	11.81	**874**	**13.55**
19396	1200	636	3.98	664	4.86	690	5.73	713	6.54	734	7.33	754	8.11	792	9.74	831	11.44	868	13.22	905	15.06
21012	1300	684	4.89	710	5.83	736	6.81	758	7.72	778	8.58	797	9.43	834	11.15	869	12.94	904	14.80	939	16.73
22628	1400	731	5.91	757	6.95	782	8.01	804	9.03	823	9.98	842	10.90	876	12.73	910	14.61	943	16.56	975	18.57
24245	1500	779	7.07	805	8.24	828	9.35	849	10.47	869	11.53	887	12.53	920	14.49	952	16.47	983	18.50	1013	20.60
25861	1600	827	8.40	853	9.69	874	10.84	895	12.05	914	13.22	932	14.33	965	16.44	995	18.53	1024	20.65	1053	22.84
27477	1700	877	9.97	901	11.31	921	12.52	941	13.80	960	15.07	978	16.28	1010	18.58	1039	20.79	1067	23.02	1095	25.29
29093	1800	927	11.79	949	13.10	968	14.38	987	15.71	1006	17.08	1023	18.40	1055	20.89	1083	23.26	1111	25.61	1137	27.98
30710	1900	977	13.76	996	15.05	1016	16.46	1033	17.83	1052	19.26	1069	20.69	1100	23.39	1128	25.94	1155	28.42	1180	30.90
32326	2000	1024	15.72	1044	17.17	1064	18.75	1080	20.16	1098	21.65	1115	23.16	1146	26.08	1174	28.82	1199	31.46	1224	34.07

VOL. CFM	OUTLET VEL. FPM	4 S.P.		4.5 S.P.		5 S.P.		5.5 S.P.		6 S.P.		6.5 S.P.		7 S.P.		7.5 S.P.		8 S.P.		8.5 S.P.	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
14547	900	**865**	**12.53**	**907**	**14.17**	**949**	**15.86**	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16163	1000	**886**	**13.88**	**926**	**15.62**	**965**	**17.41**	**1004**	**19.23**	**1041**	**21.10**	—	—	—	—	—	—	—	—	—	—
17779	1100	**912**	**15.35**	**950**	**17.19**	**987**	**19.08**	**1023**	**21.01**	**1058**	**22.97**	**1093**	**24.97**	**1128**	**27.01**	**1161**	**29.08**	—	—	—	—
19396	1200	**941**	**16.96**	**977**	**18.90**	**1012**	**20.89**	**1046**	**22.91**	**1080**	**24.98**	**1113**	**27.08**	**1146**	**29.22**	**1178**	**31.39**	**1209**	**33.59**	**1241**	**35.83**
21012	1300	973	18.72	1007	20.76	**1040**	**22.84**	**1072**	**24.97**	**1104**	**27.13**	**1136**	**29.33**	**1167**	**31.57**	**1198**	**33.84**	**1228**	**36.14**	**1258**	**38.48**
22628	1400	1007	20.65	1039	22.78	1071	24.96	**1102**	**27.18**	**1132**	**29.44**	**1162**	**31.74**	**1192**	**34.08**	**1221**	**36.45**	**1250**	**38.86**	**1279**	**41.29**
24245	1500	1044	22.76	1074	24.98	1104	27.25	1133	29.57	1162	31.93	**1191**	**34.33**	**1219**	**36.76**	**1247**	**39.23**	**1275**	**41.74**	**1302**	**44.27**
25861	1600	1082	25.08	1111	27.39	1139	29.74	1167	32.15	1194	34.60	1222	37.10	1249	39.63	**1276**	**42.20**	**1302**	**44.80**	**1329**	**47.44**
27477	1700	1122	27.62	1149	30.01	1176	32.45	1202	34.95	1229	37.49	1255	40.07	1281	42.70	1307	45.36	**1332**	**48.06**	**1357**	**50.80**
29093	1800	1163	30.40	1189	32.87	1214	35.39	1240	37.97	1265	40.60	1290	43.27	1315	45.99	1339	48.75	1364	51.54	1388	54.37
30710	1900	1205	33.42	1230	35.97	1254	38.58	1278	41.24	1302	43.96	1326	46.72	1350	49.52	1374	52.37	1397	55.25	1420	58.17
32326	2000	1248	36.68	1272	39.34	1295	42.03	1318	44.78	1341	47.57	1364	50.42	1387	53.31	1409	56.24	1432	59.21	1454	62.23
35559	2200	1336	44.00	1358	46.87	1380	49.76	1401	52.68	1422	55.65	1443	58.66	1464	61.71	1485	64.81	1506	67.96	1527	71.14
38791	2400	1426	52.35	1447	55.49	1467	58.62	1487	61.75	1507	64.91	1527	68.10	1546	71.33	1566	74.60	1585	77.91	1604	81.26
42024	2600	1516	61.75	1537	65.23	1557	68.65	1576	72.04	1594	75.42	1613	78.82	1631	82.24	1649	85.69	1667	89.18	—	—
45256	2800	1607	72.20	1628	76.07	1647	79.84	1665	83.54	—	—	—	—	—	—	—	—	—	—	—	—

Power rating (BHP) does not include drive losses.
Performance shown is for Centrifans with outlet duct.
Data in **bold** face indicates quietest and most efficient performance.

