

FG 8 Centrifugal Inline Fan

Item #: 40408

Variant : 120V 1~ 60Hz



Description

A multi-purpose inline duct fan for exhaust or supply air; ideal for commercial and residential ventilation applications.

- Durable, leak-free, low noise operation
- Suitable for indoor installations
- Mount the fan at any angle/direction within the ductwork
- Built-in thermal overload protection with automatic reset
- Operable in air stream temperatures up to 140°F
- Mounting bracket and hardware included
- Five-year factory warranty

With the motor in the airstream, the fan provides constant dissipation of heat build-up that gives the fan first-in-class longevity and reliability backed by an industry leading warranty. The fan's motor bearings are permanently sealed and...

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

Technical parameters

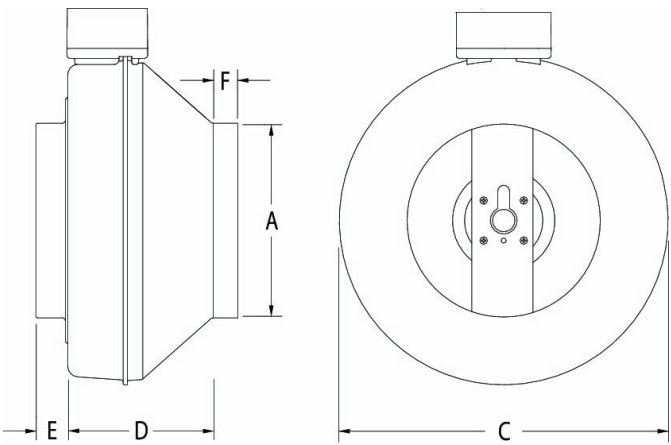
Nominal data		
Voltage (nominal)	120	V
Frequency	60	Hz
Phases	1~	
Input power	116	W
Input current	0.99	A
Impeller speed	2,618	rpm
Air flow	max 462	cfm
Temperature of transported air	max 140	°F
Max temperature of transported air, when speed controlled	140	°F
Protection/Classification		
Enclosure class, motor	IP44	
Insulation class	B	
Dimensions and weights		
Duct dimension; Circular, inlet	8	in.
Duct dimension; Circular, outlet	8	in.
Weight	8.2	lb
Optional		
Duct connection type	Circular	

Performances

CFM Table

Model	0" Ps	0.2" Ps	0.4" Ps	0.6" Ps	0.8" Ps	1.0" Ps	1.5" Ps	2.0" Ps
FG 8	461	410	351	295	243	191	97	14
FG 10	513	480	444	407	366	324	216	90
FG 12XL	940	880	819	746	670	596	425	400

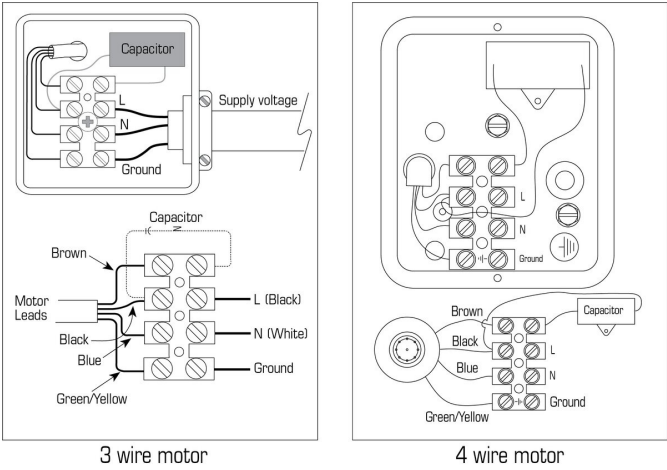
Dimensions



Model	A	C	D	E	F
4	4 (101)	8 1/2 (216)	6 1/2 (165)	1 (25)	1 (25)
4XL	4 (101)	9 3/4 (248)	6 15/16	1 (25)	1 (25)
5	5 (127)	8 5/8 (219)	6 1/2 (165)	1 (25)	1 (25)
5XL	5 (127)	9 3/4 (248)	6 (152)	1 1/8 (29)	1 1/8 (29)
6	6 (152)	11 3/8 (289)	6 1/4 (159)	1 (25)	7/8 (22)
6XL	6 (152)	13 1/8 (333)	7 (178)	1 (25)	1 (25)
6M	6 (152)	13 1/8 (333)	7 (178)	1 (25)	1 (25)
8	8 (203)	13 1/4 (337)	6 (152)	1 (25)	1 (25)
8XL	8 (203)	13 1/4 (337)	6 (152)	1 1/8 (29)	1 (25)
10	10 (254)	13 1/4 (337)	4 3/4 (121)	1 1/8 (29)	1 (25)
10XL	10 (254)	13 1/4 (337)	4 13/16 (122)	1 1/4 (32)	1 (25)
12XL	12 (305)	16 (406)	6 11/16 (170)	1 1/2 (38)	1 (25)

