PTFS

Fan Powered Terminal, Series Flow
Pneumatic Control, Pressure Independent

Primary Air Inlet
with AeroCross
Multipoint Center
Averaging
Sensor

Induced Air
Inlet

Left hand unit, top view shown. All dimensions are in mm.
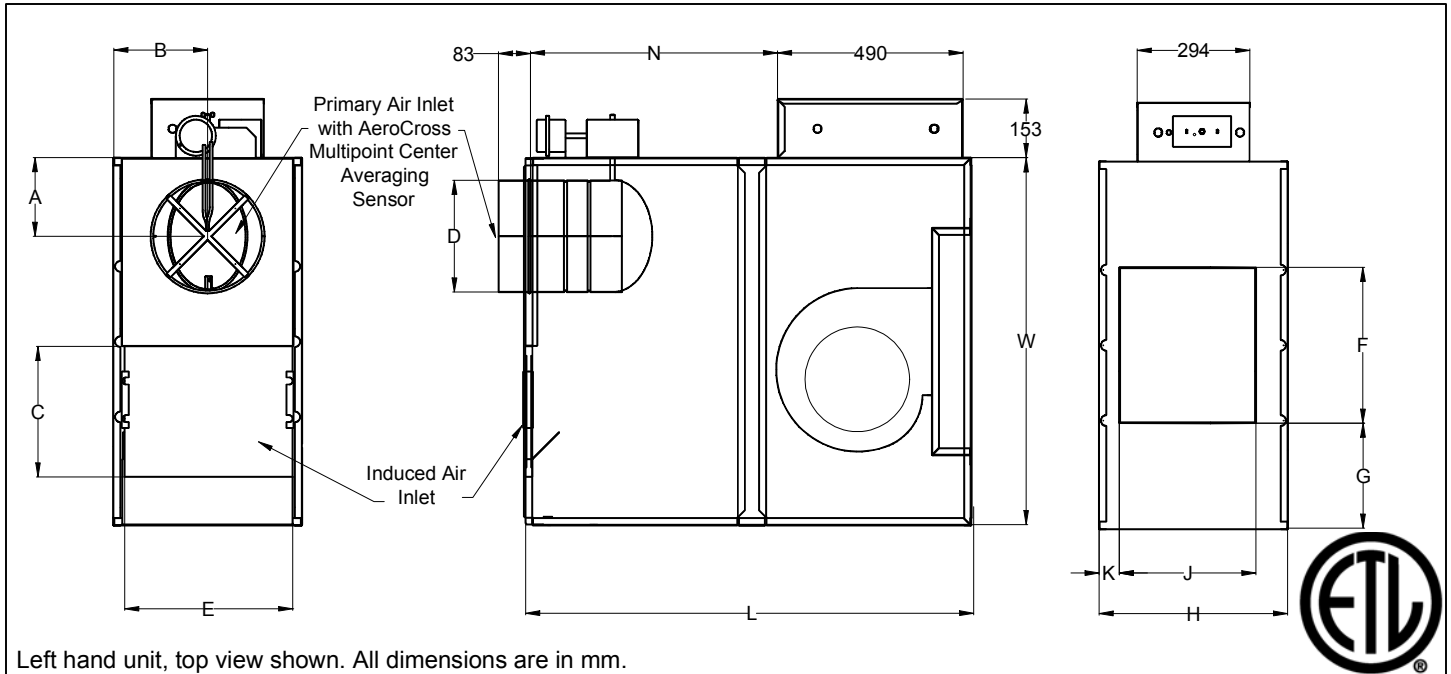
Unit Size	Inlet Size	A	B	C	D	E	F	G	H	J	K	L	N	W	Filter Size
B	6 8 10 12	147 147 172 196	196	318	144 193 242 294	362	346	282	392	273	55	1092	70 70 119 119	907	392 x 343
C	6 8 10 12	147 147 172 196			144 193 242 294								70 70 119 119		
D	10 12 14 16	172 196 245 270	254	305	242 291 340 389	464	404	286	490	358	49	1207	119 119 168 168	956	343 x 441
E	12 14 16	196 245 270			291 340 389								119 168 168		

Motor Amperage Ratings

Unit Size	Motor hp	120/1/60 FLA	208/240/1/60 FLA	277/1/60 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

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 277V 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.)

☐ Fibre Free Liner   ☐ UltraLoc Liner

☐ SteriLoc Liner   ☐ 25mm Fiberglass Liner

☐ Fan unit fusing   ☐ Hanger Brackets

☐ Cam Latch for Access Door

☐ _____

Accessories (Optional)