Class I Blowers
Class II Blowers
Class III Blowers



C4450

TIP SPEED (FPM) = 11.65 x RPM

WHEEL DIAMETER = 44½"

OUTLET { **Diameter = 60½"** / **Area = 19.963 Ft.²** }

INLET { **Diameter = 60½"** / **Area = 19.963 Ft.²** }

MAX. HP = 33.78 $\left(\frac{RPM}{1000}\right)^3$

MAX. RPM
CL.1 980
CL.2 1290
CL.3 1519

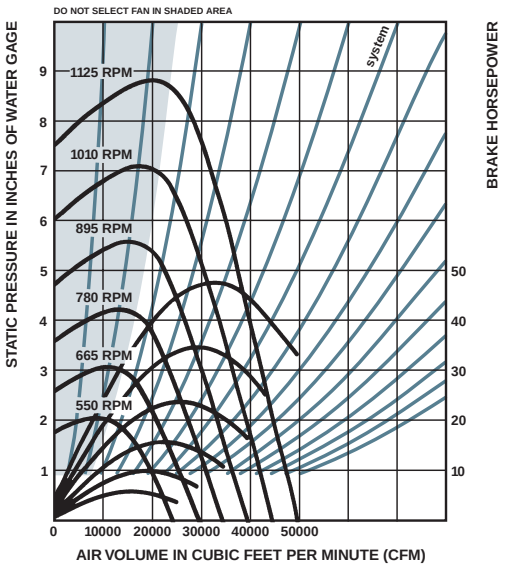
Minimum horsepower required to start fan — 1½ HP

VOL. CFM	OUTLET VEL. FPM	.25 S.P.		.5 S.P.		.75 S.P.		1 S.P.		1.25 S.P.		1.5 S.P.		2 S.P.		2.5 S.P.		3 S.P.		3.5 S.P.	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
9982	500	282	0.70	324	1.13	363	1.61	**401**	**2.12**	**437**	**2.66**	**471**	**3.22**	—	—	—	—	—	—	—	—
11978	600	322	1.00	358	1.49	393	2.02	**426**	**2.59**	**458**	**3.19**	**488**	**3.82**	**547**	**5.13**	—	—	—	—	—	—
13974	700	363	1.38	396	1.95	426	2.53	456	3.15	484	3.81	**512**	**4.50**	**565**	**5.94**	**616**	**7.45**	**665**	**9.04**	—	—
15970	800	405	1.84	436	2.51	463	3.16	489	3.83	515	4.54	540	5.29	**589**	**6.85**	**636**	**8.48**	**681**	**10.19**	**725**	**11.97**
17967	900	446	2.40	477	3.19	502	3.91	526	4.64	549	5.41	572	6.20	617	7.88	**660**	**9.63**	**702**	**11.47**	**743**	**13.36**
19963	1000	489	3.08	518	3.99	542	4.81	564	5.61	586	6.42	607	7.27	648	9.05	688	10.92	**727**	**12.87**	**765**	**14.89**
21959	1100	532	3.90	559	4.90	583	5.84	604	6.72	624	7.60	643	8.50	681	10.38	718	12.37	755	14.43	**790**	**16.57**
23956	1200	575	4.87	601	5.94	624	7.01	645	8.00	664	8.96	682	9.92	717	11.90	751	13.99	785	16.16	819	18.41
25952	1300	618	5.98	643	7.13	666	8.32	686	9.44	704	10.49	721	11.52	754	13.63	786	15.81	818	18.09	849	20.45
27948	1400	661	7.23	685	8.50	707	9.79	727	11.03	745	12.20	761	13.32	793	15.56	823	17.86	853	20.24	882	22.70
29944	1500	704	8.64	728	10.07	748	11.42	768	12.79	786	14.09	802	15.32	832	17.72	861	20.13	889	22.62	917	25.18
31941	1600	748	10.27	771	11.84	790	13.25	809	14.73	827	16.16	843	17.51	872	20.10	900	22.65	926	25.25	953	27.92
33937	1700	793	12.19	815	13.82	833	15.30	851	16.86	868	18.41	884	19.90	913	22.70	940	25.42	965	28.14	990	30.92
35933	1800	839	14.41	858	16.01	875	17.58	893	19.21	910	20.87	925	22.49	954	25.54	980	28.44	1004	31.30	1028	34.20
37930	1900	884	16.82	901	18.39	919	20.12	935	21.79	951	23.55	967	25.29	995	28.60	1021	31.71	1044	34.74	1067	37.77
39926	2000	926	19.21	944	20.98	962	22.91	977	24.64	993	26.46	1008	28.31	1036	31.88	1062	35.23	1085	38.46	1107	41.64

VOL. CFM	OUTLET VEL. FPM	4 S.P.		4.5 S.P.		5 S.P.		5.5 S.P.		6 S.P.		6.5 S.P.		7 S.P.		7.5 S.P.		8 S.P.		8.5 S.P.	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
17967	900	**782**	**15.31**	**820**	**17.32**	**858**	**19.39**	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19963	1000	**802**	**16.96**	**838**	**19.10**	**873**	**21.28**	**908**	**23.51**	**942**	**25.79**	—	—	—	—	—	—	—	—	—	—
21959	1100	**825**	**18.76**	**859**	**21.02**	**893**	**23.32**	**925**	**25.68**	**957**	**28.08**	**989**	**30.53**	**1020**	**33.02**	**1051**	**35.55**	—	—	—	—
23956	1200	**851**	**20.73**	**884**	**23.10**	**915**	**25.53**	**946**	**28.01**	**977**	**30.53**	**1007**	**33.10**	**1036**	**35.71**	**1065**	**38.37**	**1094**	**41.06**	**1122**	**43.80**
25952	1300	880	22.88	911	25.37	**941**	**27.92**	**970**	**30.52**	**999**	**33.16**	**1028**	**35.85**	**1056**	**38.59**	**1083**	**41.36**	**1111**	**44.18**	**1138**	**47.04**
27948	1400	911	25.24	940	27.84	968	30.50	**996**	**33.22**	**1024**	**35.99**	**1051**	**38.80**	**1078**	**41.66**	**1105**	**44.56**	**1131**	**47.50**	**1157**	**50.47**
29944	1500	944	27.82	971	30.53	998	33.31	1025	36.14	1051	39.03	**1077**	**41.96**	**1103**	**44.94**	**1128**	**47.96**	**1153**	**51.02**	**1178**	**54.12**
31941	1600	979	30.66	1004	33.48	1030	36.36	1055	39.30	1080	42.30	1105	45.34	1130	48.44	**1154**	**51.58**	**1178**	**54.76**	**1202**	**57.98**
33937	1700	1015	33.76	1039	36.68	1063	39.67	1087	42.72	1111	45.82	1135	48.98	1159	52.19	1182	55.45	**1205**	**58.75**	**1228**	**62.09**
35933	1800	1052	37.16	1075	40.18	1098	43.26	1121	46.42	1144	49.63	1167	52.90	1189	56.22	1211	59.59	1233	63.00	1255	66.46
37930	1900	1090	40.84	1112	43.97	1134	47.16	1156	50.41	1178	53.73	1200	57.10	1221	60.53	1242	64.01	1264	67.54	1285	71.11
39926	2000	1129	44.84	1150	48.08	1171	51.38	1192	54.73	1213	58.15	1234	61.63	1254	65.16	1275	68.74	1295	72.38	1315	76.06
43919	2200	1208	53.78	1228	57.29	1248	60.82	1267	64.39	1286	68.02	1306	71.70	1325	75.43	1343	79.23	1362	83.07	1381	86.96
47911	2400	1290	63.99	1309	67.83	1327	71.65	1345	75.48	1363	79.34	1381	83.24	1399	87.19	1416	91.18	1433	95.23	1451	99.33
51904	2600	1372	75.48	1390	79.73	1408	83.91	1425	88.05	1442	92.19	1459	96.34	1475	100.53	1492	104.74	1508	109.00	—	—
55896	2800	1454	88.25	1472	92.98	1490	97.59	1506	102.12	—	—	—	—	—	—	—	—	—	—	—	—

