

5DDU16DB UPBLAST ROOF FAN

Item no. 47342

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Description

- All ventilators are listed UL 705
- All ventilators except 5DDU 085AY are UL 762 listed
- Inlet temperatures up to 300°F
- Backward inclined aluminum fan wheel
- Externally cooled motor compartment
- Fully welded windband

Direct-drive upblast ventilators are designed for continuous operation to exhaust foul air, smoke, fumes, odors and grease-laden vapors from range hoods and commercial cooking appliances. Ventilators are designed for installation in industrial, institutional and commercial kitchen applications. All models are equipped with a backward inclined aluminum fan wheel and a speed controllable motor.



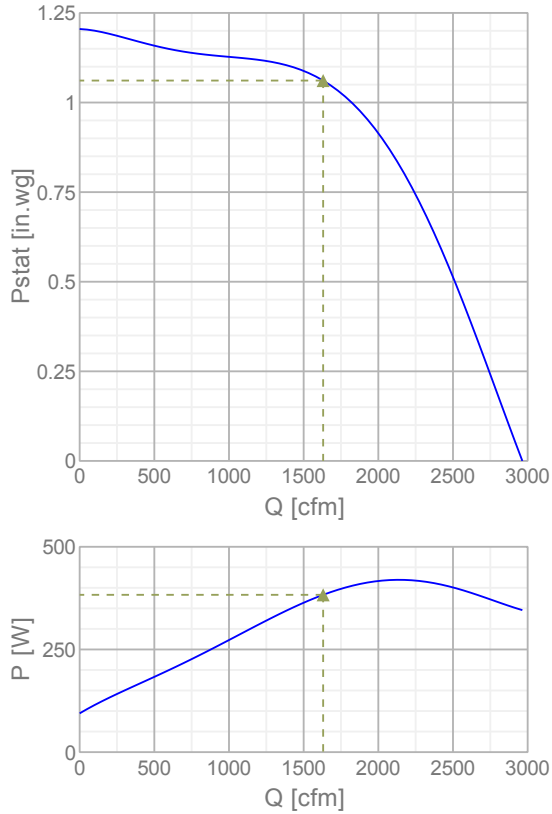
Technical parameters

Nominal data		
Voltage	115/230	V
Frequency	60	Hz
Phase	1	~
Input power (P1)	420	W
Current	6.2/3.1	A
Max. airflow	2964	cfm
Fan impeller speed	1145	r.p.m.
Weight	80	lbs.
Temperature data		
Max. temperature of transported air	300	°F
Others		
Certificate	AMCA Air, AMCA Sound, UL Standard 705 & 762, Complies with NFPA 96	

