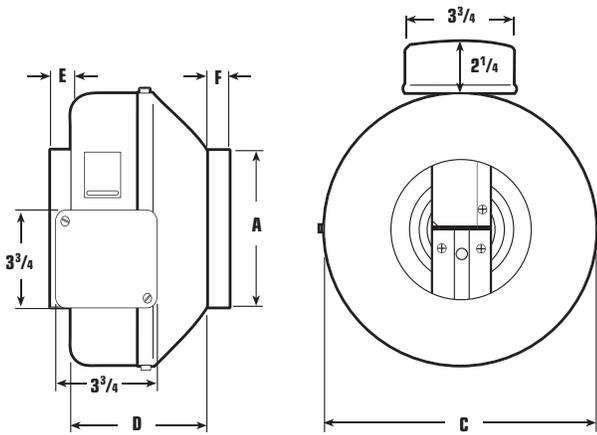




SUBMITTAL DATA

FG SERIES

Inline Centrifugal Fans



STANDARD FEATURES

- Airtight galvanized steel housing
- Powered by external rotor motorized impeller
- Permanently lubricated sealed ball bearings
- 100% speed controllable
- Automatic reset thermal overload protection
- Prewired electrical box
- Five-year factory warranty

Model	A	C	D	E	F	Metal Gauge	Avg Wt. (lbs.)	Energy Star
FG 4	3 7/8	8 3/4	6 1/2	1	1	22	7	✓
FG 4XL	3 7/8	9 3/4	6 15/16	1	1	22	8	
FG 5	4 7/8	8 3/4	5 1/2	1	1	22	7	✓
FG 5XL	4 7/8	9 3/4	5 15/16	1	1	22	8	
FG 6	5 7/8	11 3/8	6	1	1	22	10	✓
FG 6M	5 7/8	13 1/8	6 5/8	1	1	22	12	✓
FG 6XL	5 7/8	13 1/8	6 5/8	1	1	22	12	✓
FG 8	7 7/8	13 3/8	6	1 1/8	1 1/8	22	12	✓
FG 8XL	7 7/8	13 3/8	6	1 1/8	1 1/8	22	13	✓
FG 10	9 7/8	13 3/8	4 11/16	1 1/8	1	22	12	✓
FG 10XL	9 7/8	13 3/8	5 7/8	1 1/8	1	22	14	✓
FG 12	11 7/8	16	8 1/4	1 1/16	1 3/16	22	18	✓
FG 12XL	11 7/8	16	8 1/4	1 1/16	1 3/16	22	21	✓



Look for Energy Star models in dimensional data chart.

All dimensions in inches.

Fan Specifications							Motor Specifications				
Line	Qty	Model No.	Tag	CFM	SP	Fan RPM	Watts	Volts	Phase	Hertz	Encl
1											
2											
3											
4											
5											

Accessory Items	1	2	3	4	5	Accessory Items	1	2	3	4	5
<input type="checkbox"/>						<input type="checkbox"/>					
<input type="checkbox"/>						<input type="checkbox"/>					
<input type="checkbox"/>						<input type="checkbox"/>					
<input type="checkbox"/>						<input type="checkbox"/>					
<input type="checkbox"/>						<input type="checkbox"/>					

Project: _____ Submitted: _____
 Customer: _____ Approved: _____
 Location: _____



United States 1712 Northgate Blvd. • Sarasota, FL. 34234 • 1.800.747.1762 • www.fantech.net
 Canada 50 Kanalfakt Way • Bouctouche, NB E4S 3M5 • 1.800.565.3548 • www.fantech.ca

Article #: 450369
 Rev Date: 041508

Fantech, reserves the right to modify, at any time and without notice, any or all of its products' features, designs, components and specifications to maintain their technological leadership position.

Fantech FG Series Fans

Description

A centrifugal type exhaust/supply fan specifically designed for moderate size ventilation applications. The fan can be mounted at any angle in any point along the duct work and straight-through air flow design allows easy installation. By using FC type mounting clamps, fan can be easily removed from duct work for service. Fans are constructed in accordance with standard dimensions for spiral duct eliminating the need for transition pieces. Fan motors are capable of operating in air stream temperatures up to 140° F. Motor bearings are a permanently sealed, self lubricating ball type. All fans are 100% speed controllable through a decrease in the voltage by using a solid state or transformer type control. All FG Series fans are backed by **Fantech's Five Year Warranty**.

Guide Specifications for Model FG Inline Duct Fans

Supply, exhaust or return air inline fans shall be of the centrifugal, direct driven type.

Construction

Housing

- Fan housing shall be constructed of heavy gauge galvanized sheet metal.
- Fan shall be supplied with externally mounted electrical terminal box with pre-wired terminal strip connections.
- Capacitor shall be located within electric terminal box.

Motor

- Motorized impeller shall be an external rotor type, class B insulation, enclosed with permanent split capacitor.
- Motor shall be a permanently sealed self lubricating ball bearing type.
- Motor shall be equipped with automatic reset thermal overload protection.
- Motor shall be acceptable for continuous duty.

Wheel

- Fan wheel shall be of the backward inclined centrifugal type with a well designed inlet venturi for maximum performance.
- Motorized impeller shall be both statically and dynamically balanced as one integral unit to provide for vibration free performance.
- Impellers shall be molded of high impact polypropylene.

Performance

- Fan air flow performance shall be based upon tests conducted in accordance with AMCA Standard 211 and 311 and shall be licensed to bear the AMCA Certified Ratings Label.

Code Approval

- Fan shall be tested and approved by UL and CSA (or equal) for safety.

FG Series shall be manufactured under the authority of Fantech, Inc., Sarasota, FL.



Fantech

United States · 1712 Northgate Blvd. · Sarasota FL 34234 · 1-800-747-1762 · www.fantech.net
Canada · 50 Kanalfakt Way. · Boutouche, NB E4S 3M5 · 1-800-565-3548 · www.fantech.ca