Power rating (BHP) does not include drive losses.
Performance shown is for Centrifans with outlet duct.
Data in **bold** face indicates quietest and most efficient performance.

Class I Blowers
Class II Blowers
Class III Blowers



C4900

TIP SPEED (FPM) = 12.83 x RPM

WHEEL DIAMETER = 49"

OUTLET Diameter = 66 7/16" Area = 24.074 Ft.²

INLET Diameter = 66 7/16" Area = 24.074 Ft.²

MAX. HP = 54.68 (RPM/1000)³

MAX. RPM
CL.1 890
CL.2 1171
CL.3 1380

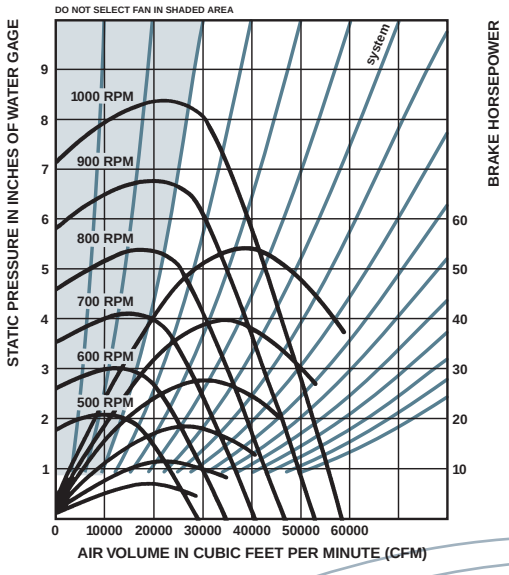
Minimum horsepower required to start fan — 5 HP

VOL. CFM	OUTLET VEL. FPM	.25 S.P.		.5 S.P.		.75 S.P.		1 S.P.		1.25 S.P.		1.5 S.P.		2 S.P.		2.5 S.P.		3 S.P.		3.5 S.P.	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
12037	500	256	0.85	294	1.37	330	1.95	**364**	**2.57**	**397**	**3.22**	**428**	**3.91**	—	—	—	—	—	—	—	—
14444	600	293	1.21	325	1.80	357	2.45	**387**	**3.14**	**416**	**3.87**	**443**	**4.63**	**497**	**6.22**	—	—	—	—	—	—
16852	700	330	1.67	360	2.36	387	3.07	414	3.82	440	4.62	**465**	**5.45**	**513**	**7.20**	**560**	**9.04**	**604**	**10.96**	—	—
19259	800	368	2.23	396	3.05	421	3.83	444	4.65	468	5.51	491	6.41	**535**	**8.30**	**577**	**10.29**	**618**	**12.36**	**658**	**14.51**
21667	900	405	2.91	433	3.87	456	4.74	478	5.63	499	6.56	519	7.52	560	9.55	**599**	**11.68**	**637**	**13.90**	**674**	**16.20**
24074	1000	444	3.73	471	4.83	493	5.83	513	6.80	532	7.79	551	8.81	588	10.97	624	13.24	**660**	**15.61**	**694**	**18.05**
26481	1100	483	4.73	508	5.94	530	7.08	549	8.15	567	9.22	584	10.31	619	12.59	652	14.99	685	17.50	**718**	**20.09**
28889	1200	522	5.90	546	7.20	567	8.50	586	9.70	603	10.86	619	12.02	651	14.43	682	16.96	713	19.60	743	22.33
31296	1300	562	7.25	584	8.65	604	10.09	623	11.44	639	12.72	655	13.97	685	16.52	714	19.17	743	21.93	771	24.79
33704	1400	601	8.76	622	10.31	642	11.87	660	13.38	676	14.79	691	16.16	720	18.87	747	21.65	774	24.54	801	27.52
36111	1500	640	10.48	661	12.21	680	13.85	698	15.51	714	17.08	728	18.58	756	21.48	782	24.41	807	27.42	833	30.53
38518	1600	679	12.46	700	14.36	718	16.07	735	17.86	751	19.59	766	21.23	792	24.37	817	27.46	841	30.61	865	33.85
40926	1700	720	14.78	740	16.76	756	18.55	773	20.44	789	22.33	803	24.13	829	27.53	853	30.82	876	34.12	899	37.49
43333	1800	762	17.47	779	19.41	795	21.32	811	23.29	826	25.31	840	27.27	866	30.96	890	34.48	912	37.96	934	41.47
45741	1900	803	20.40	818	22.30	834	24.39	849	26.42	864	28.55	878	30.66	904	34.67	927	38.45	949	42.12	969	45.80
48148	2000	841	23.29	857	25.44	874	27.78	888	29.87	902	32.08	916	34.33	941	38.66	964	42.72	985	46.63	1006	50.49

