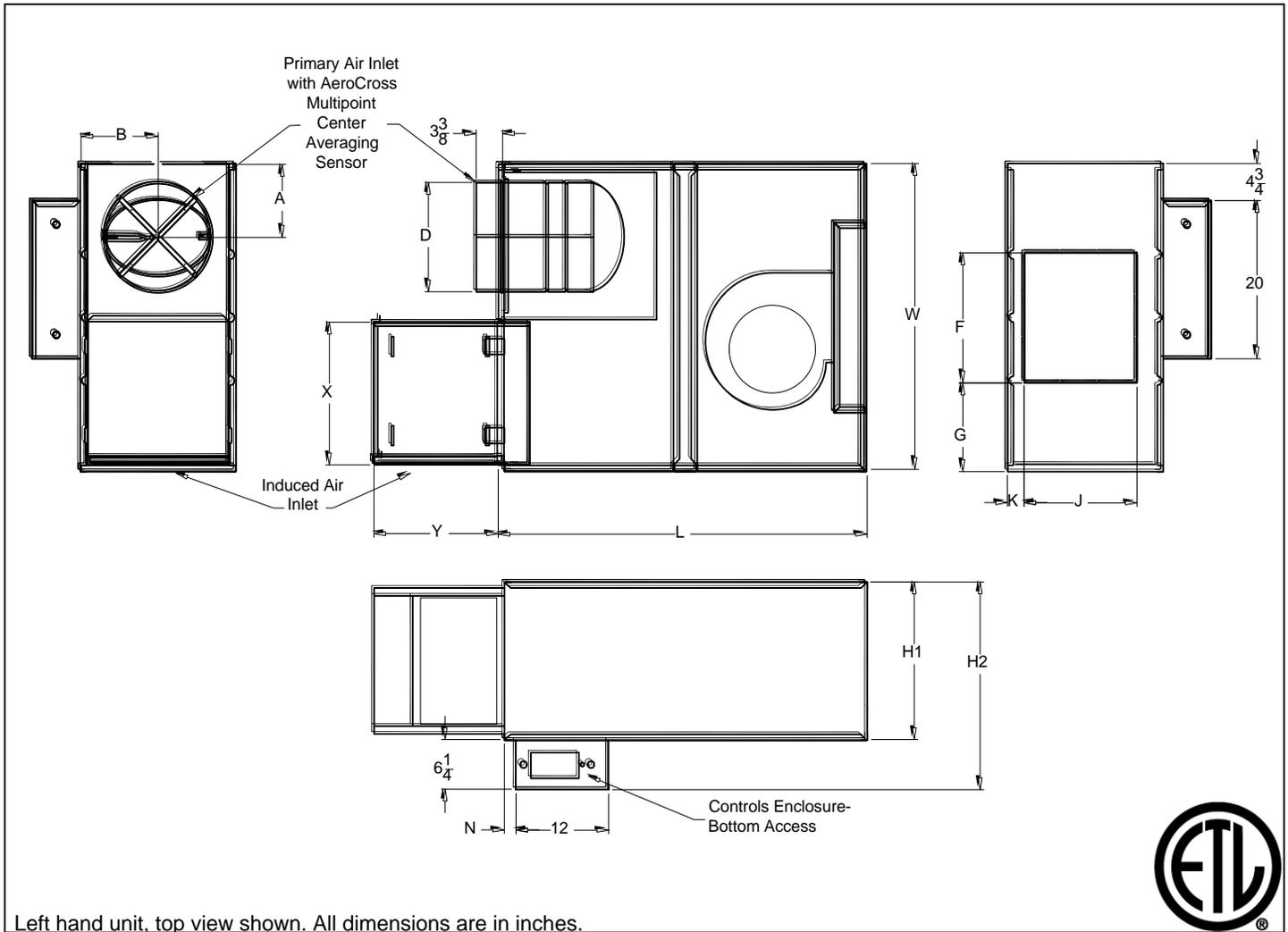


DTFS-F Phantom IQ™ with ECM Motor and Bottom Control Panel

Ultra Quiet Fan Powered Terminal, Series Flow

Direct Digital Control, Pressure Independent



Unit Size	Inlet Size	A	B	D	F	G	H1	H2	J	K	L	N	W	X	Y	Induced Air Inlet		Filter Size
																Height	Width	
B	6	6	8	5 7/8	14	11 1/2	16	22 1/4	11	2 1/4	43	1/2	37	19	13 7/8	12 5/8	8 3/4	11 x 14
	8	7 7/8		1 1/2														
	10	9 7/8		1 1/2														
	12	11 7/8		1 1/2														
C	6	6	8	5 7/8	14	11 1/2	16	22 1/4	11	2 1/4	43	1/2	37	19	13 7/8	12 5/8	8 3/4	11 x 14
	8	7 7/8		1 1/2														
	10	9 7/8		1 1/2														
	12	11 7/8		1 1/2														
D	10	7	10	9 7/8	16 1/2	11 1/4	20	26 1/4	14 5/8	2	46 3/4	1 1/2	39	18 1/8	16 7/8	16 5/8	15 3/4	18 x 17