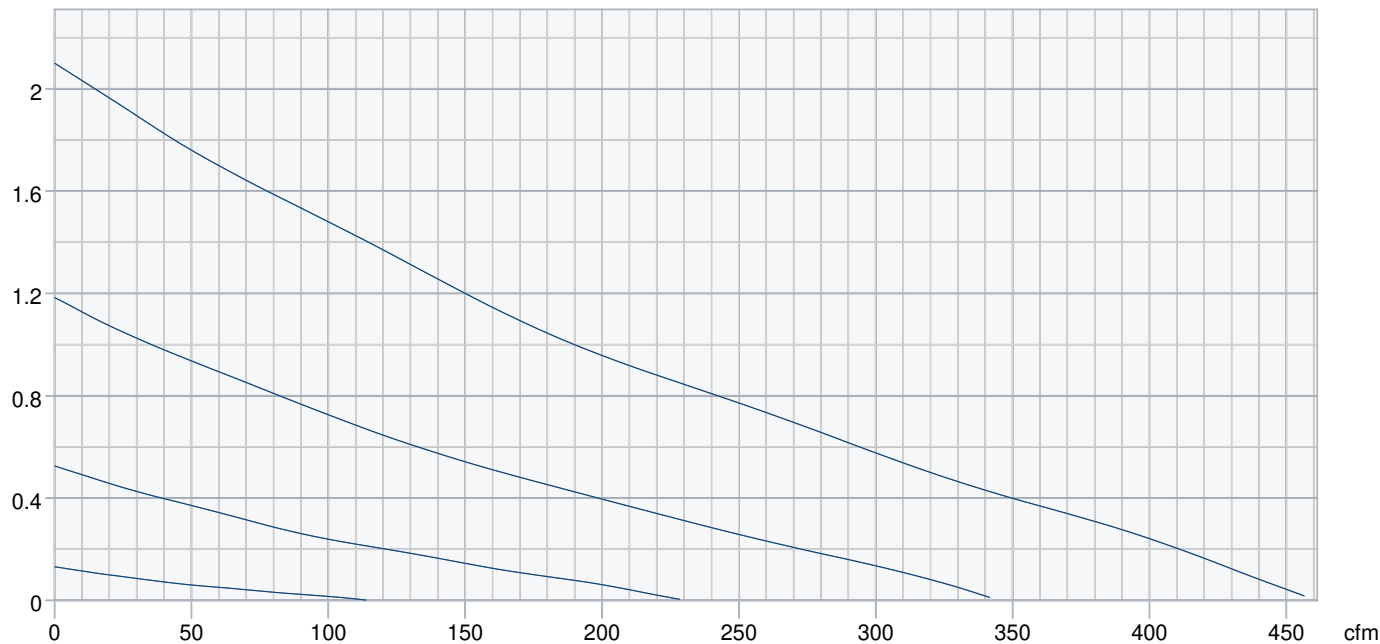
Dimensions are in inches (mm).

Wiring



Performance curve

in. wg.



Hydraulic data	
Air density	0.075 lb/ft³

Accessories

FAT10 Attic thermostat (411233)	FD60EM Electronic timer (411386)
IPF05 Speed control (484164)	VT20M Bath fan control (45386)
WC 15 Speed control (411102)	FML 8 Metal Hood Supply Air (45148)
HL 30 Kitchen Hood Liner (56048)	HL 36 Kitchen Hood Liner (56047)
HL 42 Kitchen Hood Liner (56046)	RSK 8 Backdraft Damper (411115)
ADC 8 Shut-off Damper w Motor (44690)	FC 8 Mounting Clamps (2 pcs) (411121)
FGR 8" Filter Cassette (44684)	IG 8 Inlet Guard (411127)
IR 8 Iris Damper (411237)	LD 8 Silencer (411125)
MGE 8 Metal Exhaust Grill (411244)	MGS 6 Metal Supply Grill (411242)
MGS 8 Metal Supply Grill (411243)	PBH4 Bath Fan Grill w/ Hal (412262)
PBL10-4 Bath Fan Grill w/ LED (44952)	PBL74 Bath Fan Grill w/ LED (44951)
PBV4 Bath Fan Grill (412260)	PBV6 Bath Fan Grill (412261)
DHS 05 Humidity/Fan control (494044)	

Documents

450369 FG Submittal Sheet EN.pdf
400017 FG/K OIPM EN FR ES.PDF