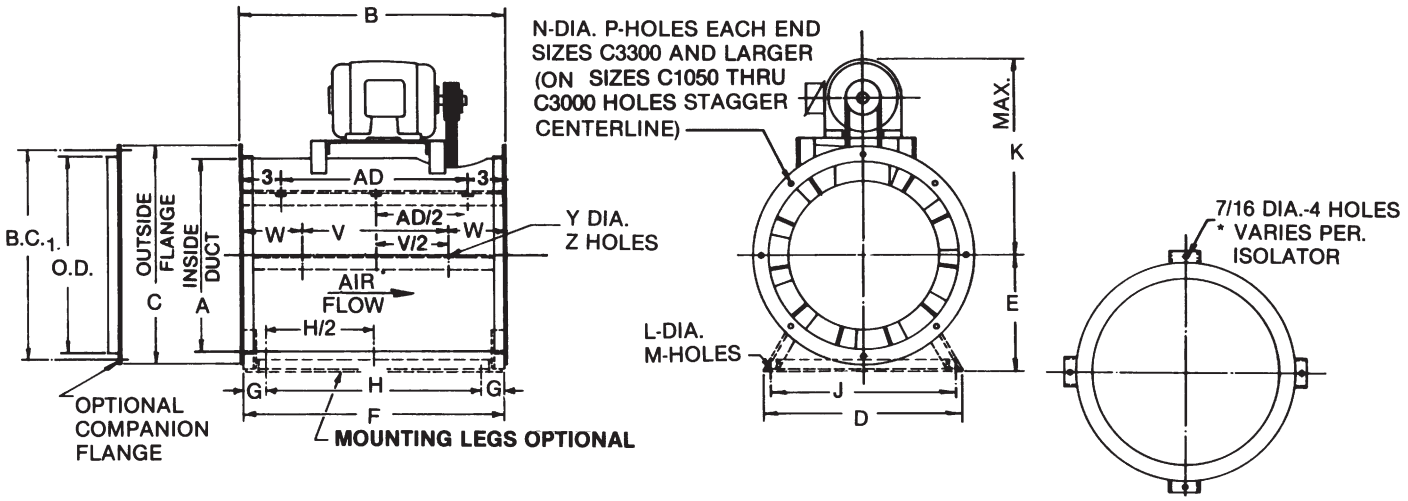
VOL. CFM	OUTLET VEL. FPM	4 S.P.		4.5 S.P.		5 S.P.		5.5 S.P.		6 S.P.		6.5 S.P.		7 S.P.		7.5 S.P.		8 S.P.		8.5 S.P.	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
21667	900	**710**	**18.57**	**745**	**21.00**	**779**	**23.50**	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24074	1000	**728**	**20.57**	**761**	**23.15**	**793**	**25.80**	**824**	**28.51**	**855**	**31.27**	—	—	—	—	—	—	—	—	—	—
26481	1100	**749**	**22.75**	**780**	**25.48**	**811**	**28.28**	**840**	**31.13**	**869**	**34.04**	**898**	**37.01**	**926**	**40.03**	**954**	**43.10**	—	—	—	—
28889	1200	**773**	**25.13**	**802**	**28.01**	**831**	**30.96**	**859**	**33.96**	**887**	**37.02**	**914**	**40.13**	**941**	**43.30**	**967**	**46.52**	**994**	**49.78**	**1019**	**53.10**
31296	1300	799	27.74	827	30.76	**854**	**33.85**	**881**	**37.00**	**907**	**40.21**	**933**	**43.47**	**959**	**46.79**	**984**	**50.15**	**1009**	**53.57**	**1033**	**57.03**
33704	1400	828	30.60	854	33.76	879	36.98	**905**	**40.28**	**930**	**43.63**	**955**	**47.04**	**979**	**50.51**	**1003**	**54.02**	**1027**	**57.59**	**1050**	**61.20**
36111	1500	857	33.73	882	37.02	907	40.39	931	43.82	955	47.32	**978**	**50.87**	**1002**	**54.48**	**1025**	**58.15**	**1047**	**61.86**	**1070**	**65.62**
38518	1600	889	37.17	912	40.59	935	44.08	958	47.65	981	51.28	1004	54.98	1026	58.73	**1048**	**62.54**	**1070**	**66.40**	**1091**	**70.30**
40926	1700	921	40.94	944	44.48	966	48.10	988	51.79	1009	55.56	1031	59.39	1052	63.28	1073	67.23	**1094**	**71.23**	**1115**	**75.28**
43333	1800	955	45.05	976	48.71	997	52.46	1018	56.28	1039	60.17	1059	64.13	1080	68.16	1100	72.25	1120	76.39	1140	80.58
45741	1900	990	49.52	1010	53.31	1030	57.18	1050	61.13	1070	65.15	1089	69.24	1109	73.39	1128	77.61	1148	81.89	1167	86.22
48148	2000	1025	54.37	1045	58.30	1064	62.29	1083	66.36	1102	70.51	1120	74.72	1139	79.00	1158	83.35	1176	87.76	1195	92.22
52963	2200	1098	65.21	1116	69.46	1133	73.74	1151	78.07	1168	82.47	1186	86.93	1203	91.46	1220	96.06	1237	100.72	1254	105.44
57778	2400	1171	77.59	1188	82.24	1205	86.88	1222	91.52	1238	96.20	1254	100.93	1270	105.71	1286	110.56	1302	115.47	1318	120.43
62592	2600	1246	91.52	1262	96.67	1279	101.74	1294	106.76	1310	111.78	1325	116.82	1340	121.89	1355	127.00	—	—	—	—
67407	2800	1320	107.01	1337	112.74	1353	118.33	1368	123.82	—	—	—	—	—	—	—	—	—	—	—	—

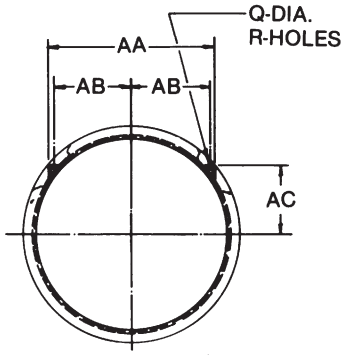
Power rating (BHP) does not include drive losses.
Performance shown is for Centrifans with outlet duct.
Data in **bold** face indicates quietest and most efficient performance.

