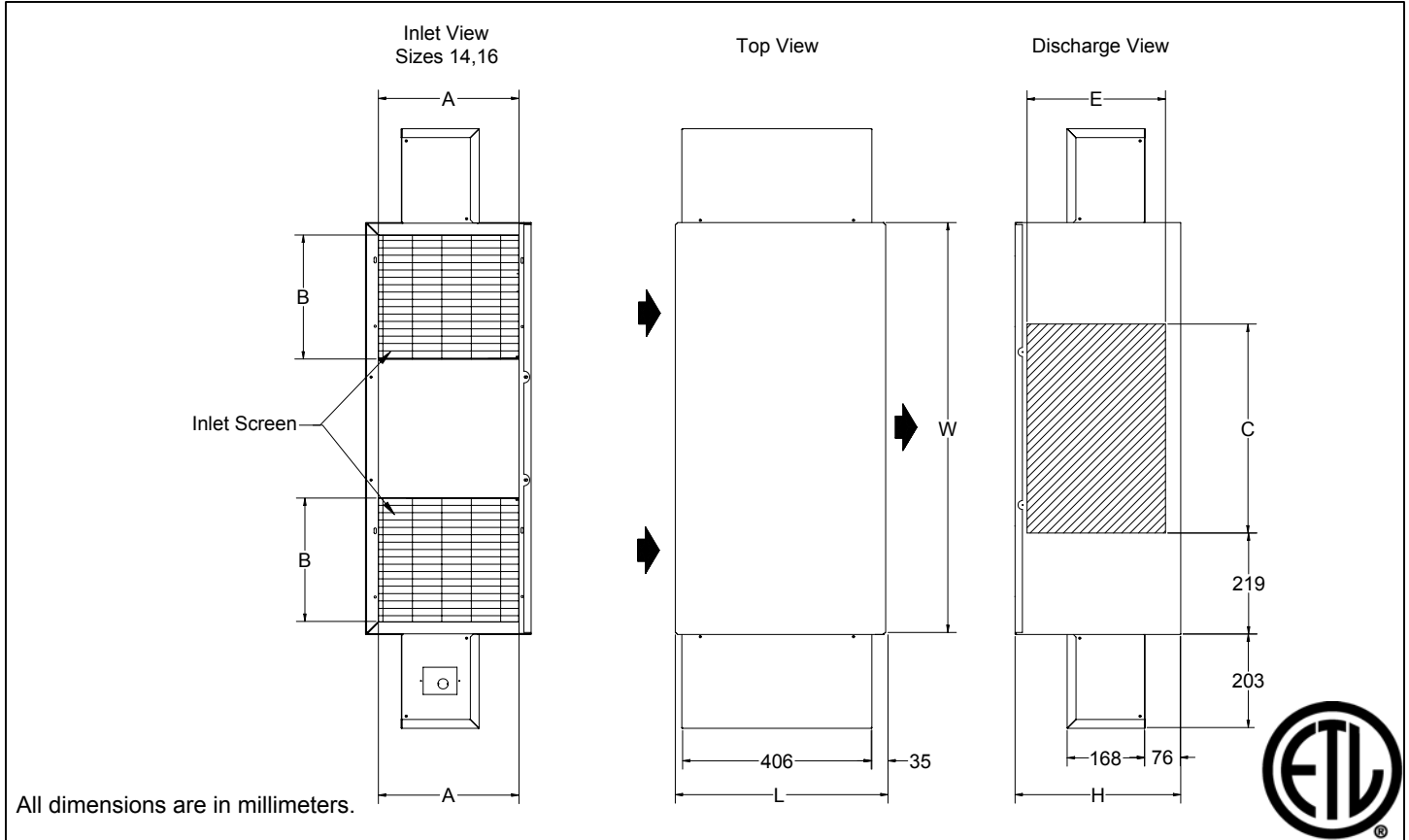


DPFC

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



Unit Size	A	B	C	E	H	L	W	Filter Size
14	305	267	451	298	356	457	886	406 x 356 (2 per unit)
16	356	251	451	349	406	483	886	356 x 406 (2 per unit)

Motor Amperage Ratings

Unit Size	Motor hp	120/1/60 FLA	277/1/60 FLA
14	1/2	4.9	2.3
16	1	11.1	6.0

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.

