

3,690 BTUH (@ 95°F ENCLOSURE & 50°F WATER TEMPERATURES)

INDOOR/OUTDOOR, UL TYPES 12, 4 & 4X AVAILABLE

When ambient conditions are extreme, Air-to-Water Heat Exchangers by Thermal Edge provide reliable, efficient, and cost-effective solutions. Ideal for high ambient conditions and tough industrial environments, these air-to-water heat exchangers provide contaminant-free cooling while minimizing energy use and maintenance cost.



Key Design Features

- Protection from outdoor contaminants with a closed loop design
- Constant elimination of condensate
- Easy maintenance with a filter free design
- Flexible application with the narrow body style fitting 12" deep enclosures
- Eliminates water and corrosion buildup in washdown applications with a sloped roof design and seam welded shroud
- Ruggedly designed for manufacturing environments in powder coated steel or corrosion resistant stainless steel
- Maintains UL Tested NEMA Type 12, 4, and 4X
- Ambient operating temperature: 34°F - 185°F
- Overall dimensions: 19.7" H x 11.8" W x 5" D

OPTIONS:

- Integrated digital temperature controller
- Solenoid water valve
- Water Leak Detection Switch
- Corrosive environment package
- Open door kill switch
- Aluminum or 316 stainless steel housing
- Enclosure mounted controller
- Dry contact alarm
- Remote monitoring options
- UL power cord

APPLICATIONS

Ideal for food processing plants, agricultural irrigation, waste-water treatment, automotive plants, flour milling and mining operations where water is readily available onsite.

ACCESSORIES:

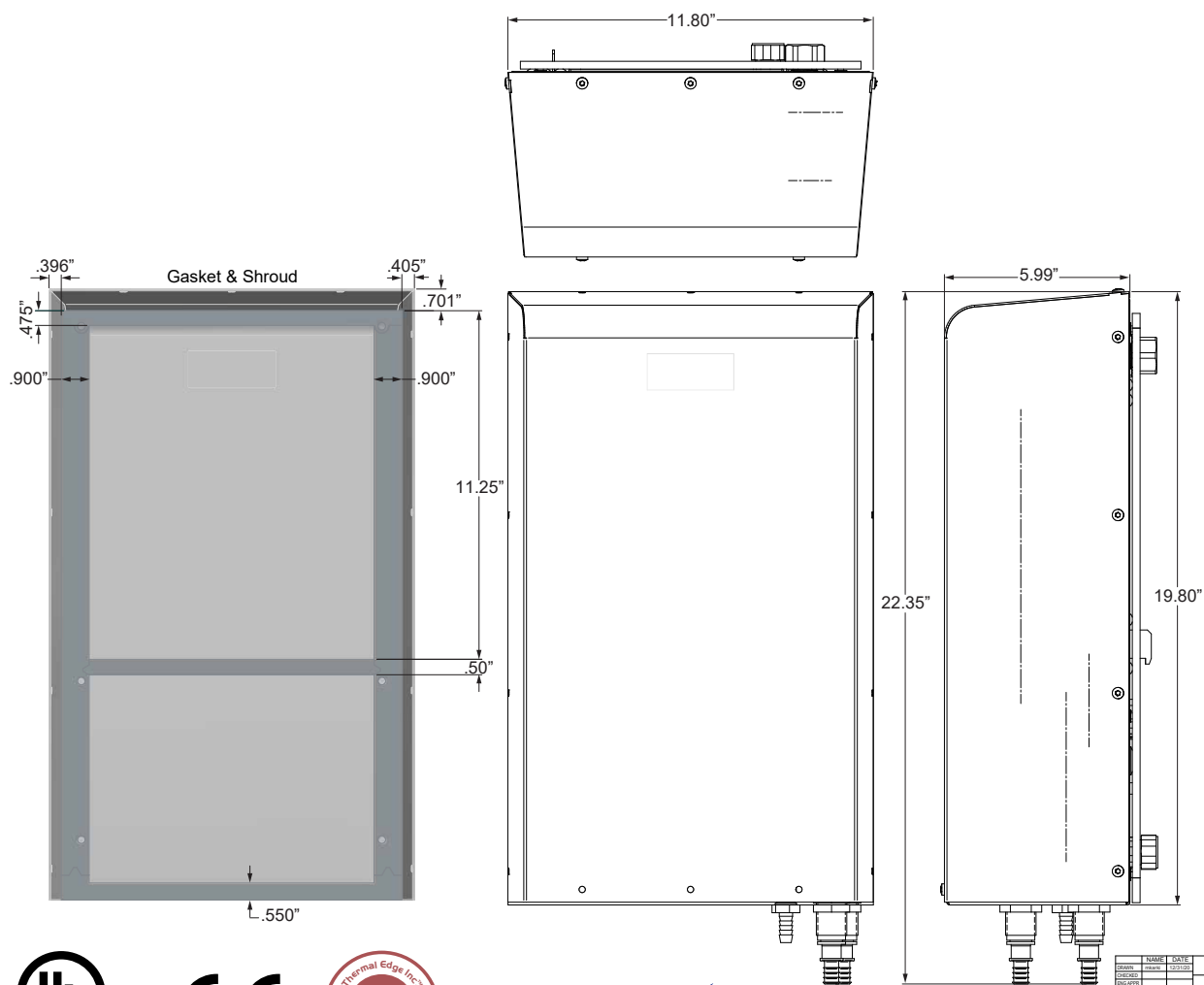
Water supply shutoff valves



Model	UL Type	Material	Voltage/Phase/Hz.	Running Amps	Air Flow Rate (CFM @ 0 Static Pressure)	H x W x D	Weight (lbs.)
A2W301212	12	Powder coated steel	115/1/50-60	0.37	129	19.7" x 11.8" x 5"	21.4
A2W301204	4	Powder coated steel	115/1/50-60	0.37	129	19.7" x 11.8" x 5"	21.4
A2W30124X	4X	Stainless steel	115/1/50-60	0.37	129	19.7" x 11.8" x 5"	21.4
A2W302312	12	Powder coated steel	230/1/50-60	0.23	129	19.7" x 11.8" x 5"	21.4
A2W302304	4	Powder coated steel	230/1/50-60	0.23	129	19.7" x 11.8" x 5"	21.4
A2W30234X	4X	Stainless steel	230/1/50-60	0.23	129	19.7" x 11.8" x 5"	21.4
A2W304812	12	Stainless steel	460/1/50-60	0.12	129	19.7" x 11.8" x 5"	21.4
A2W304804	4	Powder coated steel	460/1/50-60	0.12	129	19.7" x 11.8" x 5"	21.4
A2W30484X	4X	Powder coated steel	460/1/50-60	0.12	129	19.7" x 11.8" x 5"	21.4

The graph illustrates the relationship between Supply Water Temp (°F) on the x-axis (ranging from 45 to 80) and BTUH on the y-axis (ranging from 0 to 5000). Three sets of lines represent different enclosure temperatures: 105 °F (green), 95 °F (red), and 85 °F (blue). Each set consists of two lines corresponding to water flow rates of 1 GPM and 2 GPM. The lines show that BTUH decreases as supply water temperature increases and as enclosure temperature decreases. Higher flow rates result in higher BTUH values for the same conditions.


Supply Water Temp (°F)	Enclosure Temp (°F)	Flow Rate (GPM)	BTUH (approx.)
45	105	1	4500
45	105	2	4900
45	95	1	3800
45	95	2	4100
45	85	1	3000
45	85	2	3300
50	105	1	4200
50	105	2	4600
50	95	1	3500
50	95	2	3800
50	85	1	2700
50	85	2	3000
55	105	1	3900
55	105	2	4300
55	95	1	3200
55	95	2	3500
55	85	1	2400
55	85	2	2700
60	105	1	3600
60	105	2	4000
60	95	1	2900
60	95	2	3200
60	85	1	2100
60	85	2	2400
65	105	1	3300
65	105	2	3700
65	95	1	2600
65	95	2	2900
65	85	1	1800
65	85	2	2100
70	105	1	3000
70	105	2	3400
70	95	1	2300
70	95	2	2600
70	85	1	1500
70	85	2	1800
75	105	1	2700
75	105	2	3100
75	95	1	2000
75	95	2	2300
75	85	1	1200
75	85	2	1500
80	105	1	2400
80	105	2	2800
80	95	1	1700
80	95	2	2000
80	85	1	900
80	85	2	1200



CE



Thermal Edge Inc.™

	NAME	DATE	 Thermal Edge Inc. A2W030WC Packaging A2W030 F.S.E.: A2W030 Packaging.dft
DRAWN	mmmm	12/31/00	
CHECKED			
ENG-APPR			
MGR-APPR			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES ANGLES $\pm 1/16$ IN $\pm 0.5^\circ$ FIN. ± 0.001 IN ± 0.005 IN			

7/17/2025