Class I Blowers
Class II Blowers
Class III Blowers

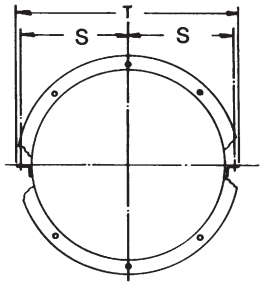


CENTRIFAN® ARRANGEMENT 4 AND 9

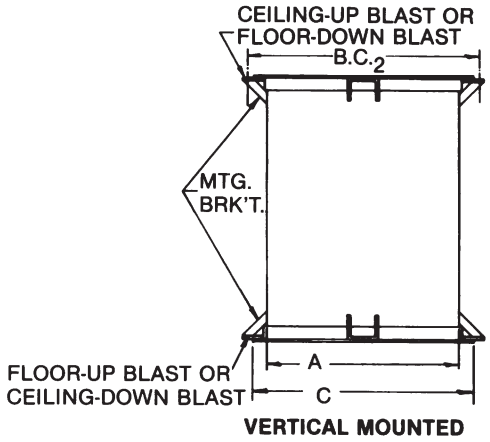




HANGER LOCATIONS
FIG. II • MOTOR POSITIONS
C & G ALL SIZES
D, E, F SIZES C1050 THRU
C1820 ONLY



HANGER LOCATIONS
FIG. II • MOTOR POSITIONS
D, E & F
ALL SIZES EXCEPT
C1050 THRU C1820



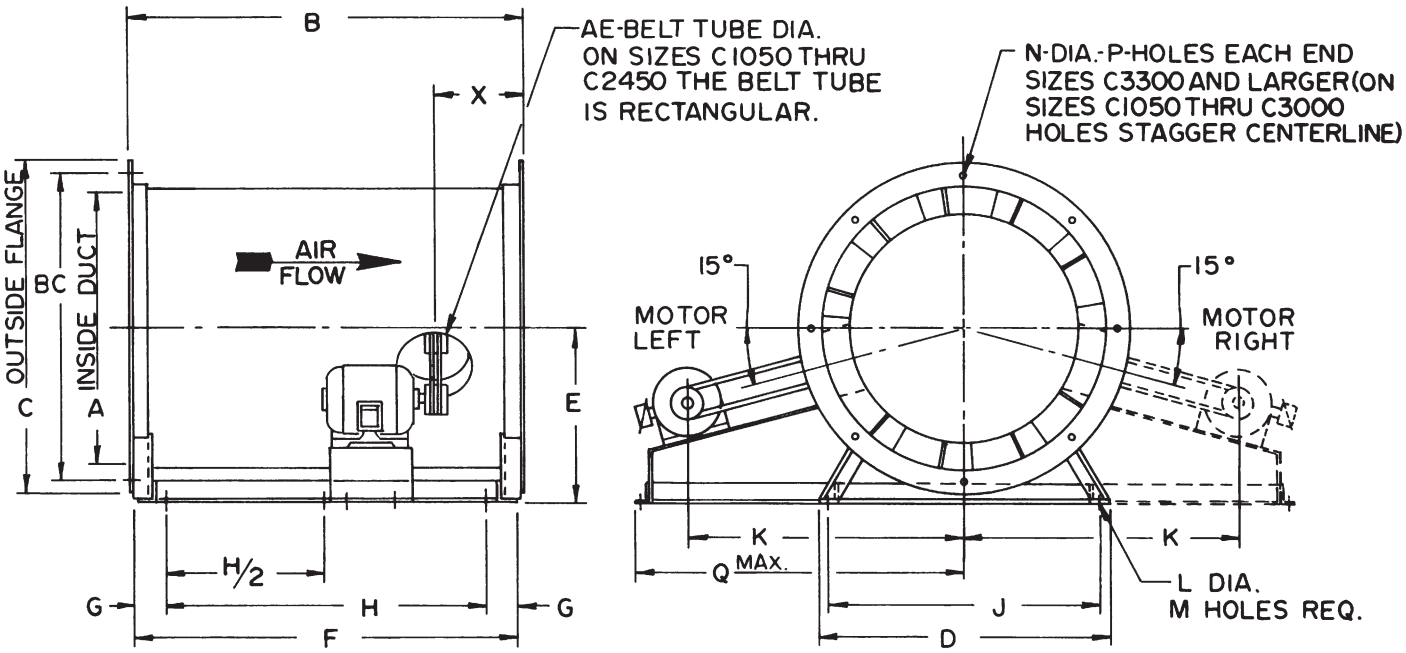
VERTICAL MOUNTED

Dimensions in inches

Certified dimension prints furnished upon request.