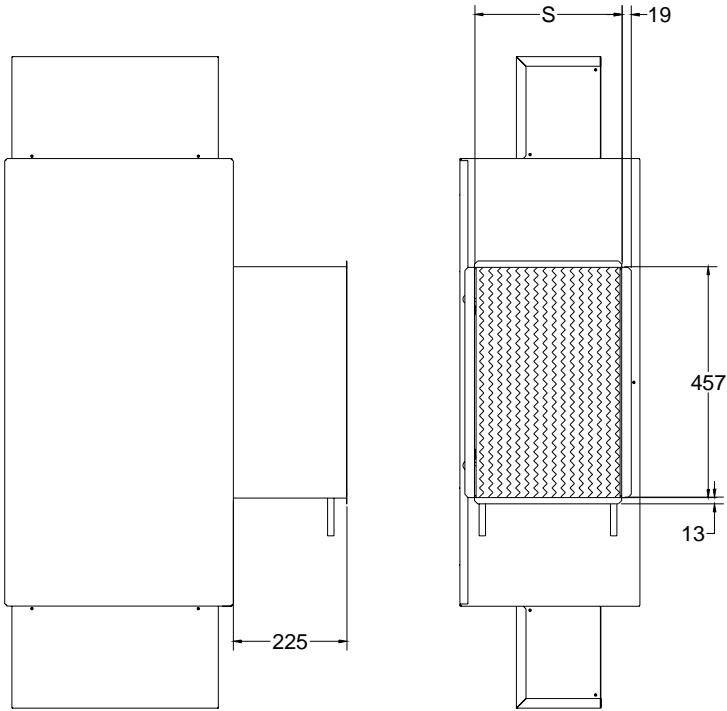
- Induced Air Filter, 25mm thick, disposable construction type.
- Fan disconnect switch (not available on units with optional electric coils.)
- Fan unit fusing
- Induced Air Sensor
- _____

Accessories (Optional)

- Hot Water Coil Section
 - 13mm copper tubes
 - Aluminum ripple fins, 10 per inch
 - Connections: Male solder, 16 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
14	292
16	352



S is inside dimension.

- Electric Coil Section
- Optional SCR Controlled Electric Heater
- Optional Lynergy Controlled Electric Heater

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

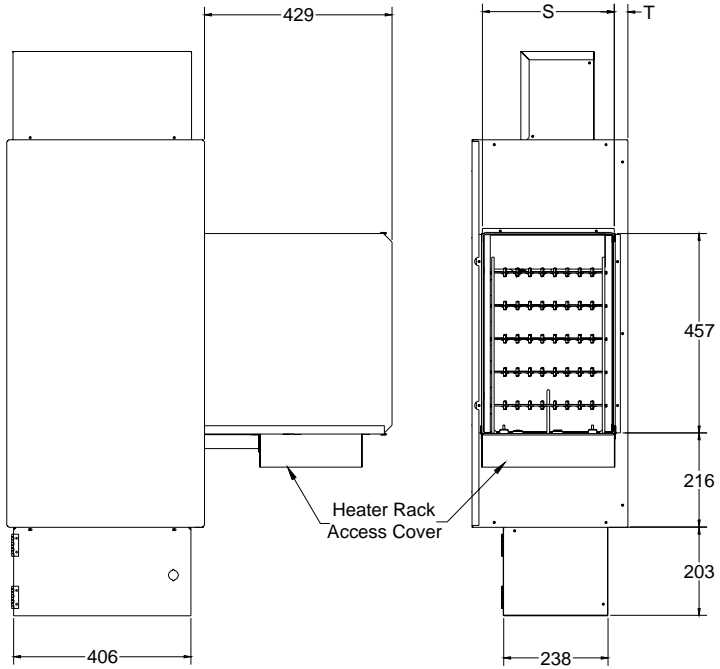
Options

- 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
14	305	32
16	343	41



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.

This submittal is meant to demonstrate general dimensions of this product. The drawings are not meant to detail every aspect of the product. Drawings are not to scale. Titus

reserves the right to make changes without written notice.



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