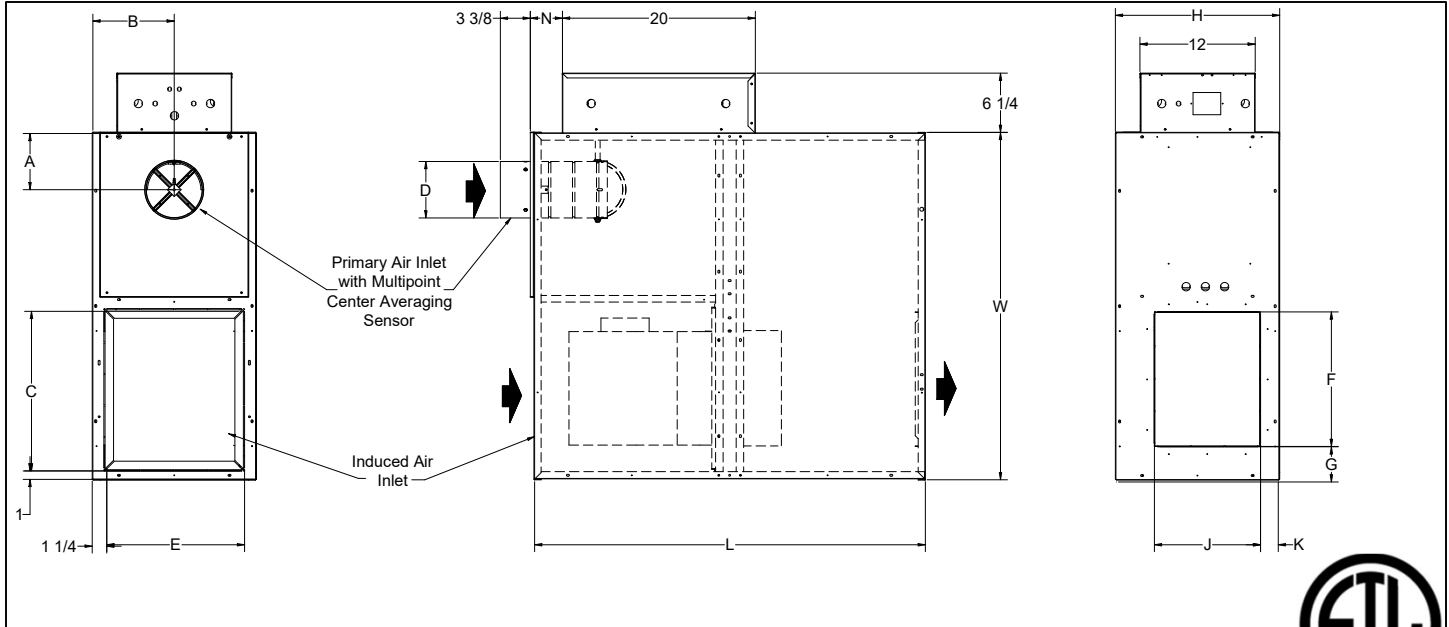


## ATQP

Fan Powered Terminal, Parallel Flow  
Analog Control, Pressure Independent



Left hand unit, top view shown. All dimensions are in inches.

Right hand units are built as a mirror image. Inlets, discharge, and control enclosure are opposite of the drawing above.