FAN SIZE	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	V	W	Y	Z	AA	AB	AC	AD	BC_1	BC_2	Class I Shaft Dia.	Class II Shaft Dia.	O.D.
C1050	14 1/8	19 1/2	16 1/8	14	9 3/4	19	2 5/8	13 3/4	12 1/4	19 3/4	9/16	4	5/16	8	1/2-13	4	7 15/16	17 3/8	10 1/2	4 1/2	9/16	4	11 5/8	5	6 1/2	13 1/2	15 1/8	20 3/8	1	1	14 3/8
C1220	16 9/16	22 5/8	18 9/16	17	11 1/8	22 1/8	2 5/8	16 7/8	15 1/4	22 5/8	9/16	4	5/16	8	1/2-13	4	9 1/8	19 3/4	13 5/8	4 1/2	9/16	4	12	4 3/4	8	16 5/8	17 9/16	22 11/16	1	13/16	16 13/16
C1350	18 3/8	25	20 3/8	18	12	24 1/2	2 5/8	19 1/4	16 1/4	23 1/2	9/16	4	5/16	8	1/2-13	4	10 1/16	21 5/8	16	4 1/2	9/16	4	14 1/4	5 7/8	8	19	19 3/8	24 7/16	1	13/16	18 5/8
C1500	20 5/16	27 5/8	22 5/16	20	12 3/4	27 1/8	2 5/8	21 7/8	18 1/4	24 1/2	9/16	4	5/16	8	1/2-13	4	11	23 1/2	18 5/8	4 1/2	9/16	4	17	7 1/4	8 1/2	21 5/8	21 5/16	26 1/2	1	13/16	20 9/16
C1650	22 5/16	30 3/8	24 5/16	22	14	29 7/8	2 5/8	24 5/8	20 1/4	27 1/2	9/16	4	5/16	12	1/2-13	4	12	25 1/2	21 5/8	4 1/2	9/16	4	18 1/2	8	9 1/4	24 3/8	23 5/16	28 9/16	1	17/16	22 9/16
C1820	24 11/16	33 3/8	26 11/16	25	15 1/8	32 7/8	2 5/8	27 5/8	23 1/4	29 1/2	9/16	4	5/16	12	1/2-13	4	13 3/16	27 7/8	24 3/8	4 1/2	9/16	4	20	8 7/8	10	27 3/8	25 11/16	31	13/16	17/16	24 15/16
C2000	27 5/16	36 5/8	29 13/16	27	16 1/4	36 1/8	2 5/8	30 7/8	25 1/4	30 1/4	9/16	6	5/16	12	1/2-13	4	14 9/16	30 5/8	27 5/8	4 1/2	9/16	4	22	9 3/4	10 7/8	30 5/8	28 9/16	33 3/8	13/16	17/16	27 9/16
C2220	30 5/16	40 1/2	32 13/16	30	18 1/8	40	3 1/4	33 1/2	28 1/4	31 1/4	9/16	6	5/16	12	1/2-13	4	16 1/16	33 5/8	31 1/2	4 1/2	9/16	4	24 1/4	10 7/8	12 1/8	34 1/2	31 9/16	37 9/16	13/16	111/16	30 9/16
C2450	33 1/4	44 5/8	35 3/4	33	19 3/4	44 1/8	3 3/4	36 5/8	31 1/4	32 7/8	7/8	6	3/8	16	1/2-13	4	17 3/4	37 1/2	34 5/8	5	11/16	4	26 1/2	11 3/4	13 1/4	38 5/8	34 1/2	40 1/2	17/16	111/16	33 1/2
C2700	36 5/8	48	39 1/8	37	21 1/2	47 5/8	3 3/4	40 1/8	35 1/4	34 1/2	7/8	6	3/8	16	1/2-13	4	19 7/16	40 7/8	38	5	11/16	4	29 1/2	13 1/4	14 3/4	42	37 7/8	43 7/8	111/16	115/16	36 7/8
C3000	40 11/16	53 3/8	43 3/16	41	23 1/2	53	3 3/4	45 1/2	39 1/4	38	7/8	6	3/8	16	1/2-13	6	21 1/2	45	43 3/8	5	11/16	6	32	14 1/2	16	47 3/8	41 15/16	47 15/16	111/16	115/16	40 15/16
C3300	44 3/4	58 3/8	49	45	26	58 1/4	3 3/4	50 3/4	43 1/4	44	7/8	6	7/16	8	1/2-13	6	23 3/4	50	48 5/8	5	11/16	6	34 3/4	15 7/8	17 3/8	52 5/8	47 1/4	52	115/16	23/16	45 3/8
C3650	49 1/2	64 7/8	53 3/4	50	28 3/8	64 1/2	3 3/4	57	48 1/4	46 3/8	7/8	4	7/16	8	1/2-13	4	26 1/8	54 3/4	54 7/8	5	11/16	4	38 1/4	17 5/8	19 1/8	58 7/8	52	56 1/2	23/16	23/16	50 1/8
C4020	54 7/16	71 1/2	59 3/4	55	31	71	4 1/4	62 1/2	52 1/2	49	7/8	4	7/16	8	5/8-11	4	28 5/8	59 3/4	60 1/2	5 1/2	7/8	4	42	19 1/2	21	65 1/2	57 1/2	62 1/4	23/16	27/16	55 1/8
C4450	60 1/2	79 1/8	65 3/4	61	33 7/8	78 5/8	4 1/4	70 1/8	58 1/2	51 7/8	7/8	4	9/16	16	5/8-11	4	31 5/8	65 3/4	68 1/8	5 1/2	7/8	4	45 3/4	21 1/2	22 7/8	73 1/8	63 1/2	70 1/2	23/16	211/16	61 1/8
C4900	66 7/16	87 1/8	71 13/16	67	37	86 5/8	4 1/4	78 1/8	64 1/2	54	7/8	4	9/16	16	5/8-11	4	34 11/16	71 7/8	76 1/8	5 1/2	7/8	6	50	23 5/8	25	81 1/8	69 9/16	*	27/16	215/16	67 3/16

CENTRIFAN® ARRANGEMENT 1



Motor Positions Shown Are Viewed From Discharge End

Dimensions in inches

Certified dimension prints furnished upon request.

