

DBF 110 Dryer Exhaust Fan

Item Number: [95900](#)

Variant: 120V 1~ 60Hz



DBF 110 is a dryer exhaust fan. It helps your dryer run efficiently while removing the warm and moist air from the dryer duct.

The fan should be added in the dryer duct run when the length of the run exceeds 40 feet with no bends, 35 feet with one bend or 30 feet with two bends. The fan can be used to effectively maintain dryer exhaust in duct runs up to 108 linear feet.

The DBF 110 features a plastic leak proof housing and a pressure switch that automatically activates the exhaust fan once the dryer is on.

Performance certified by HVI; safety certified by ETL to UL507.

Some helpful tips to take into account while installing the dryer exhaust fan DBF 110:

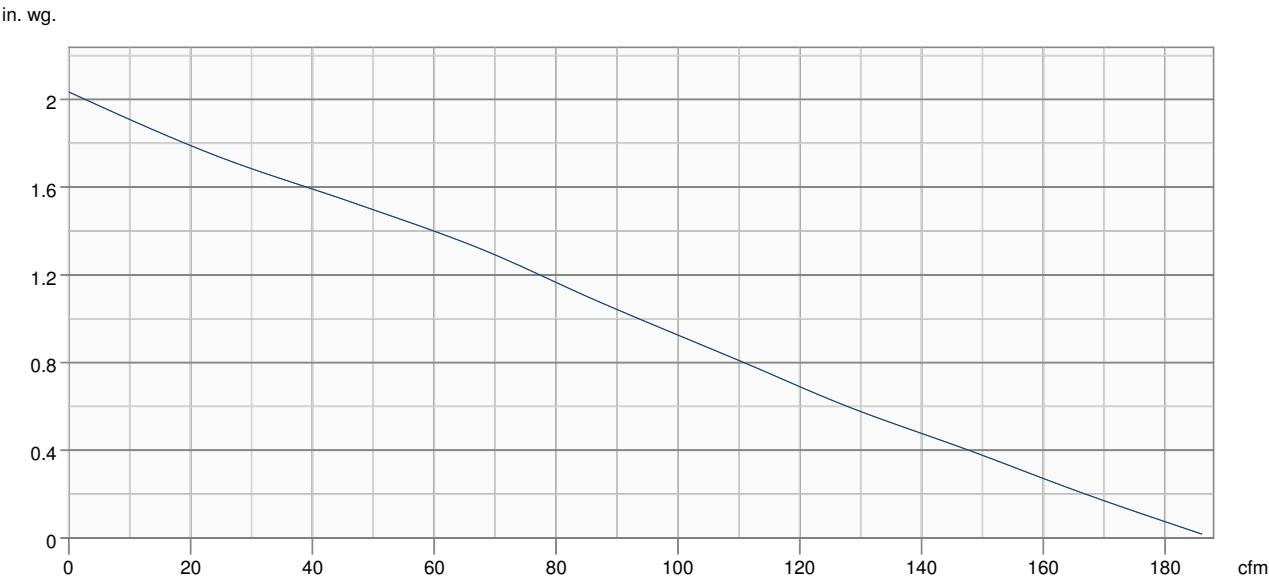
- Avoid using rigid PVC pipes or flexible ducts. Use only steel or aluminium ducts rated for dryer use. These ducts have smooth walls, so lint is less likely to build up.
- If you are running your dryer duct through an unconditioned space, make sure you wrap it in insulation. If the duct stays warm, it will be less likely to form condensation and collect lint.
- To avoid clogging lint over the exhaust fan impeller, install a secondary lint trap DBLT 4W. It filters the air, catches the lint and protects the fan and ductwork. The less lint accumulation, the better your dryer performs.



Technical parameters

Norminal data		
Voltage (Nominal)	120	V
Frequency	60	Hz
Phase(s)	1~	
Input power	65	W
Input current	0.54	A
Impeller speed	2,175	r.p.m.
Air flow	max 188.0	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.
Duct dimension; Circular, outlet	4	in.
Weight	9	lb
Optional		
Duct connection type	Circular	

