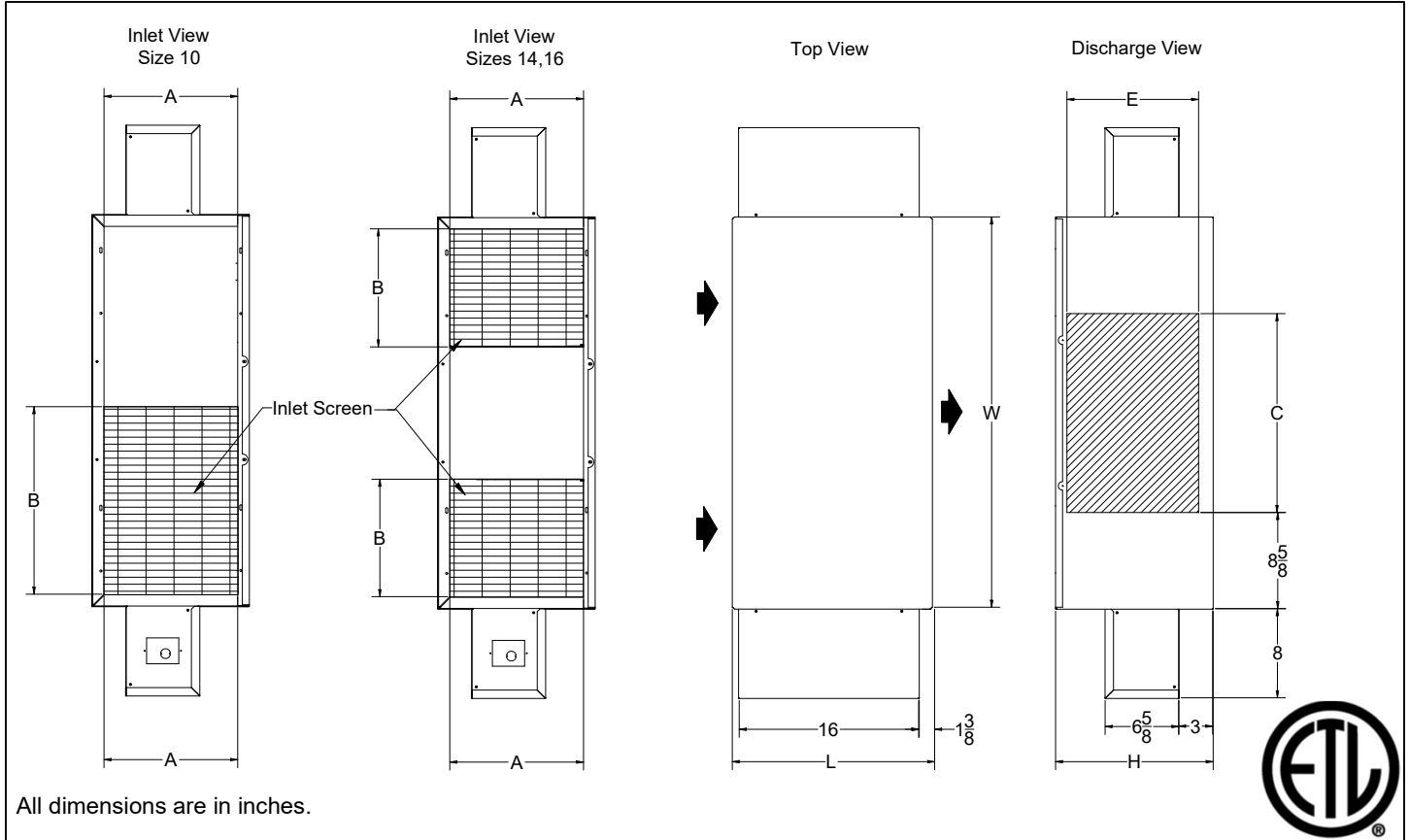


DPFC

Access Floor Perimeter Fan Powered Terminal with ECM Motor
Direct Digital Control



Unit Size	A	B	C	E	H	L	W	Filter Size
10	8 1/2	16 3/8	15 1/4	7 3/4	10 1/2	18	34 7/8	10 x 18
14	12	10 1/2	17 3/4	11 3/4	14	18	34 7/8	16 x 14 (2 per unit)
16	14	9 7/8	17 3/4	13 3/4	16	19	34 7/8	14 x 16 (2 per unit)

ECM Motor Amperage Ratings

Unit Size	Motor hp	120V/1/60 FLA	208V/1/60 FLA	277V/1/60 FLA
10	1/3	5.0	2.8	2.6
14	1/2	7.7	4.3	4.1
16	1	12.8	9.1	6.9

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

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

Accessories (Optional)

Check if provided.