FAN SIZE	A	B	C	D	E	F	G	H	J	L	M	N	P	MAX Q*	X	AE	BC	Class I Shaft Dia.	Class II Shaft Dia.	Frame K Min Motor		Frame K Max Motor	
C1050	14 1/8	19 1/2	16 1/8	14	9 3/4	19	2 5/8	13 3/4	12 1/4	9/16	4	5/16	8	27	3	3 7/8 x 6	15 1/8	1	1	48	15 3/8	184T	17 1/2
C1220	16 9/16	22 5/8	18 9/16	17	11 1/8	22 1/8	2 5/8	16 7/8	15 1/4	9/16	4	5/16	8	31	3	3 7/8 x 6	17 9/16	1	1 3/16	48	16 3/4	215T	20 1/2
C1350	18 3/8	25	20 3/8	18	12	24 1/2	2 5/8	19 1/4	16 1/4	9/16	4	5/16	8	32	3	3 7/8 x 6	19 3/8	1	1 3/16	48	17 1/2	215T	21 1/2
C1500	20 5/16	27 5/8	22 5/16	20	12 3/4	27 1/8	2 5/8	21 7/8	18 1/4	9/16	4	5/16	8	35 1/2	3	3 7/8 x 6 5/8	21 5/16	1	1 3/16	48	18 1/2	256T	23 1/2
C1650	22 5/16	30 3/8	24 5/16	22	14	29 7/8	2 5/8	24 5/8	20 1/4	9/16	4	5/16	12	36 1/2	3 1/2	4 7/8 x 8	23 5/16	1	1 7/16	48	19 1/2	256T	24 1/2
C1820	24 11/16	33 3/8	26 11/16	25	15 1/8	32 7/8	2 5/8	27 5/8	23 1/4	9/16	4	5/16	12	40 1/2	3 1/2	4 7/8 x 9	25 11/16	1 3/16	1 7/16	48	20 5/8	286T	27 1/2
C2000	27 5/16	36 5/8	29 13/16	27	16 1/4	36 1/8	2 5/8	30 7/8	25 1/4	9/16	6	5/16	12	41 3/4	3 1/2	4 7/8 x 9	28 9/16	1 3/16	1 7/16	48	22	286T	28 3/4
C2220	30 5/16	40 1/2	32 13/16	30	18 1/8	40	3 1/4	33 1/2	28 1/4	9/16	6	5/16	12	43	3 1/2	4 7/8 x 10	31 9/16	1 3/16	1 11/16	48	23 3/8	286T	30
C2450	33 1/4	44 5/8	35 3/4	33	19 3/4	44 1/8	3 3/4	36 5/8	31 1/4	7/8	6	3/8	16	47	3 1/2	4 7/8 x 11	34 1/2	1 7/16	1 11/16	48	24 3/4	326T	32 1/2
C2700	36 5/8	48	39 1/8	37	21 1/2	47 5/8	3 3/4	40 1/8	35 1/4	7/8	6	3/8	16	48 1/2	10 1/2	12	37 7/8	1 11/16	1 15/16	56	27	326T	34
C3000	40 11/16	53 3/8	43 3/16	41	23 1/2	53	3 3/4	45 1/2	39 1/4	7/8	6	3/8	16	55 1/2	11 1/2	13	41 15/16	1 11/16	1 15/16	182T	30 1/2	365T	39 1/2
C3300	44 3/4	58 3/8	49	45	26	58 1/4	3 3/4	50 3/4	43 1/4	7/8	6	7/16	8	57 1/2	12 1/2	14	47 1/4	1 15/16	2 3/16	182T	32 1/2	365T	41 1/2
C3650	49 1/2	64 7/8	53 3/4	50	28 3/8	64 1/2	3 3/4	57	48 1/4	7/8	4	7/16	8	62 1/2	14	16	52	2 3/16	2 3/16	182T	34 1/2	405T	45
C4020	54 7/16	71 1/2	59 3/4	55	31	71	4 1/4	62 1/2	52 1/2	7/8	4	7/16	8	66	15	17	57 1/2	2 3/16	2 7/16	213T	39	405T	47 1/2
C4450	60 1/2	79 1/8	65 3/4	61	33 7/8	78 5/8	4 1/4	70 1/8	58 1/2	7/8	4	9/16	16	69	16 1/2	19	63 1/2	2 3/16	2 11/16	213T	42	405T	50 1/2
C4900	66 7/16	87 1/8	71 13/16	67	37	86 7/8	4 1/4	78 1/8	64 1/2	7/8	4	9/16	16	76 1/2	18	21	69 9/16	2 7/16	2 15/16	213T	44 3/4	445T	56 1/2

"Q" Dim. will vary based on motor frame size.

TEMPERATURE AND ALTITUDE CORRECTION DATA

Correction Factor Table

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
0°	0.87	0.89	0.91	0.92	0.94	0.96	0.98	0.99	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°	0.94	0.96	0.98	1.00	1.02	1.04	1.06	1.08	1.10	1.12	1.14	1.16	1.19	1.20	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	1.3 0	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

Procedure for Using Correction Factors

Example: Use of correction factor table.

Requirements: A blower to deliver 14,740 cfm at 2.5" S.P. at 200°F and 3000 ft. above sea level.

Data Needed to Fill Requirement: Fan size, BHP and RPM.

1. From table above, correction factor for 200°F and 3000 ft. above sea level = 1.40.
2. 2.5" S.P. (design S.P.) x 1.40 = 3.50" S.P. (S.P. corrected to 70 degrees at sea level).
3. Select from performance table a blower to deliver 14,740 cfm at 3.5" S.P. Best selection indicates a No. C3650 Centrifan® at 963 RPM and 11.15 BHP.
4. Correct BHP by dividing 11.15 by 1.40. This equals 7.964 BHP (correct for 200°F at 3000 ft. altitude).

Recommended Selection: "Centrifan®" size C3650: capacity 14,740 cfm, S.P. 2.5", temperature 200°F, altitude 3000 ft., 963 RPM, 7.964 BHP.

