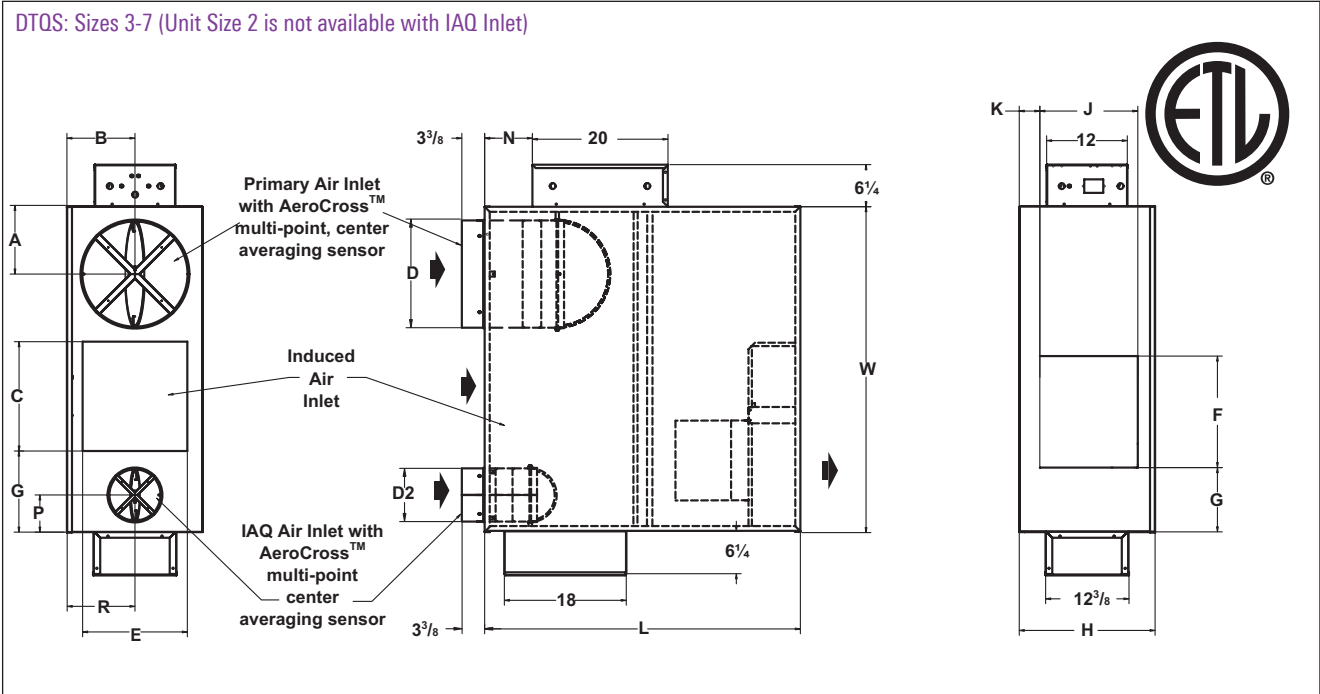


TQS WITH IAQ UNIT DIMENSIONS

DTQS: Sizes 3-7 (Unit Size 2 is not available with IAQ Inlet)