	12	8		1 1/2														
	14	10		2 1/2														
	16	11		2 1/2														
E	12	8	10	11 7/8	16 1/2	11 1/4	20	26 1/4	14 5/8	2	46 3/4	1 1/2	39	18 1/8	16 7/8	16 5/8	15 3/4	18 x 17
	14	10		2 1/2														
	16	11		2 1/2														

ECM Motor Amperage Ratings

Unit Size	Motor hp	120V/1/60 FLA	208V/1/60 FLA	277V/1/60 FLA
B	1/3	5.0	3.3	2.6
C	1/3	5.0	3.3	2.6
D	1/2	7.7	5.0	4.1
E	3/4	9.6	7.9	5.5

FLA = Full Load Amperage, rated per the motor nameplate

All fan motors are single phase, same voltage as electric coil (when supplied), with exception that 277V motors are used with 480V, 3 phase coils (4 wire wye).

Accessories (Optional)

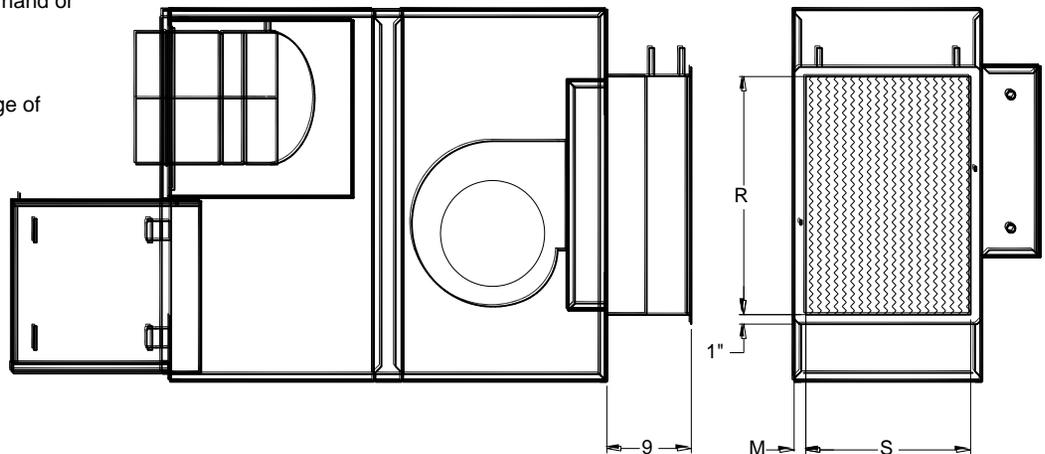
Check if provided.