☐ Hot Water Coil Section

- 13mm copper tubes
- Aluminum ripple fins, 10 per inch
- Connections: Male solder, 13mm 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
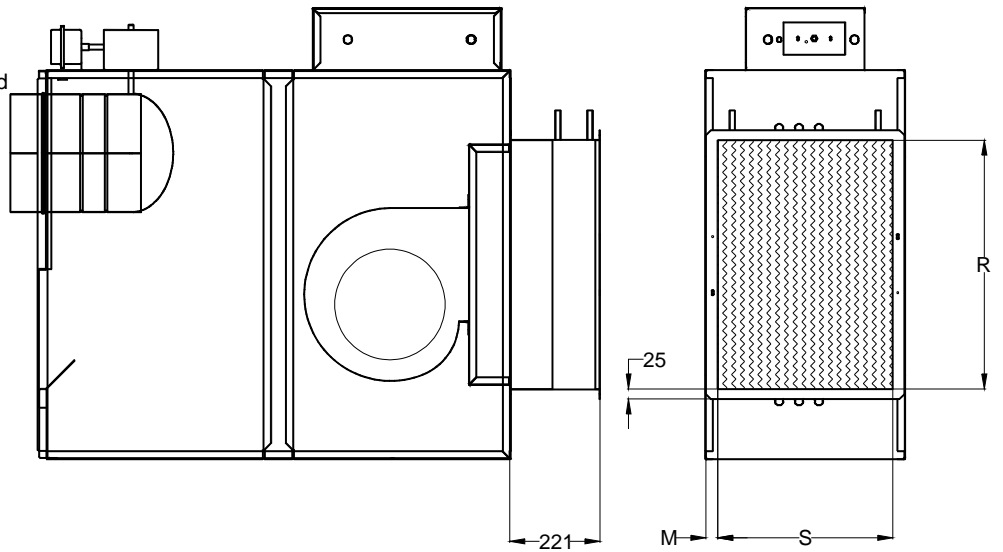
Unit Size	M (1 row)	M (2 row)	R	S
B,C	25	25	502	306
D,E	25	31	613	429

R and S are inside dimensions.


☐ Electric Coil Section

Standard Features
- Single side access to low voltage, high voltage, and electric heater controls.
- Automatic reset thermal cutouts, one per element
- Single point electrical connection for entire unit
- Positive pressure flow switch
- Flanged 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

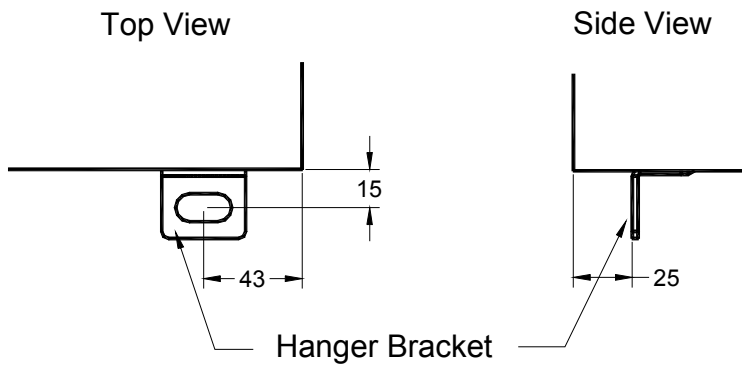☐ 480V, 3 ph, 60Hz (4 wire wye only)

Heater Rack Access Cover
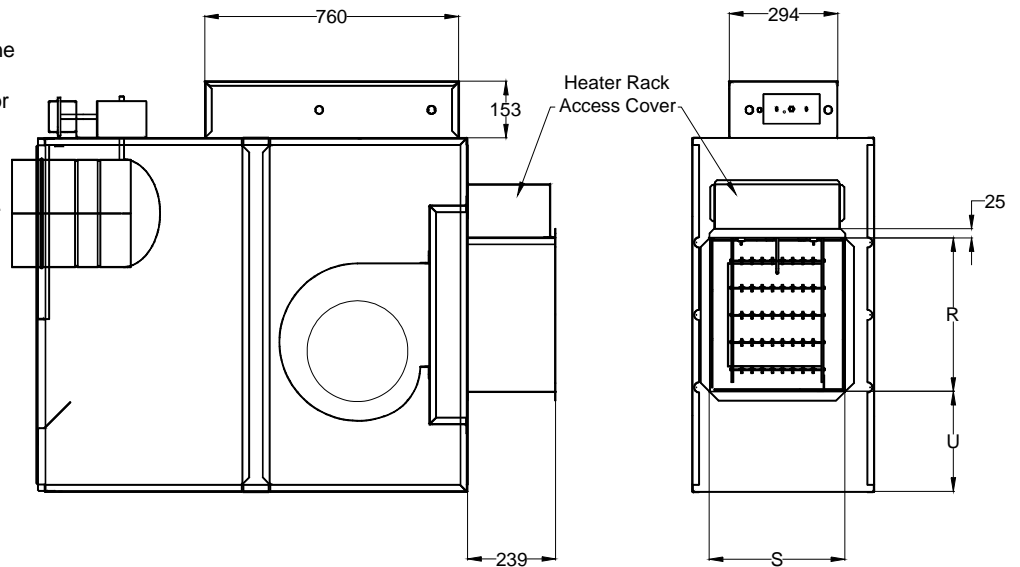
Unit Size	U	R	S	T
B,C	279	355	282	53
D,E	270	417	368	77

R and S are inside dimensions.

Accessories (Optional)

Hanger Bracket Location

Top View   Side View

15

43

Hanger Bracket

25

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.
- Energy efficient fan motor, permanent split capacitor type, mounted in vibration isolators.

- Adjustable SCR fan speed control with minimum voltage stop.
- 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.