

Centrifugal Belt-Drive In-Line Duct Blower

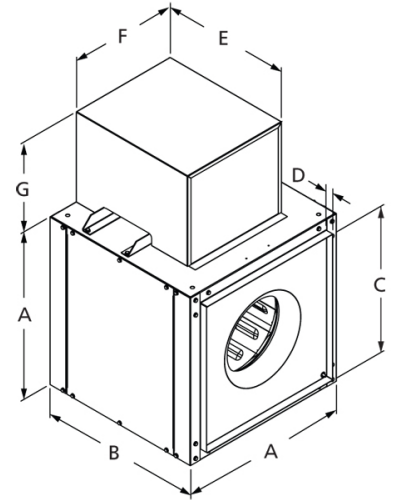


Designed for indoor clean air applications including intake, exhaust, return, or make-up air systems in industrial or commercial buildings. Rugged construction allows fan to be installed in ductwork either horizontally or vertically. Duct collars provide easy duct connections. Access panels are included on each side of the unit.

- Aluminum backward inclined, nonoverloading centrifugal wheel design
- UL/cUL 705 Listed for Power Ventilators
- Maximum inlet air temperature: 160° F
- Bearing and motor cover provide longer service life
- Regreaseable pillow block bearings

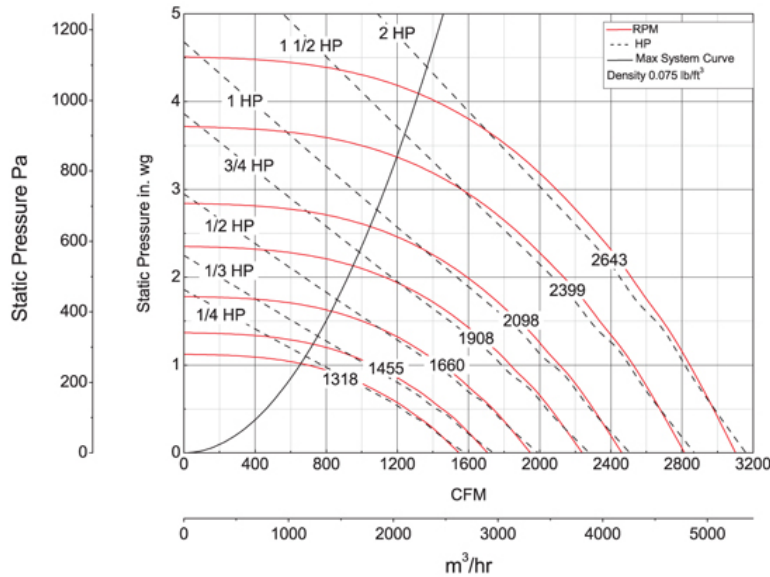


Dayton Electric Mfg. Co. certifies that the blowers shown herein are licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.



A	B	C	D	E	F
23 in	22 in	19 7/8 in	1 in	18 3/5 in	16 in
G					
12 3/8 in					

Performance Characteristics



Construction Features

Impeller Diameter (Typ.)	14 in
Impeller Type	Backward Inclined Centrifugal
Impeller Material	Aluminum
Max Inlet Temp	160 °F
Bearing Type	Regreaseable Pillow Block
Drive Package Description	Drives By Others
Warranty Length	1 Year

Air & Sound Performance

Motor HP	Max BHP	Fan RPM	CFM @	0.000" SP	0.125" SP	0.250" SP	0.375" SP	0.500" SP	0.625" SP	0.750" SP	0.875" SP	1.000" SP	1.250" SP	1.500" SP	1.750" SP	2.000" SP	2.250" SP	2.500" SP	2.750" SP	3.000" SP	
1/4	0.26	1318	CFM	1546	1484	1417	1340	1252	1155	1039	866	—	—	—	—	—	—	—	—	—	—
			Sones	13.4	13.0	12.4	11.8	11.2	11.1	11.0	10.8	—	—	—	—	—	—	—	—	—	—
1/3	0.35	1455	CFM	1707	1650	1591	1527	1452	1373	1284	1182	1062	—	—	—	—	—	—	—	—	—
			Sones	14.9	14.8	14.2	13.8	13.4	13.0	12.8	12.7	12.5	—	—	—	—	—	—	—	—	—
1/2	0.52	1660	CFM	1948	1898	1847	1794	1737	1671	1601	1530	1449	1256	—	—	—	—	—	—	—	—
			Sones	17.5	17.5	17.0	16.7	16.4	16.1	15.9	15.7	15.5	15.0	—	—	—	—	—	—	—	—
3/4	0.79	1908	CFM	2239	2195	2152	2106	2060	2011	1958	1896	1836	1706	1553	1370	—	—	—	—	—	—
			Sones	21.0	21.0	20.0	20.0	19.7	19.4	19.1	18.8	18.4	17.8	17.1	16.8	—	—	—	—	—	—
1	1.05	2098	CFM	2462	2422	2383	2342	2301	2259	2213	2166	2111	2001	1882	1744	1585	1306	—	—	—	—
			Sones	25.0	25.0	25.0	24.0	24.0	23.0	23.0	22.0	22.0	21.0	20.0	20.0	19.8	19.5	—	—	—	—
1 1/2	1.57	2399	CFM	2815	2780	2746	2711	2676	2639	2603	2566	2525	2437	2339	2244	2134	2013	1885	1732	1381	—
			Sones	30.0	30.0	30.0	30.0	30.0	30.0	30.0	29.0	29.0	28.0	27.0	26.0	25.0	24.0	23.0	23.0	23.0	23.0
2	2.10	2643	CFM	3101	3070	3038	3007	2976	2943	2910	2877	2843	2771	2691	2601	2515	2423	2322	2210	2092	—
			Sones	32.0	33.0	33.0	33.0	33.0	33.0	34.0	33.0	33.0	33.0	32.0	31.0	30.0	29.0	28.0	28.0	27.0	26.0

Performance certified is for installation type B: Free inlet, Ducted outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances (accessories). The sound ratings shown are loudness values in fan sones at 5 ft. (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation type B: Free inlet hemispherical fan sone levels.