TQS Series Unit with IAQ Inlet																			
Size	Primary	Inlet	A	B	C	D	D2	E	F	G	H	J	K	L	M	N	P	R	W
	Inlet Size																		
3	6	4	6	8 1/2	10 1/8	5 7/8	3 7/8	14 1/2	14	3 1/2	17 1/8	11	4	40 7/8	8 3/4	2 7/8	5	8 1/2	36 1/8
	8		6			7 7/8										2 7/8			
	10		7			9 7/8										4 7/8			
	12		8			11 7/8										4 7/8			
4	8	6	6	10 1/8	18 1/8	7 7/8	5 7/8	17 1/2	16 1/2	9 1/2	20 1/8	14 1/2	2 1/2	46 7/8	11	2 7/8	5 1/2	10	48 1/8
	10		7			9 7/8										4 7/8			
	12		8			11 7/8										6 7/8			
	14		10			13 7/8										6 7/8			
5	10	7	7	10 1/8	18 1/8	9 7/8	6 7/8	17 1/2	16 1/2	9 1/2	20 1/8	14 1/2	2 1/2	46 7/8	11	4 7/8	5 1/2	10	48 1/8
	12		8			11 7/8										4 7/8			
	14		10			13 7/8										6 7/8			
	16		11			15 7/8										6 7/8			
6	12	8	8	10 1/8	18 1/8	11 7/8	7 7/8	17 1/2	16 1/2	9 1/2	20 1/8	14 1/2	2 1/2	46 7/8	11	4 7/8	5 1/2	10	48 1/8
	14		10			13 7/8										6 7/8			
	16		11			15 7/8										6 7/8			
7	14	8	10	10 1/8	18 1/8	13 7/8	7 7/8	17 1/2	16 1/2	9 1/2	20 1/8	14 1/2	2 1/2	46 7/8	11	6 7/8	5 1/2	10	48 1/8
	16		11			15 7/8										6 7/8			

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

COIL ROWS

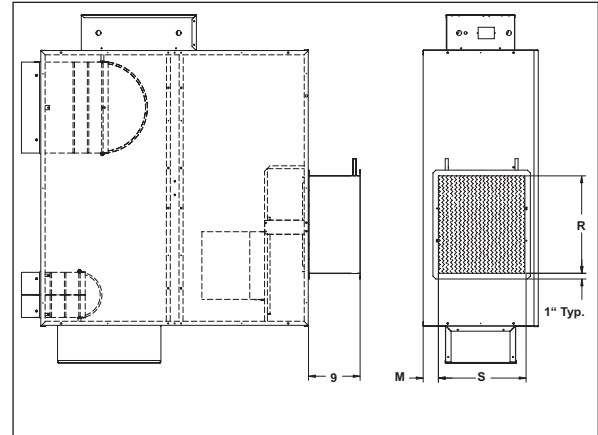
- 1-Row
- 2-Row

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

Note: R and S are inside dimensions

SUPPLY VOLTAGE

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



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

Electric Coil Section (Discharge Mounted)				
Unit Size	U	R	S	T
3, 4	3½	14	11	27/8
5, 6, 7	9½	16½	14½	31/8

Note: R and S are inside dimensions
See Electric Heat Coils in Section O for more information

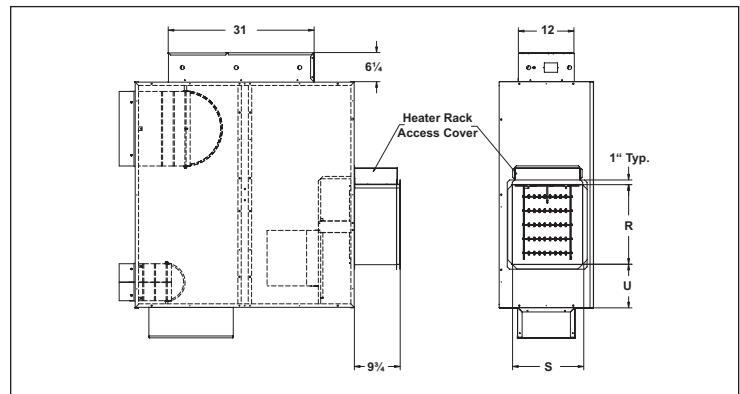
- Magnetic contactor per step on terminals with DDC or analog electronic controls

OPTIONS

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



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 O 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

		Electrical Data		
Unit Size	Motor HP	120V	208/240V	277V
		FLA	FLA	FLA
3	¼	7.0	3.0	2.4
4	⅓	9.8	4.1	2.9
5	⅓	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