- Induced Air Filter, 1" thick, disposable construction type.
- Fan disconnect switch (not available on units with optional electric coils.)
- Fan unit fusing
- Induced Air Sensor
- _____

Accessories (Optional)

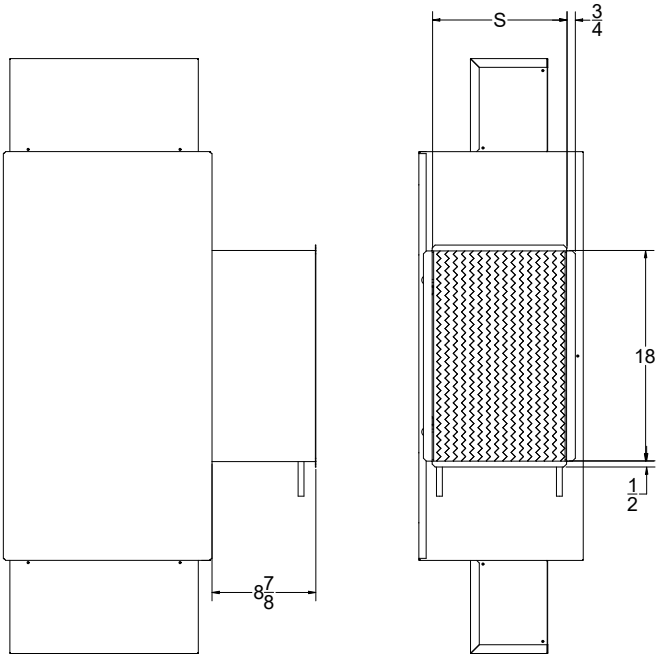
Hot Water Coil Section

- 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	S
10	10
14	11 1/2
16	13 7/8

S is inside dimension.



Electric Coil Section

Standard Features

- Automatic reset thermal cutouts, one per element
- Single point electrical connection for entire unit
- Positive pressure flow switch
- Slip and Drive duct connection
- Coil is installed at discharge of unit.
- Transformer

Options

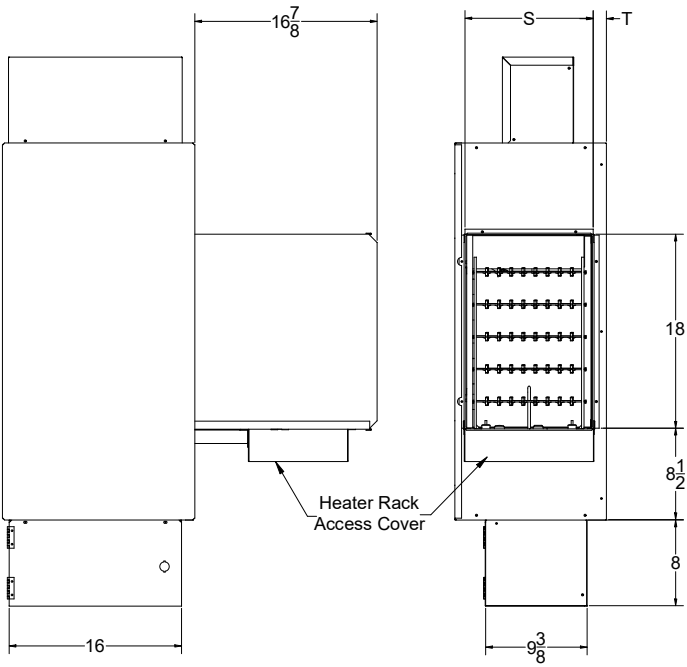
- Fuse Block
 Disconnect switch, door interlock type
 Manual reset cutout
 Dust tight construction
 Mercury contactors

Supply Voltage

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

Unit Size	S	T
10	9 1/2	1
14	12	1 1/4
16	13 1/2	1 5/8

S is inside dimension.



General Description

- Heavy steel casing, with leak resistant construction.
- Ultra high efficiency, brushless DC ECM motor with a unique microprocessor based motor controller.
- Manual PWM controller allows simple screwdriver adjustment of fan speed.
- 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.
- A steel inlet screen covers the inlet side of the unit to protect the fan from debris.
- Top access to unit, high and low voltage controls for easy access from room above.
- Single point electrical connections.
- Rectangular discharge opening is designed for flanged duct connections.
- Optional induced inlet sensor allows monitoring of CFM.