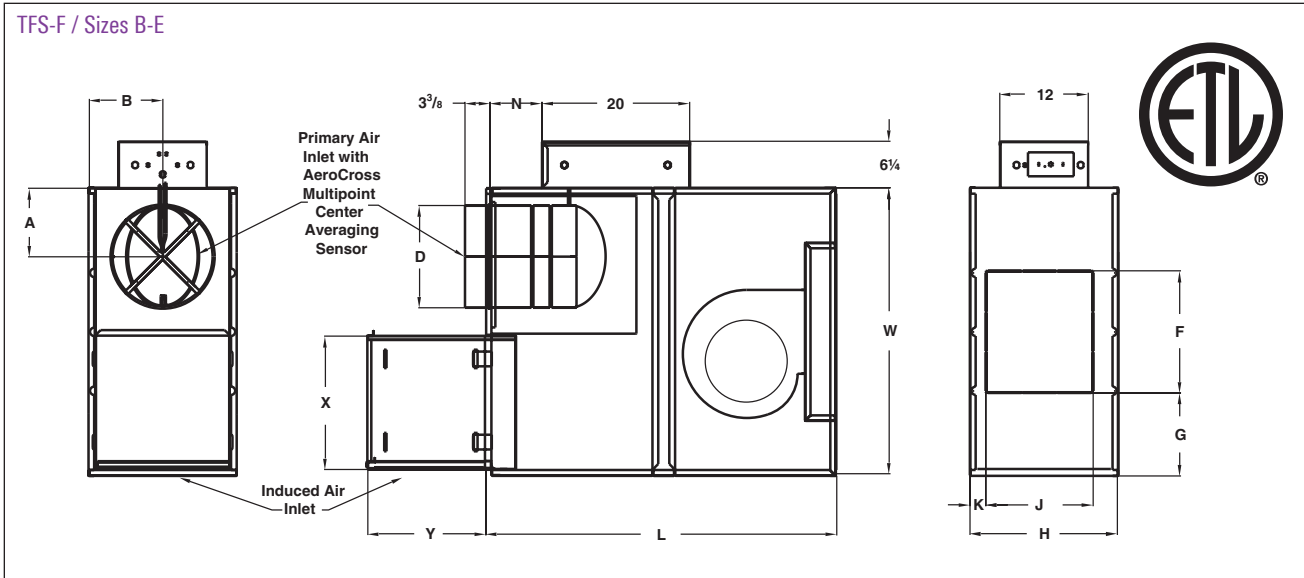


TFS-F FANTOM UNIT DIMENSIONS

TFS-F / Sizes B-E



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

DIMENSIONS

fan powered terminals

HOT WATER COIL SECTION

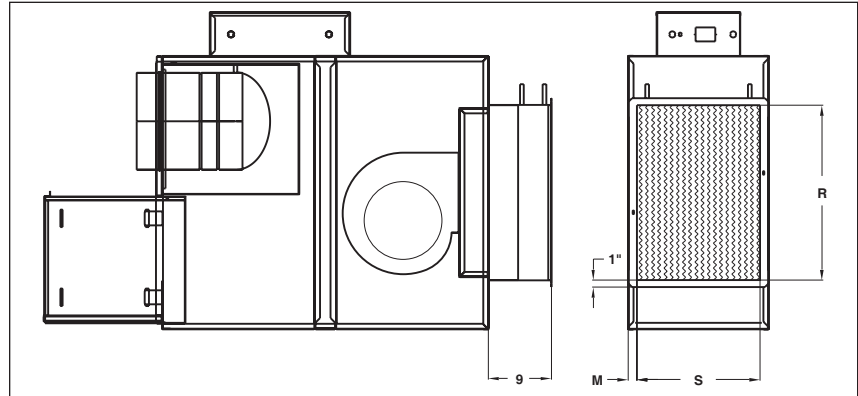
STANDARD FEATURES

- ½" copper tubes
- Aluminum ripple fins
- Connections: Male solder 5/8" for both 1- and 2-row. Left or right hand connections.
- Galvanized steel casing
- Flanged duct connection
- Coil is installed at discharge of unit

COIL ROWS

- 1-Row
- 2-Row

Note: R and S are inside dimensions



Hot Water Coil Section (Discharge Mounted)				
Unit Size	M (1-Row)	M (2-Row)	R	S
B, C	1	1	20½	12½
D, E	1	1¼	25	17½

ELECTRIC COIL SECTION

STANDARD FEATURES

- Auto reset thermal cutouts (one per element)
- 80/20 Nickel chrome heating elements
- Magnetic contactors, where required, on pneumatic units
- Airflow safety switch
- Line terminal block (277/1Ø, 208/240/3Ø, or 480/3Ø 4 wire)
- Flanged connection
- Control transformer for DDC or Analog electronic controls

- Pneumatic electric switch for pneumatic parallel fan terminals only
- Fan relay for DDC fan terminals
- Magnetic contactor per step on terminals with DDC or analog electronic controls

- Optional Lynergy Comfort Controlled SSR Electric Heat available

SUPPLY VOLTAGE

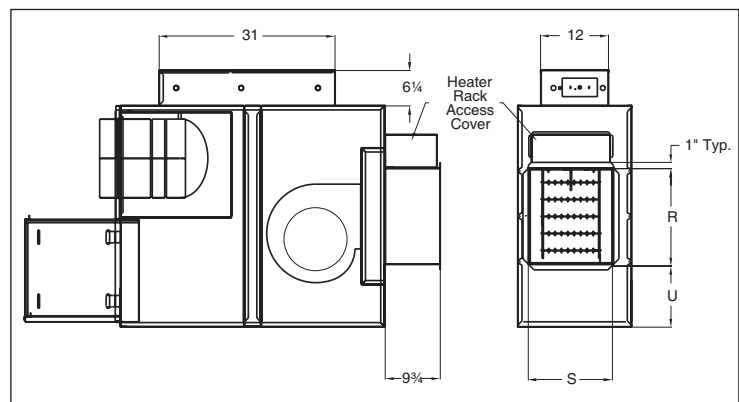
- 208V, 1 ph, 60 Hz.
- 240V, 1 ph, 60 Hz.
- 277V, 1 ph, 60 Hz.
- 208V, 3 ph, 60 Hz.
- 480V, 3 ph, 60 Hz. (4 wire wye only)

OPTIONS

- Interlocking disconnect
- Main power supply fuses
- Mercury contactors
- Manual reset thermal cutout
- Dust-tight construction

Electric Coil Section (Discharge Mounted)				
Unit Size	U	R	S	T
B, C	11¾	14½	11½	2¾
D, E	11	17	15	3⅞

Note: R and S are inside dimensions.
See Electric Heat Coils in Section 0 for more information.



ADDITIONAL ACCESSORIES (OPTIONAL)

- Induced air filter, 1" thick disposable construction type
- Fan disconnect switch (not available on units with optional electric coils)
- 1" Liner
- Fibre-Free Liner
- SteriLoc Liner
- EcoShield liner
- Fan unit fusing
- Hanger brackets
- Camlocks on fan access door

Electrical Data				
Unit Size	Motor HP	120V	208/240V	277V
		FLA	FLA	FLA
B	1/6	2.3	0.9	0.8
C	1/4	4.0	1.8	1.4
D	1/3	8.5	3.6	3.0
E	3/4	8.6	4.2	4.5

All motors are single phase, 60(Hz).

FLA = Full Load Amperage, as tested in accordance with UL 1995.

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

For ECM electrical data see page N38