Unit Size	Inlet Size	A	B	C	D	E	F	G	H	J	K	L	W	N	Filter Size
2, 3	6	6	8 <sup>9</sup> / <sub>16</sub>	16 <sup>3</sup> / <sub>4</sub>	5 <sup>7</sup> / <sub>8</sub>	14 <sup>1</sup> / <sub>2</sub>	14	3 <sup>1</sup> / <sub>2</sub>	17 <sup>1</sup> / <sub>8</sub>	11	2 <sup>1</sup> / <sub>8</sub>	40 <sup>7</sup> / <sub>8</sub>	36 <sup>1</sup> / <sub>8</sub>	2 <sup>7</sup> / <sub>8</sub>	19 x 17
	8	6			7 <sup>7</sup> / <sub>8</sub>									4 <sup>7</sup> / <sub>8</sub>	
	10	7			9 <sup>7</sup> / <sub>8</sub>									4 <sup>7</sup> / <sub>8</sub>	
	12	8			11 <sup>7</sup> / <sub>8</sub>									4 <sup>7</sup> / <sub>8</sub>	
4	8	6	10 <sup>1</sup> / <sub>16</sub>	24 <sup>1</sup> / <sub>2</sub>	7 <sup>7</sup> / <sub>8</sub>	17 <sup>1</sup> / <sub>2</sub>	16 <sup>1</sup> / <sub>2</sub>	9 <sup>1</sup> / <sub>2</sub>	20 <sup>1</sup> / <sub>8</sub>	14 <sup>1</sup> / <sub>2</sub>	3 <sup>1</sup> / <sub>8</sub>	46 <sup>7</sup> / <sub>8</sub>	48 <sup>1</sup> / <sub>8</sub>	2 <sup>7</sup> / <sub>8</sub>	27 x 20
	10	7			9 <sup>7</sup> / <sub>8</sub>									4 <sup>7</sup> / <sub>8</sub>	
	12	8			11 <sup>7</sup> / <sub>8</sub>									4 <sup>7</sup> / <sub>8</sub>	
	14	10			13 <sup>7</sup> / <sub>8</sub>									6 <sup>7</sup> / <sub>8</sub>	
5	10	7	10 <sup>1</sup> / <sub>16</sub>	24 <sup>1</sup> / <sub>2</sub>	9 <sup>7</sup> / <sub>8</sub>	17 <sup>1</sup> / <sub>2</sub>	16 <sup>1</sup> / <sub>2</sub>	9 <sup>1</sup> / <sub>2</sub>	20 <sup>1</sup> / <sub>8</sub>	14 <sup>1</sup> / <sub>2</sub>	3 <sup>1</sup> / <sub>8</sub>	46 <sup>7</sup> / <sub>8</sub>	48 <sup>1</sup> / <sub>8</sub>	4 <sup>7</sup> / <sub>8</sub>	27 x 20
	12	8			11 <sup>7</sup> / <sub>8</sub>									4 <sup>7</sup> / <sub>8</sub>	
	14	10			13 <sup>7</sup> / <sub>8</sub>									6 <sup>7</sup> / <sub>8</sub>	
	16	11			15 <sup>7</sup> / <sub>8</sub>									6 <sup>7</sup> / <sub>8</sub>	
6	12	8	10 <sup>1</sup> / <sub>16</sub>	24 <sup>1</sup> / <sub>2</sub>	11 <sup>7</sup> / <sub>8</sub>	17 <sup>1</sup> / <sub>2</sub>	16 <sup>1</sup> / <sub>2</sub>	9 <sup>1</sup> / <sub>2</sub>	20 <sup>1</sup> / <sub>8</sub>	14 <sup>1</sup> / <sub>2</sub>	3 <sup>1</sup> / <sub>8</sub>	46 <sup>7</sup> / <sub>8</sub>	48 <sup>1</sup> / <sub>8</sub>	4 <sup>7</sup> / <sub>8</sub>	27 x 20
	14	10			13 <sup>7</sup> / <sub>8</sub>									6 <sup>7</sup> / <sub>8</sub>	
	16	11			15 <sup>7</sup> / <sub>8</sub>									6 <sup>7</sup> / <sub>8</sub>	

### Motor Amperage Ratings

Unit Size	Motor hp	120/1/60 FLA	208/240/1/60 FLA	277/1/60 FLA
2	<sup>1</sup> / <sub>8</sub>	3.0	1.4	1.0
3	<sup>1</sup> / <sub>4</sub>	3.9	1.7	1.5
4	<sup>1</sup> / <sub>3</sub>	7.4	3.0	2.6
5	<sup>1</sup> / <sub>3</sub>	7.4	3.0	2.6
6	<sup>3</sup> / <sub>4</sub>	11.2	5.3	4.5

FLA = Full Load Amperage, as tested in accordance with UL 60335

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.)
- Fibre Free Liner
- SteriLoc Liner
- <sup>1</sup>/<sub>2</sub>" EcoShield Liner
- <sup>1</sup>/<sub>2</sub>" EcoShield Liner (Foil Face)
- <sup>1</sup>/<sub>2</sub>" Fibre Free Liner
- UltraLoc Liner
- Fan unit fusing
- 1" Fiberglass Liner
- 1" EcoShield Liner
- 1" EcoShield Liner (Foil Face)
- 1" Fibre Free Liner
- Hanger Brackets
- Cam Latch for Access Door