Default group		
Insulation class	B	
Enclosure class, motor	IP54	IP

Performance

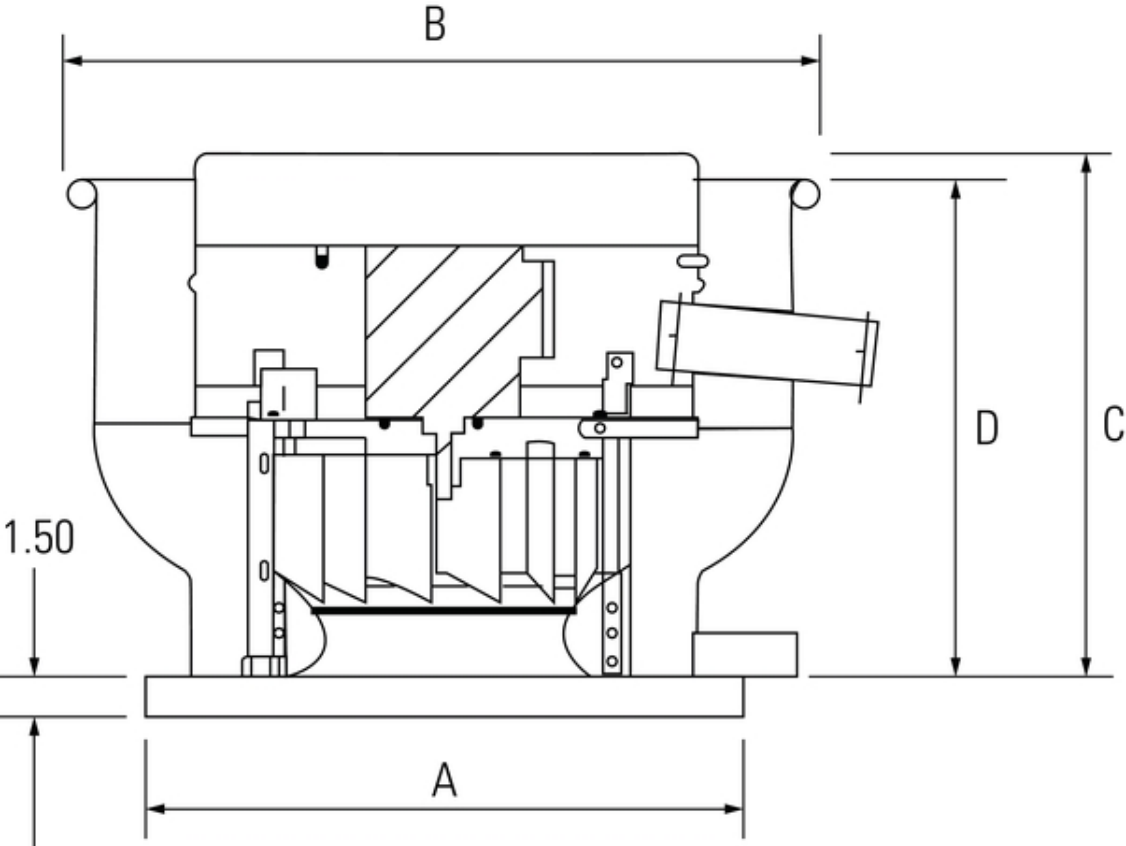
Diagrams



Max efficiency

Hydraulic data										
▲ Working air flow		1630 cfm								
▲ Working static pressure		1.06 in.wg								
▲ Power		383 W								
Speed		1145 r.p.m.								
Current		- A								
SFP		0.235 W/(cfm)								
Voltage		115 V								
Sound power level		63	125	250	500	1k	2k	4k	8k	Tot
Inlet	dB(A)	-	-	-	-	-	-	-	-	-
Loudness										

Dimensions

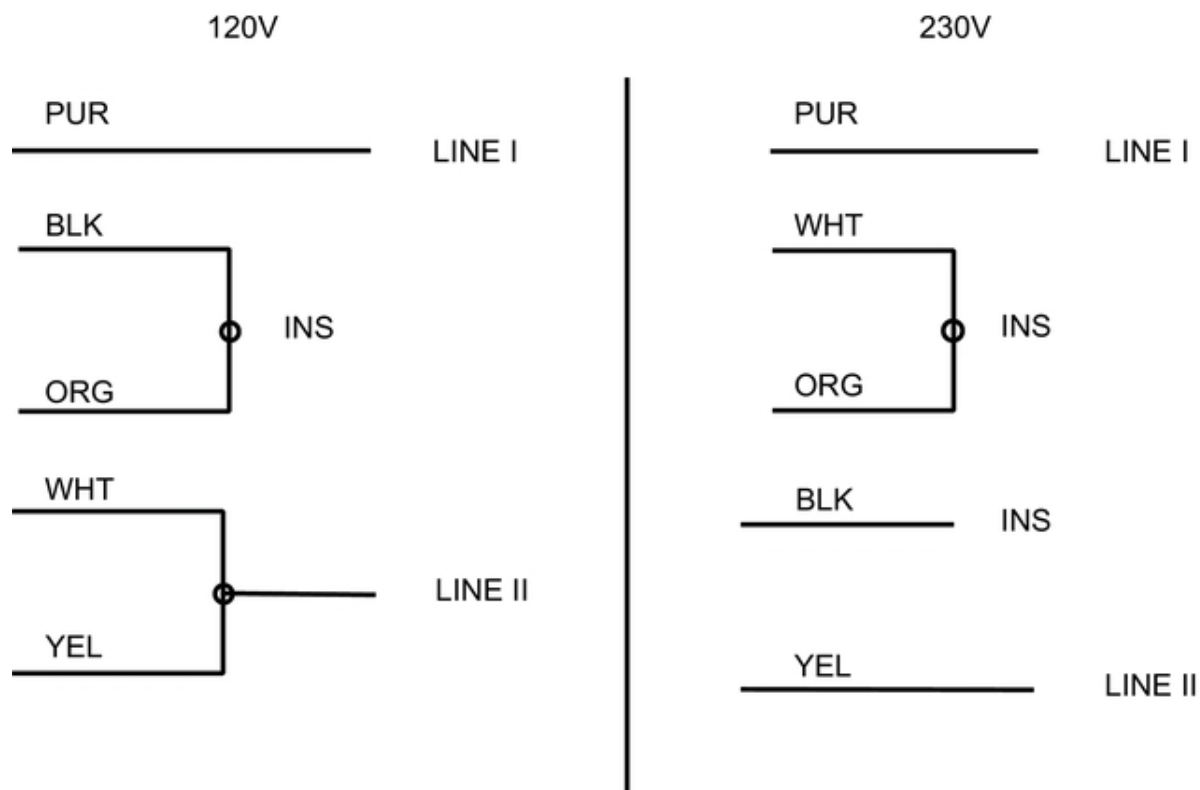


Model	A	B	C	D
5DDU 085AY	19	20 1/2	12 1/8	10
5DDU 106A	19	23 7/8	18 7/8	16 7/8
5DDU 10AA	19	23 7/8	18 7/8	16 7/8
5DDU 12CA	22	26 1/8	19 5/8	17 3/4
5DDU 13DB	22	27 7/8	20 3/4	18 1/2
5DDU 15CA	26	29 7/8	22	19 3/8
5DDU 16DB	26	31 3/4	22 3/4	20 1/8
5DDU 18EB	30	34	24	21 1/8

Dimensions in inches

Wiring

CONNECTIONS



**MOTOR IS NON-REVERSIBLE
CCW ROTATION SHAFT END**

Accessories

Electric accessories

[5ACC 01MS Motor Disc. Switch \(47182\)](#)

Accessories

[5ACC19RD Roof Mount Damper \(47210\)](#)

[5ACC00HK Hinge Kit \(47179\)](#)

[5ACC24FT Fixed Non-Vented Curb \(47941\)](#)

[5ACC00GC Grease Collector \(47178\)](#)

[5ACC24FS Fixed Non-Vented Curb \(47217\)](#)

[5ACC24VC Fixed Vented Curb \(47219\)](#)

Documentation



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