Dayton

Stock No. 10C389

Job Name:
Mark:

Submitted By:
Date:11/29/2026

Blowers

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.

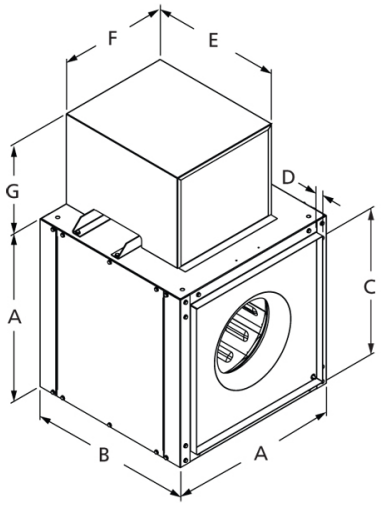
- Aluminum backward inclined, nonoverloading centrifugal wheel design
- UL/cUL 705 Listed for Power Ventilators
- Maximum inlet air temperature: 160º F
- Bearing and motor cover provide longer service life
- Regreaseable pillow block bearings

AMCA Sound & Air

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.

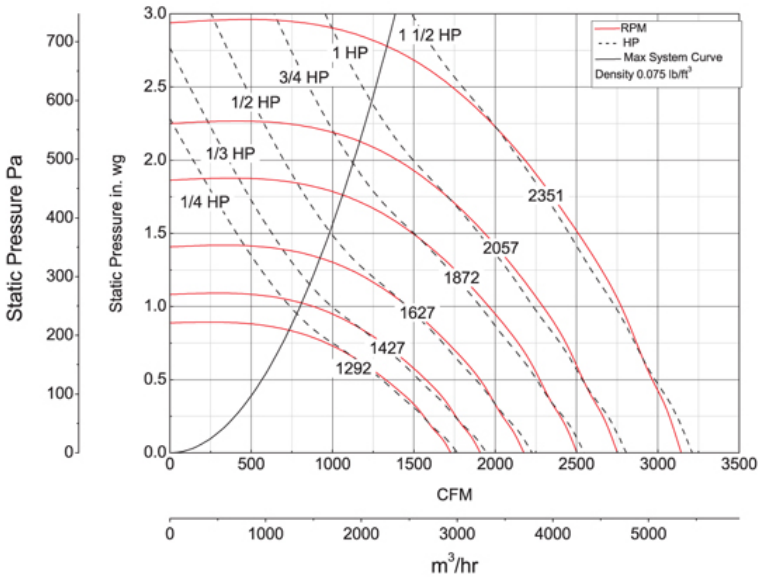
UL/cUL 705

E53236



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

Performance Characteristics



Construction Features

Impeller Diameter (Typ.)	13 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
1/4	0.26	1292	CFM	1728	1650	1562	1460	1326	1168	955	—	—	—	—	—	—	—	—
			Sones	11.9	11.8	11.6	11.3	11.1	11.0	10.6	—	—	—	—	—	—	—	—
1/3	0.35	1427	CFM	1908	1842	1758	1677	1573	1449	1306	1122	—	—	—	—	—	—	—
			Sones	13.8	13.6	13.4	13.1	12.9	12.7	12.5	12.0	—	—	—	—	—	—	—
1/2	0.52	1627	CFM	2176	2121	2045	1978	1903	1815	1708	1592	1461	1087	—	—	—	—	—
			Sones	16.1	15.8	15.5	15.3	15.0	14.7	14.3	13.9	13.5	12.6	—	—	—	—	—
3/4	0.79	1872	CFM	2504	2456	2398	2332	2274	2211	2138	2053	1960	1753	1480	—	—	—	—
			Sones	21.0	20.0	19.6	19.2	18.8	18.5	18.3	17.9	17.2	16.0	14.8	—	—	—	—
1	1.05	2057	CFM	2751	2708	2661	2598	2543	2490	2432	2365	2294	2125	1935	1698	1364	—	—
			Sones	25.0	23.0	22.0	22.0	22.0	21.0	20.0	20.0	19.8	18.7	18.0	18.0	18.5	—	—
1 1/2	1.57	2351	CFM	3144	3106	3069	3020	2965	2917	2871	2825	2771	2653	2507	2351	2108	1977	1720
			Sones	35.0	30.0	28.0	28.0	27.0	27.0	25.0	23.0	24.0	23.0	22.0	22.0	22.0	24.0	27.0

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.