TEMPERATURE OPERATING LIMITS		
ARRANGEMENT STEEL CONSTRUCTION	ARRANGEMENT 1 AND 9	ARRANGEMENT 4
Class I, II and III	-20°F to 150°F	-20°F to 100°F

Note: Contact Factory for Special Hi-Temperature Units

Wheel Weights and WR² in Lbs. Ft²

FAN SIZE	CLASS I		CLASS II	
	WEIGHT	WR²	WEIGHT	WR²
C1050	12.7	0.92	15.1	0.93
C1220	20.2	1.9	24.3	2.7
C1350	23.4	2.9	28.4	3.9
C1500	27.5	4.3	33.6	5.7
C1650	35	6.9	42.3	8.3
C1820	41	10.5	49.6	12.6
C2000	56.5	17	56.4	17.4
C2220	67.5	22.9	60.3	23
C2450	80.5	38.4	77.6	34.2
C2700	93	49	92	49
C3000	111	76	111	76
C3300	132	111	132	111
C3650	198	209	198	209
C4020	247	322	280	327
C4450	298	481	332	487
C4900	430	795	430	795

Standards adopted for spark-resistant fans AMCA Standard 99-0401-86

Spark Resistant — Type A:

AMCA Standards require that all parts of the fan in contact with the air or gas being handled shall be made of non-ferrous material.

Spark Resistant — Type B:

AMCA Standards require the fan to have the wheel and ring about the opening through which the shaft passes of non-ferrous material. Ferrous hubs, shafts and hardware are permitted. Fans for this condition are furnished with a non-ferrous wheel (except hub and hardware) and a non-ferrous shaft seal around the shaft opening.

Spark Resistant — Type C:

AMCA standards require the fan to be so constructed that a shift of the wheel or shaft will not permit two ferrous parts of the fan to rub or strike. Fans for this condition will be furnished with a non-ferrous inlet cone and rubbing plate around the shaft opening.

Note: For all type spark resistant fans, the user shall electrically ground all fan parts. Either A or B construction conforms to requirements of National Board of Fire Underwriters Pamphlet No. 91 for fans handling flammable vapors. Bearings shall not be placed in the air or gas stream. A non-ferrous material shall be any material with less than 5% iron or any other material with demonstrated ability to be spark resistant.

The use of these constructions in no way implies a guarantee of safety for any level of spark resistance. Spark resistant construction does not protect against ignition of explosive gases caused by catastrophic failure or from any airstream material that may be present in a system.

Centrifan® Typical Specifications

Furnish and install where shown on the plans Peerless Blowers "Centrifan®" inline centrifugal fans having wheel diameters, outlet velocities, speeds and horsepower not to exceed that shown on the equipment schedule. Cataloged performance shall be based on tests made in accordance with AMCA Standard 210.

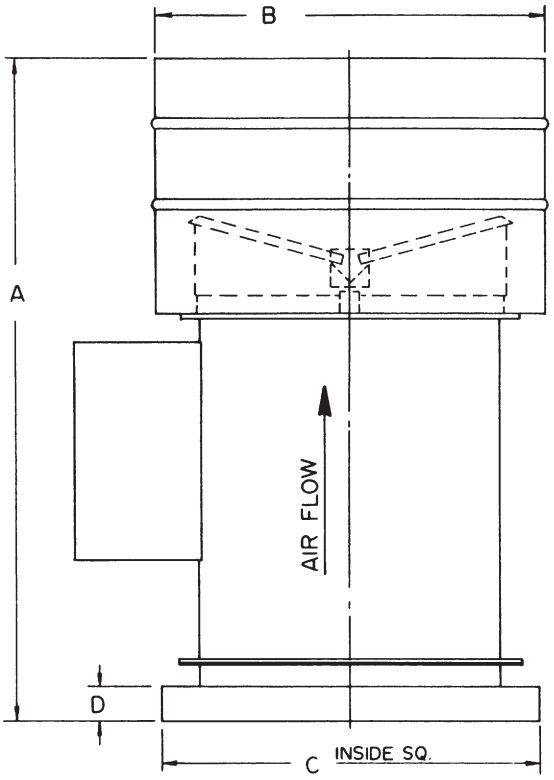
Fan housings shall be all welded cylindrical selections with flanged inlet and outlet connections. Inlet and outlet areas shall be identical to accommodate a single duct size. Housing shall contain multiple conversion vanes to minimize noise generation. Inner cylindrical section, entirely concentric with housing, thus removing the bearings and drive from the airstream. All units shall be statically and dynamically balanced.

All vertical fans shall be Arrangement No. 9 with motor mounted on an adjustable base welded to the housing. All horizontal fans shall be Arrangement No. 9, as above, or Arrangement No.1 with the motor mounted on the fan base. Arrangement No. 4 fans may be used as indicated on the schedule.

Fan wheels 27" diameter and larger shall have die formed hollow airfoil section blades. Fan wheels 24 1/2" and smaller in diameter shall have single plate backward inclined blades.

Upblast Class I

FAN SIZE	A	B	C	D
C1050	34 5/8	19 3/8	22	3
C1220	39 3/4	24 1/4	25	3
C1350	43 1/8	26 1/4	26	3
C1500	46 3/4	28 3/8	28	3
C1650	50 1/2	30	30	3
C1820	55 1/2	32 3/8	31	4
C2000	61	35 1/2	36	4
C2220	66 7/8	38 3/8	40	4
C2450	73	41 3/8	42	4
C2700	80	45	46 1/2	4
C3000	87	49	50 1/2	4
C3300	94 5/8	53	54 1/2	4
C3650	103 7/8	58	58	4
C4020	113 1/2	63	63	4
C4450	124 1/8	69	69	4
C4900	134 5/8	78	75	4



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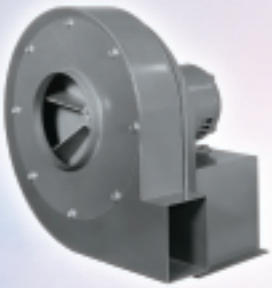


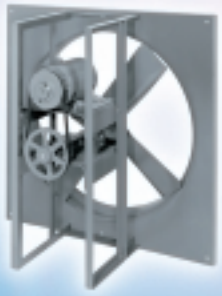
Pressure Blowers

Industrial Fans

Direct Drive Exhaust Fans

In-Line Centrifugal Fans

Backward Inclined Belt Drive Blowers



Belt Drive Propeller Fans

Powerfoil Fans

Plug-Pak Fans

Forward Curve Belt Drive Fans

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