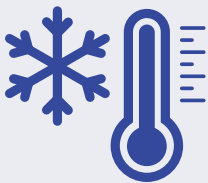




HYDRO EDGE AIR TO WATER HEAT EXCHANGERS

| EFFICIENT AND COST-EFFECTIVE COOLING FOR EXTREME AMBIENT CONDITIONS

Hydro Edge Air-to-Water Heat Exchangers cool electrical enclosures with water rather than ambient air. A sealed water circuit removes heat while keeping outside air, dust, and contaminants out. Built for extreme heat and harsh industrial environments, and designed to help reduce energy use and maintenance.



Consistent Temperature Control

Precise temperature control of the electrical enclosure with the optional ability to regulate coolant flow.



Designed for Extreme Conditions

Ruggedly designed for manufacturing environments susceptible to extreme ambient or aggressive conditions.



Energy Efficient Operation

With efficient heat transfer capabilities, a water source absorbs and transfers electrical heat from the enclosure.



Cooling for a Wide Range of Applications

With cooling capacities up to 18,930 BTUH, these units provide liquid cooling for a wide range of cabinet cooling applications.

Hydro Edge Series:

Air to Water Heat Exchangers

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

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

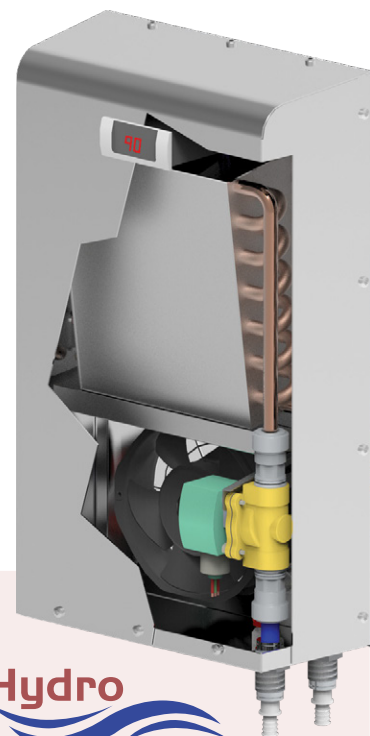
APPLICATIONS

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

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



**Hydro
Edge**

Shown with optional digital temperature controller and optional solenoid water valve



Hydro Edge Series:

Air to Water Heat Exchangers

Model	BTUH*	Air Flow Rate (CFM @ 0 Static Pressure)	Voltage/ Phase/Hz.	UL Type	Max Ambient	Running Amps	Weight (lbs.)	Dimensions H x W x D
A2W301212	3,690	129	115 /1/ 50-60	12	185°F	0.37	21.4	19.71" x 11.80" x 5.00"
A2W301204	3,690	129	115 /1/ 50-60	4	185°F	0.37	21.4	19.71" x 11.80" x 5.00"
A2W30124X	3,690	129	115 /1/ 50-60	4X	185°F	0.37	21.4	19.71" x 11.80" x 5.00"
A2W302312	3,690	129	230 /1/ 50-60	12	185°F	0.23	21.4	19.71" x 11.80" x 5.00"
A2W302304	3,690	129	230 /1/ 50-60	4	185°F	0.23	21.4	19.71" x 11.80" x 5.00"
A2W30234X	3,690	129	230 /1/ 50-60	4X	185°F	0.23	21.4	19.71" x 11.80" x 5.00"
A2W304812	3,690	129	460 /1/ 50-60	12	185°F	0.12	21.4	19.71" x 11.80" x 5.00"
A2W304804	3,690	129	460 /1/ 50-60	4	185°F	0.12	21.4	19.71" x 11.80" x 5.00"
A2W30484X	3,690	129	460 /1/ 50-60	4X	185°F	0.12	21.4	19.71" x 11.80" x 5.00"
A2W601212	7,773	234	115 /1/ 50-60	12	185°F	0.59	33.75	29.00" x 11.80" x 6.00"
A2W601204	7,773	234	115 /1/ 50-60	4	185°F	0.59	33.75	29.00" x 11.80" x 6.00"
A2W60124X	7,773	234	115 /1/ 50-60	4X	185°F	0.59	33.75	29.00" x 11.80" x 6.00"
A2W602312	7,773	234	230 /1/ 50-60	12	185°F	0.38	33.75	29.00" x 11.80" x 6.00"
A2W602304	7,773	234	230 /1/ 50-60	4	185°F	0.38	33.75	29.00" x 11.80" x 6.00"
A2W60234X	7,773	234	230 /1/ 50-60	4X	185°F	0.38	33.75	29.00" x 11.80" x 6.00"
A2W604812	7,773	234	460 /1/ 50-60	12	185°F	0.19	33.75	29.00" x 11.80" x 6.00"
A2W604804	7,773	234	460 /1/ 50-60	4	185°F	0.19	33.75	29.00" x 11.80" x 6.00"
A2W60484X	7,773	234	460 /1/ 50-60	4X	185°F	0.19	33.75	29.00" x 11.80" x 6.00"
A2W1001212	17,330	516	115 /1/ 50-60	12	185°F	1.11	55	40.65" x 15.80" x 8.06"
A2W1001204	17,330	516	115 /1/ 50-60	4	185°F	1.11	55	40.65" x 15.80" x 8.06"
A2W100124X	17,330	516	115 /1/ 50-60	4X	185°F	1.11	55	40.65" x 15.80" x 8.06"
A2W1002312	17,330	516	230 /1/ 50-60	12	185°F	0.60	55	40.65" x 15.80" x 8.06"
A2W1002304	17,330	516	230 /1/ 50-60	4	185°F	0.60	55	40.65" x 15.80" x 8.06"
A2W100234X	17,330	516	230 /1/ 50-60	4X	185°F	0.60	55	40.65" x 15.80" x 8.06"
A2W1004812	17,330	516	460 /1/ 50-60	12	185°F	0.30	55	40.65" x 15.80" x 8.06"
A2W1004804	17,330	516	460 /1/ 50-60	4	185°F	0.30	55	40.65" x 15.80" x 8.06"
A2W100484X	17,330	516	460 /1/ 50-60	4X	185°F	0.30	55	40.65" x 15.80" x 8.06"
A2W2001212	18,930	662	115 /1/ 50-60	12	185°F	2.51	70	50.01" x 15.80" x 8.51"
A2W2001204	18,930	662	115 /1/ 50-60	4	185°F	2.51	70	50.01" x 15.80" x 8.51"
A2W200124X	18,930	662	115 /1/ 50-60	4X	185°F	2.51	70	50.01" x 15.80" x 8.51"
A2W2002312	18,930	662	230 /1/ 50-60	12	185°F	1.26	70	50.01" x 15.80" x 8.51"
A2W2002304	18,930	662	230 /1/ 50-60	4	185°F	1.26	70	50.01" x 15.80" x 8.51"
A2W200234X	18,930	662	230 /1/ 50-60	4X	185°F	1.26	70	50.01" x 15.80" x 8.51"
A2W2004812	18,930	662	460 /1/ 50-60	12	185°F	0.63	70	50.01" x 15.80" x 8.51"
A2W2004804	18,930	662	460 /1/ 50-60	4	185°F	0.63	70	50.01" x 15.80" x 8.51"
A2W200484X	18,930	662	460 /1/ 50-60	4X	185°F	0.63	70	50.01" x 15.80" x 8.51"

* @95°F Enclosure & 50°F Water Temperatures @2 GPM

Note: NEMA 4X models available in T304 stainless steel (standard) or T316 stainless steel (optional).

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Efficient And Cost-Effective Cooling For Extreme Ambient Conditions

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.

OPTIONAL INTELLIGENT SYSTEM CONTROL AND MONITORING

An optional integrated digital temperature controller and optional solenoid water valve which regulates temperature control and monitors the system status.

- **Closed loop** design provides protection from outside contaminants.
- **Constant condensate elimination** ensures reliable and efficient condensation management.
- **Flexible application** with a narrow body style that comfortably fits 12" deep enclosures.
- **Eliminates water and corrosion buildup** in washdown applications with its sloped roof design and seam welded shroud.
- **Ruggedly designed** for manufacturing environments, available in powder-coated steel or corrosion resistant stainless steel.



A2W30 Series

3,690 BTU/H



A2W60 Series

7,773 BTU/H



A2W100 Series

17,330 BTU/H



A2W200 Series

18,930 BTU/H