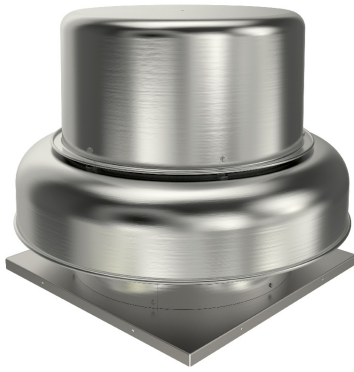


5BDD18 Shell

Item #: #49815

Operating Mode: 1.5 hp



Belt Drive Downblast Power Roof Ventilator

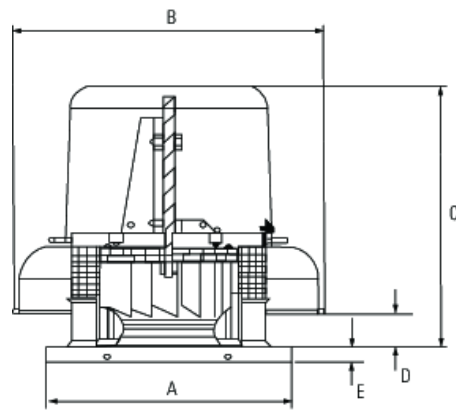
- All ventilators are UL 705 listed
- Durable spun aluminum construction with steel support braces
- Inlet temperatures up to 170°F
- Backward inclined aluminum fan wheel
- Equipped with a built-in bird screen to protect discharge
- Externally cooled motor compartment

[Find more details in our online catalogue](#)

Technical parameters

Nominal data	
Voltage (nominal)	230 V
Frequency	60 Hz
Phases	1~
Air flow	max 4,933 cfm
Temperature of transported air	max 170 °F
Protection/Classification	
Insulation class	B
Dimensions and weights	
Weight	95 lb
Optional	
Motor type	AC

Dimensions

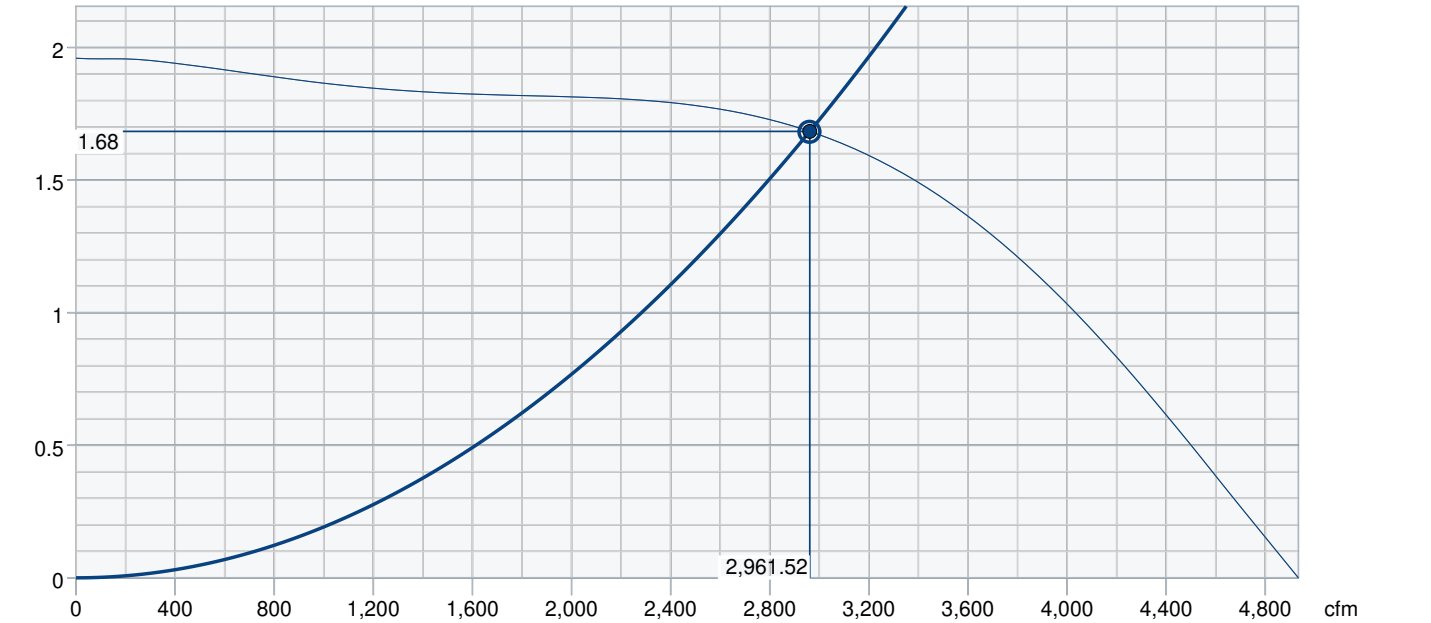


Model	A	B	C	D	E
5BDD 10	19	25 3/4	22 7/8	3	1 1/2
5BDD 12	22	28	23 3/8	3	1 1/2
5BDD 13	22	29 3/4	24 5/8	3 1/4	1 1/2
5BDD 15	26	31 11/16	27 3/8	3 3/4	1 1/2
5BDD 16	26	33 11/16	27 3/4	4 3/16	1 1/2
5BDD 18	30	36	29 5/8	4 3/4	1 1/2
5BDD 20	30	38 1/4	30 1/4	5 1/4	1 1/2
5BDD 24	34	44 1/4	33	6 11/16	1 1/2
5BDD 30	42	51 7/16	37 1/2	8 13/32	1 1/2
5BDD 36	46	60	41 5/8	10 1/2	1 1/2

Dimensions in inches

Performance curve

in. wg.



Hydraulic data	
Required air flow	2,960 cfm
Required static pressure	1.68 in. wg.
Working air flow	2,962 cfm
Working static pressure	1.68 in. wg.
Air density	0.075 lb/ft³
Power	1,077 W
Fan control - RPM	1,338 rpm
Airflow efficiency	2.8 cfm/W
Control voltage	120.0 V
Supply voltage	120 V

Accessories

5ACC 01MS Motor disc. switch (47182)	5ACC 02MS Motor disc. switch (47183)
5ACC23RD Roof Mount Damper (47215)	5ACC28FS Fixed Non-Vented Curb (47221)
5ACC28FT Fixed Non-Vented Curb (47222)	DP-18"-CB Drive Pack (49017)
DP-18"-DB Drive Pack (49018)	DP-18"-DX Drive Pack (49019)
DP-18"-EB/EX Drive Pack (49020)	DP-18"-FB/FX Drive Pack (49022)
DP-18"-GB Drive Pack (49024)	DP-18"-GX Drive Pack (49025)
DP-18"-HX Drive Pack (49026)	MOT CB- 4526 PACKAGED 1/3HP (49909)
MOT DB- 4527 PACKAGED 1/2HP (49910)	MOT DX - 1416 PACKAGED 1/2HP (49911)
MOT EB - 5348 PACKAGED 3/4HP (49912)	MOT EX - 4342 PACKAGED 3/4HP (49913)
MOT FB - 5347 PACKAGED 1 HP (49914)	MOT FX - 4037 PACKAGED 1 HP (49915)
MOT GB - 5343 PACKAGED 1.5 HP (49916)	MOT GX - 4039 PACKAGED 1.5 HP (49917)
MOT HX - AT66 PACKAGED 2 HP (49918)	

Documents

481806 PRV OIPM EN
49815.dxf
5BDD Submittal Sheet EN.pdf