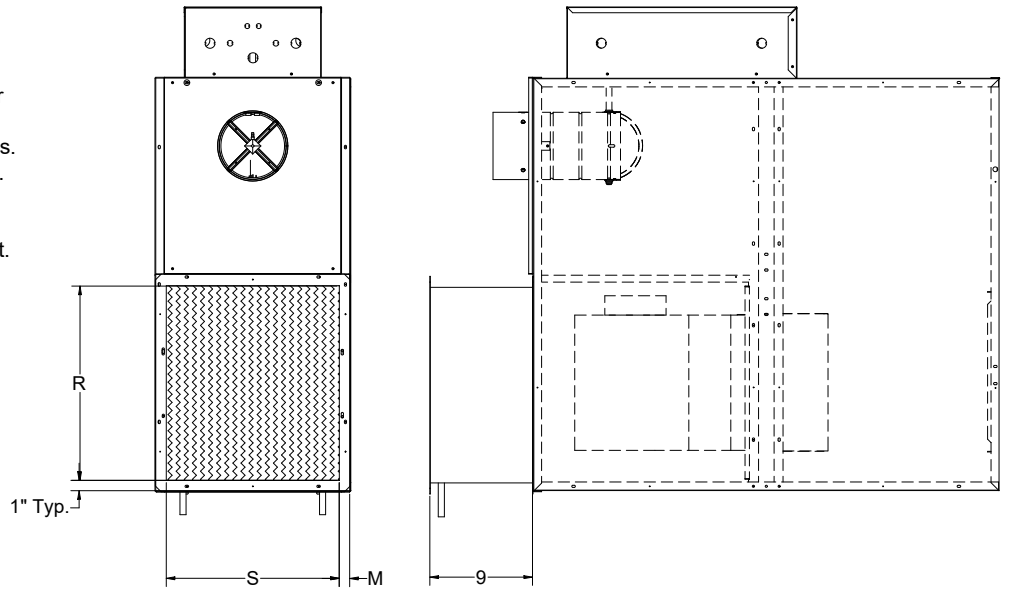
## Accessories (Optional)

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. Right hand connections only on left hand units. Left hand only on right hand units.
- Galvanized steel casing
- Flanged duct connection.
- Coil is installed at induced air inlet.

1 Row

2 Row



Unit Size	M (1 row)	M (2 row)	R	S
2, 3, 4	1	1 1/4	17	15
5, 6	1	1 1/4	25	17 1/2

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

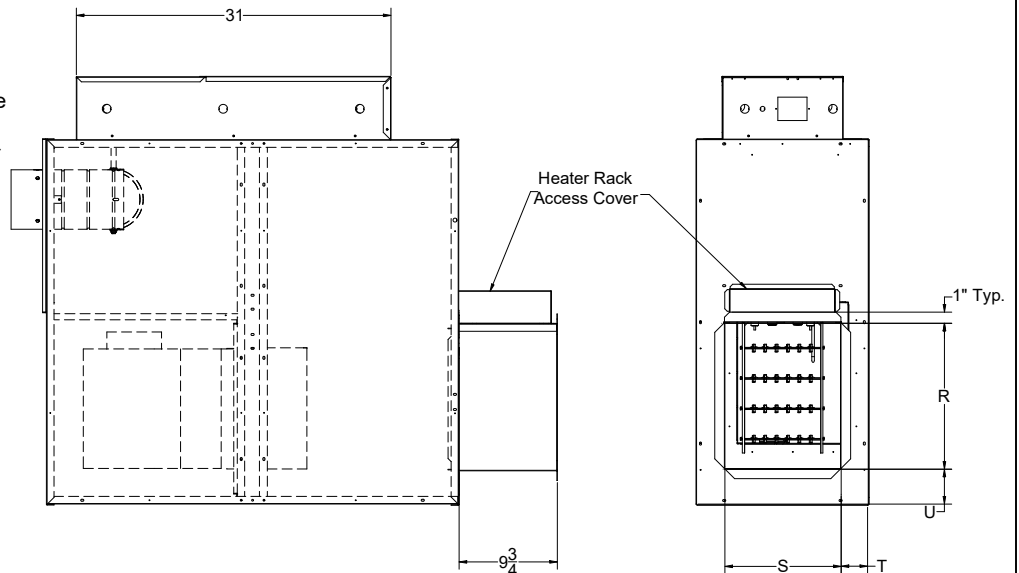
**Options**

- 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)

Optional SCR Controlled Electric Heater



Unit Size	U	R	S	T
2, 3, 4	3 1/2	14	11	2 1/8
5, 6	9 1/2	16 1/2	14 1/2	3 1/8

R and S are inside dimensions.

## 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.
- 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.
- Electronic proportional room thermostat with adjustable setpoints for temperature and airflow is included with unit.
- Minimum and maximum airflow adjustments are made at the thermostat, using a digital voltmeter.