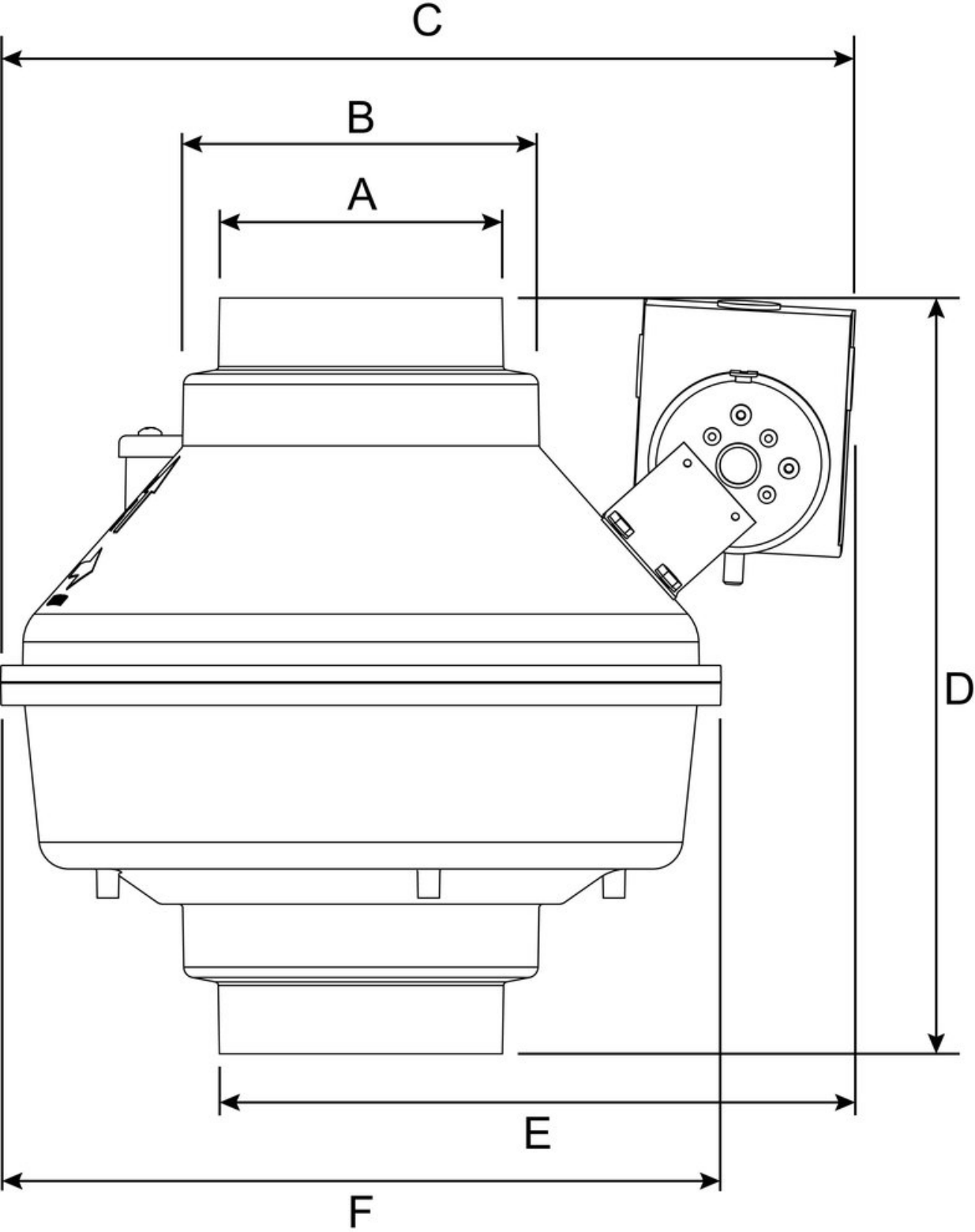
Performance curve



Hydraulic data

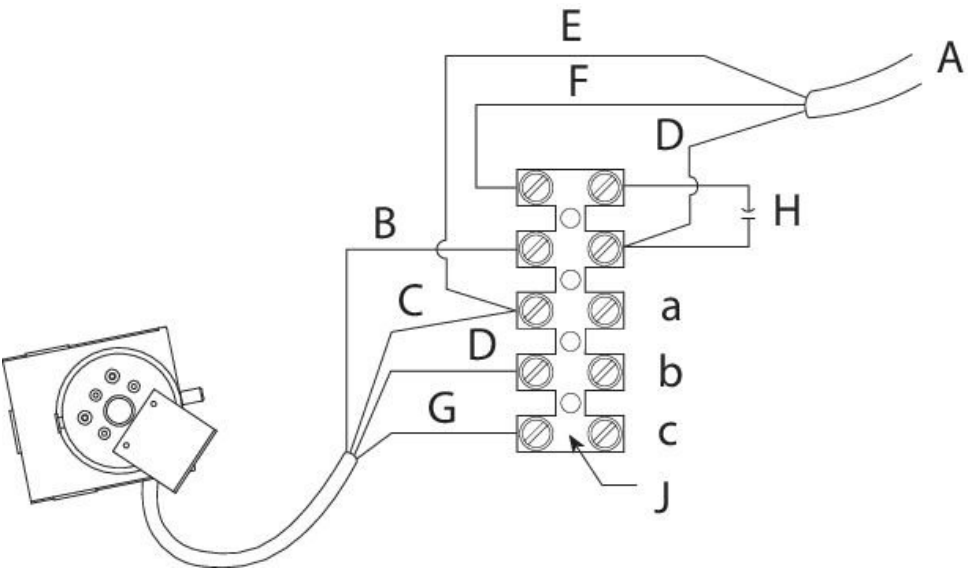
Required air flow	-
Required static pressure	-
Working air flow	-
Working static pressure	-
Air density	0.075 lb/ft³
Power	-
Fan control - RPM	-
Current	-
SFP	-
Control voltage	-
Supply voltage	-

Dimensions



Model	A	B	C	D	E	F
DBF 110	3 31/32 (100)	4 31/32 (126)	12 3/4 (324)	11 1/4 (286)	9 3/4 (248)	10 (250)
Dimensions are in inches (mm)						

Wiring



Posit ion	A	B	C	D	E	F	G	H	J	TK	U 2	Z2	a	b	c
Descr iption	Po we r	R e d	W h i t e	Bl a c k	Bl u e	Br o w n	Gr e e n	Capa ci tor	Termin al box	Bl a c k	Bl u e	Bro wn	Neu tral	Li n e	Gro und
Diagram 1	Fan Only														
Diagram 2	Fan and Pressure Switch														

Accessories

- [DBLT4W Secd Lint Trap \(46000\)](#)
- [HS 4W External Louver Exhaust \(45151\)](#)

Documents

- [142000 DBF DB4XL OIPM EN.PDF](#)