- | | |
|---|---|
| <input type="checkbox"/> Induced Air Filter, 1" thick, disposable construction type. | <input type="checkbox"/> 1" Fiberglass Liner |
| <input type="checkbox"/> Fan disconnect switch (not available on units with optional electric coils.) | <input type="checkbox"/> 1/2" EcoShield Liner |
| <input type="checkbox"/> Fan unit fusing | <input type="checkbox"/> 1/2" EcoShield Liner (Foil Face) |
| <input type="checkbox"/> Cam Latch for Access Door | <input type="checkbox"/> 1" EcoShield Liner |
| <input type="checkbox"/> Hanger Brackets | <input type="checkbox"/> 1" EcoShield Liner (Foil Face) |
| <input type="checkbox"/> _____ | <input type="checkbox"/> Fibre Free Liner |
| | <input type="checkbox"/> SteriLoc Liner |

Accessories (Optional)

- Hot Water Coil Section
- 1/2" copper tubes
 - Aluminum ripple fins, 10 per inch
 - Connections: Male solder, 5/8" for both 1-row and 2-row. Left hand or right hand connections.
 - Galvanized steel casing
 - Flanged duct connection.
 - Coil is installed on discharge of unit.

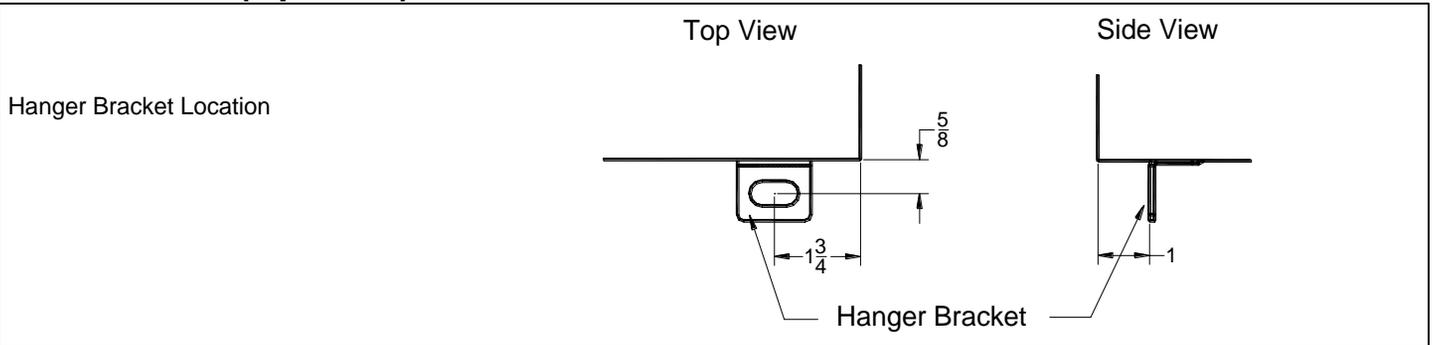
- 1 Row
 2 Row



Unit Size	M (1 row)	M (2 row)	R	S
B,C	1	1	20 1/2	12 1/2
D,E	1	1 1/4	25	17 1/2

R and S are inside dimensions.

Accessories (Optional)



General Description

- Heavy steel casing, with leak resistant construction.
- Dual density insulation, coated to prevent air erosion, meet requirements of NFPA 90A and UL 181.
- Ultra high efficiency, brushless DC ECM motor with a unique microprocessor based motor controller.
- Manual PWM controller allows simple screwdriver adjustment of fan speed.
- Optional remote PWM controller allows for a 0-10 V signal from the DDC controller to adjust the fan speed.
- Efficiencies of up to 70% across the entire operating range.
- Provides a large turndown ratio
- Constant volume regardless of changes in downstream static pressure allows for factory setting of cfm.
- Patent-pending FAST™ attenuator system that greatly reduces radiated sound power levels. The FAST™ attenuator ships assembled inside the casing, pulls out easily and snaps into place for operation.
- Top and bottom access panels can be removed for service.
- Multipoint, center averaging velocity sensor.
- Primary air flow balancing connections.
- Pressure independent primary flow control.
- Single point electrical connections.
- Rectangular discharge opening is designed for flanged duct connections.