

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

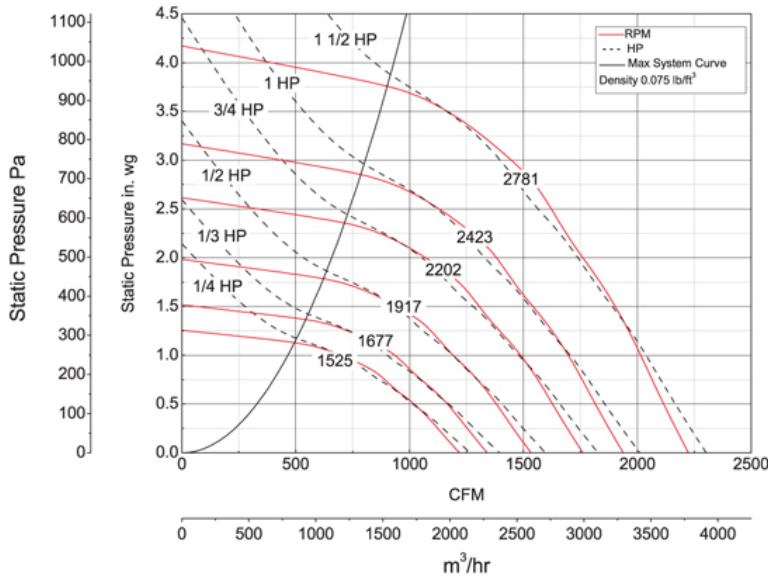


Dayton Electric Mfg. Co. certifies that the blowers shown herein are licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.



A	B	C	D	E	F
21 in	21 in	17 7/8 in	1 in	18 3/5 in	16 in
G					
12 1/2 in					

Performance Characteristics



Construction Features

Impeller Diameter (Typ.)	13 1/2 in
Impeller Type	Backward Inclined Centrifugal
Impeller Material	Aluminum
Max Inlet Temp	160 °F
Bearing Type	Sealed 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	1525	CFM	1220	1171	1123	1075	1019	953	889	814	680	—	—	—	—	—	—	—	—
			Sones	9.9	10.3	11.0	11.2	11.5	11.3	11.1	10.9	—	—	—	—	—	—	—	—	—
1/3	0.35	1677	CFM	1342	1297	1253	1211	1163	1112	1051	992	934	706	—	—	—	—	—	—	—
			Sones	11.3	11.5	12.1	12.3	12.4	12.5	12.3	12.1	11.5	—	—	—	—	—	—	—	—
1/2	0.52	1917	CFM	1534	1495	1456	1418	1381	1340	1295	1247	1193	1092	926	684	—	—	—	—	—
			Sones	14.0	14.0	14.1	14.8	14.6	14.5	14.3	14.2	13.9	13.0	11.9	—	—	—	—	—	—
3/4	0.79	2202	CFM	1762	1728	1694	1660	1628	1595	1563	1524	1484	1397	1306	1214	1048	853	—	—	—
			Sones	18.7	18.1	17.8	18.4	19.3	19.1	18.6	17.9	17.3	17.1	17.4	16.7	15.3	13.9	—	—	—
1	1.05	2423	CFM	1938	1908	1877	1846	1816	1786	1757	1728	1693	1622	1542	1458	1379	1275	1098	920	—
			Sones	21.0	21.0	21.0	21.0	22.0	23.0	22.0	22.0	21.0	19.1	19.6	19.8	19.3	18.4	17.0	15.6	—
1 1/2	1.57	2781	CFM	2225	2198	2171	2144	2117	2091	2065	2040	2014	1960	1898	1836	1762	1688	1620	1549	1441
			Sones	24.0	25.0	25.0	26.0	27.0	28.0	29.0	28.0	28.0	26.0	25.0	24.0	24.0	24.0	23.0	23.0	23.0

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.