



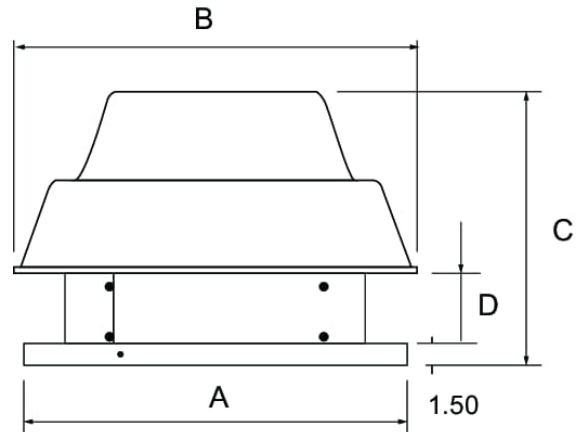
Direct Drive Downblast Power Roof Ventilators

- All ventilators are UL 705 listed
- One-piece removable exhaust hood
- Inlet temperatures up to 170°F
- Backward inclined aluminum fan wheel
- Equipped with a built-in bird screen to protect discharge
- Externally cooled motor compartment

Technical parameters

Nominal data	
Voltage (nominal)	115 V
Frequency	60 Hz
Phases	1~
Input power	90 W
Input current	1.5 A
Impeller speed	1,661 rpm
Air flow	max 417 cfm
Temperature of transported air	max 170 °F
Protection/Classification	
Enclosure class, motor	IP54
Insulation class	B
Certificate	AMCA Air, AMCA Sound, UL Standard 705 & 762, Complies with NFPA 96
Dimensions and weights	
Weight	29 lb
Optional	
Motor type	AC

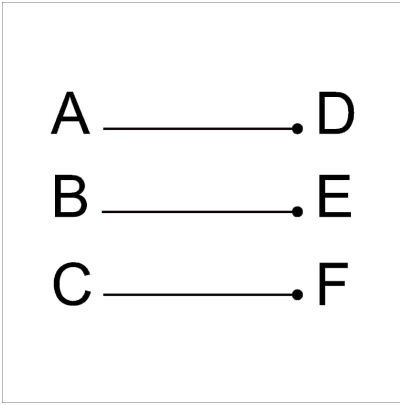
Dimensions



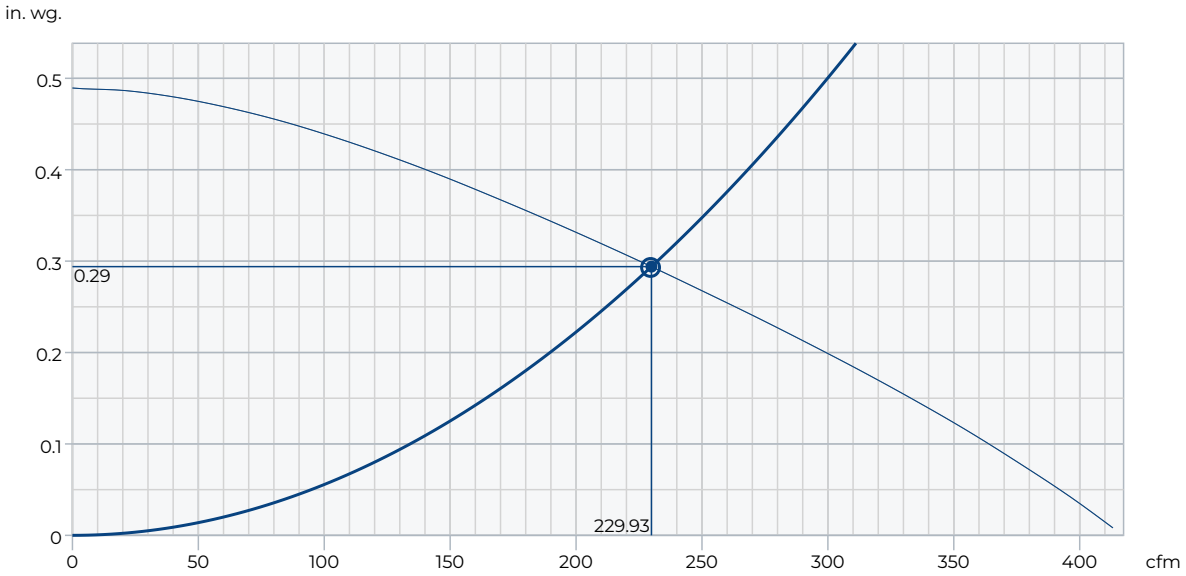
Model	A	B	C	D
5DDD 085A	19	18 7/8	13 1/4	3 1/2
5DDD 106A	19	22 3/8	16 1/2	3 3/8
5DDD 10AA	19	22 3/8	16 1/2	3 3/8
5DDD 12CA	22	24 1/4	17 1/8	4
5DDD 13DB	22	25 5/8	18 1/8	4 3/8
5DDD 15CA	26	27 7/8	18 1/2	4 3/8
5DDD 16DB	26	29 3/4	20 1/4	4 3/4
5DDD 18EB	30	31 5/8	21 3/8	5 5/8

Dimensions in inches

Wiring



Performance curve



Performance data

Required air flow	230 cfm
Required static pressure	0.29 in. wg.
Working air flow	230 cfm
Working static pressure	0.29 in. wg.
Air density	0.075 lb/ft ³
Power	89 W
Fan control - RPM	1,661 rpm
Airflow efficiency	2.6 cfm/W

Sound power level

	63	125	250	500	1k	2k	4k	8k	Total
Inlet	37	51	63	60	63	57	55	44	68

AHU Accessories

- 5ACC03SC Speed control (47185)
- 5ACC12RD Roof Mount Damper (47196)
- 5ACC17FT Fixed Non-Vented Curb (47207)

- 5ACC 01MS Motor disc. switch (47182)
- 5ACC17FS Fixed Non-Vented Curb (47206)

Documents

- 481806 PRV OIPM EN
- 47386.dxf
- SDDD Submittal Sheet