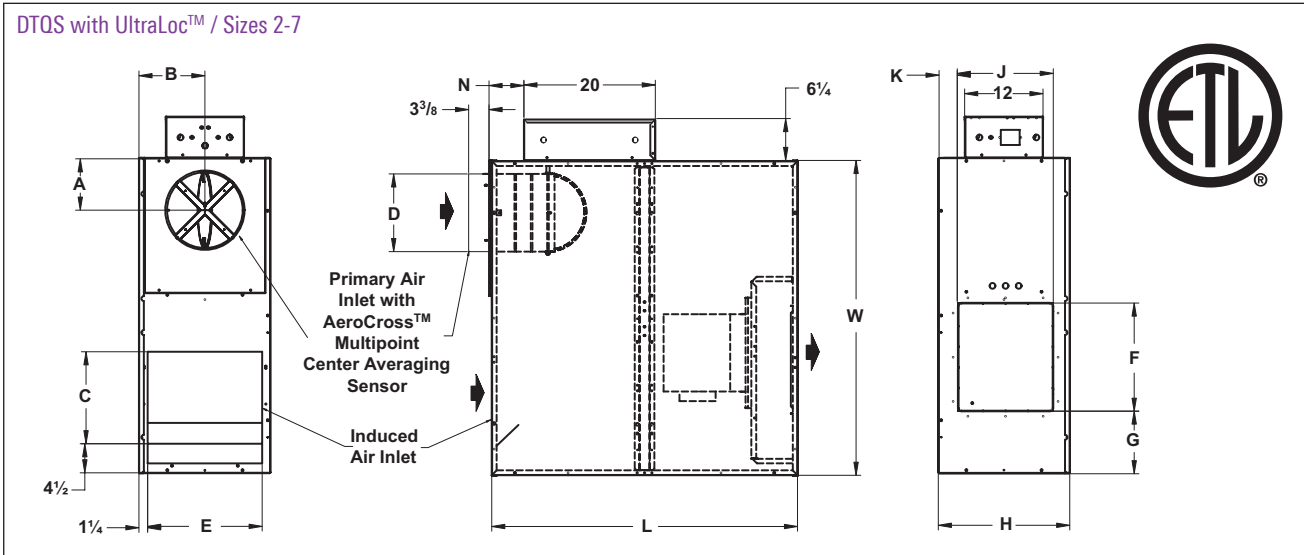


TQS UNIT DIMENSIONS

DTQS with UltraLoc™ / Sizes 2-7



TQS Series Unit with UltraLoc™ Liner and ECM Motor															
Size	Inlet Size	A	B	C	D	E	F	G	H	J	K	L	N	W	Filter Size
2, 3	6	6	8 <sup>9</sup> / <sub>16</sub>	13 <sup>1</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	4	40 <sup>7</sup> / <sub>8</sub>	2 <sup>7</sup> / <sub>8</sub>	36 <sup>1</sup> / <sub>8</sub>	19 x 17
	8	6			7 <sup>7</sup> / <sub>8</sub>								2 <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			7 <sup>7</sup> / <sub>8</sub>								2 <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>											
	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>	21	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>	2 <sup>1</sup> / <sub>2</sub>	46 <sup>7</sup> / <sub>8</sub>	4 <sup>7</sup> / <sub>8</sub>	48 <sup>1</sup> / <sub>4</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			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>		
7	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>		

N

## 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

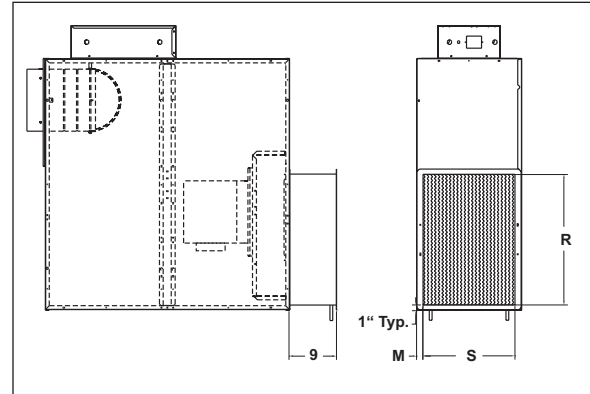
#### SUPPLY VOLTAGE

- 120V, 1 ph, 60 Hz.
- 208/240V, 1 ph, 60 Hz.
- 277V, 1 ph, 60 Hz.

#### COIL ROWS

- 1-Row
- 2-Row

Hot Water Coil Section (Discharge Mounted)				
Unit Size	M (1-Row)	M (2-Row)	R	S
2, 3, 4	1	1¼	17	15
5, 6, 7	1	1¼	25	17½



Note: R and S are inside dimensions

### 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

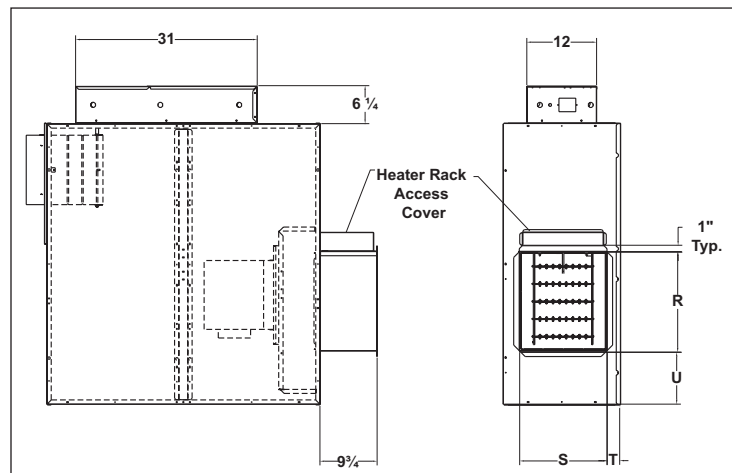
#### SUPPLY VOLTAGE

- 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)

Electric Coil Section (Discharge Mounted)				
Unit Size	U	R	S	T
2, 3, 4	3½	14	11	2⅞
5, 6, 7	9½	16½	14½	3⅞

Note: R and S are inside dimensions

See Electric Heat Coils in Section 0 for more information.



#### OPTIONS

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

### ADDITIONAL ACCESSORIES (OPTIONAL)

- Induced air filter, 1" thick disposable construction type
- Fan disconnect switch (not available on units with optional electric coils)
- Metal controller cover
- Fan P/E switch for night setback control. See Section 0 for additional control options
- 1" Liner
- Fibre-Free Liner
- SteriLoc Liner
- UltraLoc Liner
- EcoShield liner

- Fan unit fusing
- Hanger brackets
- Camlocks on fan access door

Unit Size	Motor HP	Electrical Data		
		120V FLA	208/240V FLA	277V FLA
2	⅙	4.0	1.8	1.3
3	¼	7.0	3.0	2.4
4	⅓	9.8	4.1	2.9
5	½	10.0	4.3	3.3
6	¾	13.4	7.2	5.4
7	1	N/A	9.0	6.5

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 N50