



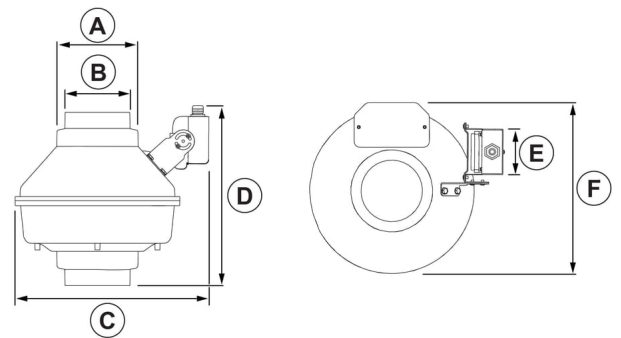
Various models to boost air in long ductwork on demand

- Pressure Sensing Switch (all models)
- DBF 110 supports duct runs up to 108 linear feet
- DBF 4XI and DBF 4XLT support duct runs up to 125 linear feet
- Galvanized Metal Housing (DBF 4XL, DBF 4XLT)
- 5-ft Power Cord (DBF 4XL, DBF 4XLT)
- Indicator Panel (DBF 4XLT)
- Performance certified by HVI, Conforms to UL507
- Not listed to the UL-705 DEDPV supplement

Technical parameters

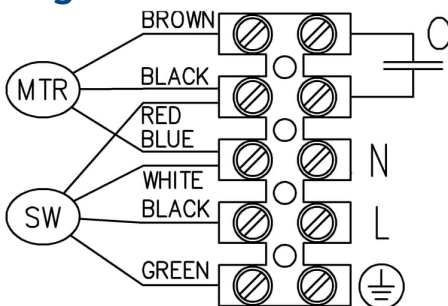
Nominal data	
Voltage (nominal)	120 V
Frequency	60 Hz
Phases	1~
Input power	66 W
Input current	0.59 A
Impeller speed	2,143 rpm
Air flow	max 180 cfm
Temperature of transported air	max 140 °F
Protection/Classification	
Enclosure class, motor	IP44
Insulation class	B
Dimensions and weights	
Duct dimension; Circular, inlet	4 in.
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Duct dimension; Circular, outlet	4 in.
Weight	9 lb
Optional	
Duct connection type	Circular
Motor type	AC
Material	Plastic

Dimensions



A	B	C	D	E	F
5 (127)	4 (102)	11-7/8 (302)	11 (279)	2-7/8 (73)	10-1/2 (267)
Dimensions are in inches (mm).					

Wiring

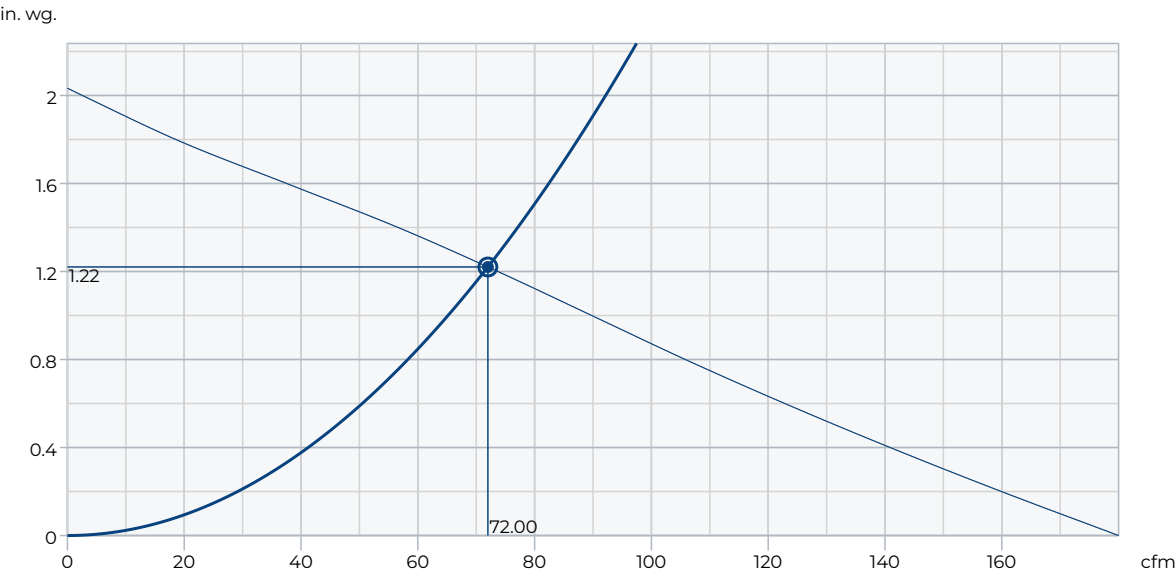


Performances

HVI Certified Rating(s)

Static Pressure (In. Wg.)	Rated Airflow (CFM)	Rating (V)
0.20	160	66

Performance curve



Performance data	
Required air flow	72 cfm
Required static pressure	1.22 in. wg.
Working air flow	72 cfm
Working static pressure	1.22 in. wg.
Air density	0.075 lb/ft³
Power	58 W
Fan control - RPM	2,320 rpm
Airflow efficiency	1.2 cfm/W
Supply voltage	120 V

AHU Accessories

HS 4W External Louver Exhaust (4515)

Documents

- 450379 DBF110 Submittal Sheet EN
- 142000 DBF110 IOM EN
- DBF CSI Specification
- E1939 Ventilation Solutions Laundries EN