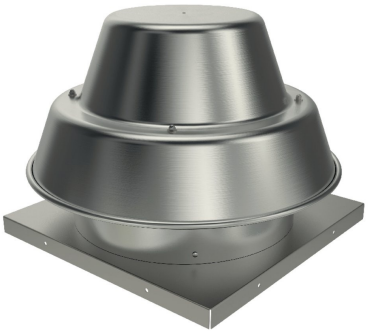
5DDD085A w/BS D/blast Roof Fan

Item #: 47386

Variant : 115V 1~ 60Hz



Description

- All ventilators are UL 705 Standard 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

Application

Direct-drive downblast ventilators are designed for use where steady exhaust ventilation is needed under low to moderate static pressure conditions. Ventilators can be mounted on the roof or wall.

Design

All models are equipped with a backward inclined aluminum fan wheel and a speed controllable motor.

Certification

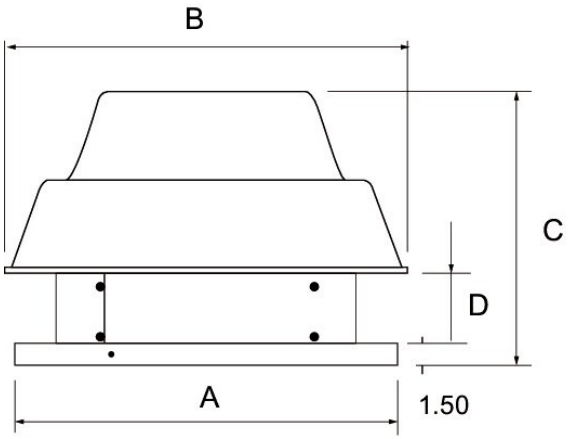
All models are UL 705 listed.

Find more details in our online catalogue

Technical parameters

Norminal data		
Voltage (nominal)	115	V
Frequency	60	Hz
Phase(s)	1~	
Input power	90	W
Input current	1.5	A
Impeller speed	1,661	r.p.m.
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

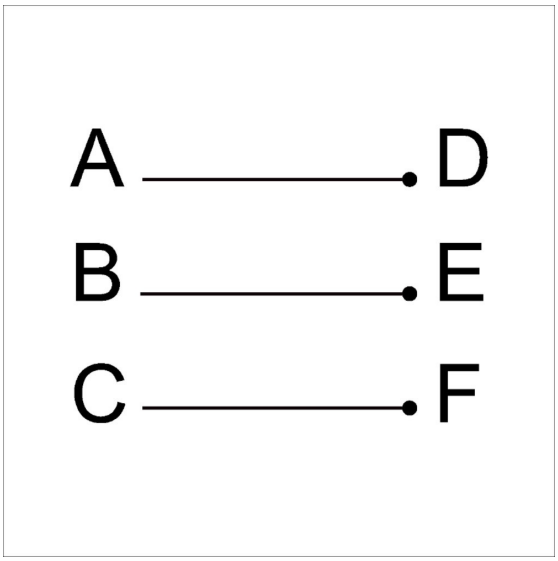
Dimensions



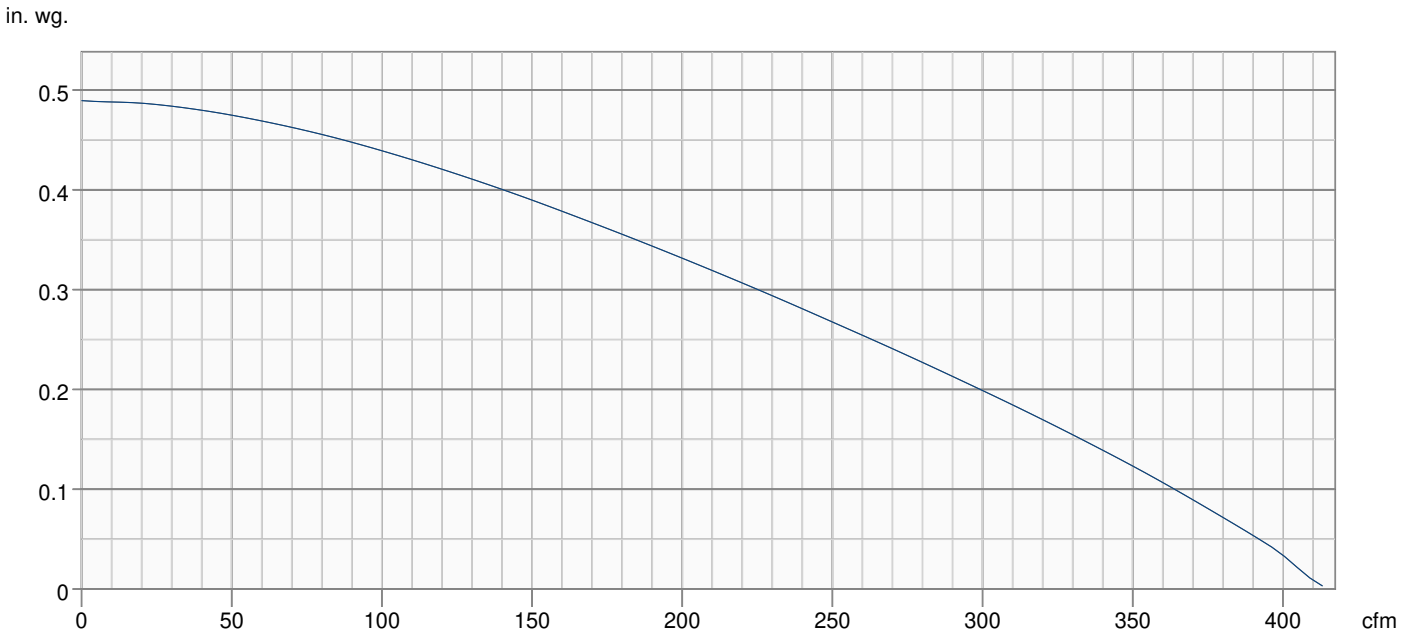
Model	A	B	C	D
5DDD 085A	19	18 7/8	13 1/4	3 1/2
5DDD 106A	19	22 3/8	16 1/2	3 3/8
5DDD 10AA	19	22 3/8	16 1/2	3 3/8
5DDD 12CA	22	24 1/4	17 1/8	4
5DDD 13DB	22	25 5/8	18 1/8	4 3/8
5DDD 15CA	26	27 7/8	18 1/2	4 3/8
5DDD 16DB	26	29 3/4	20 1/4	4 3/4
5DDD 18EB	30	31 5/8	21 3/8	5 5/8

Dimensions in inches

Wiring



Performance curve



Hydraulic data	
Required air flow	-
Required static pressure	-
Working air flow	-
Working static pressure	-
Air density	0.075 lb/ft³
Power	-
Fan control - RPM	-
Current	-
Airflow efficiency	-
Control voltage	-
Supply voltage	-

Accessories

5ACC 01MS Motor Disc. Switch (47182)
5ACC12RD Roof Mount Damper (47196)
5ACC17FT Fixed Non-Vented Curb (47207)
5ACC03SC Speed Control (47185)
5ACC17FS Fixed Non-Vented Curb (47206)

Documents

481806 PRV OIPM EN.PDF
47386.dxf