

AIR TO WATER HEAT EXCHANGERS

Closed Loop Design Available in 115VAC & 230VAC UL Tested NEMA Types 12, 4 and 4X











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.



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

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

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



Testing done under controlled conditions. Actual performance may vary.

*All information subject to change without notice.





7,773 BTUH (@ 95°F ENCLOSURE & 50°F WATER TEMPERATURES) INDOOR/OUTDOOR, UL TYPES 12, 4 & 4X AVAILABLE

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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

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: 29" H x 11.8" W x 6" 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



Model	UL Type	Material	Voltage/ Phase/Hz.	Running Amps	Air Flow Rate (CFM @ 0 Static Pressure)	H x W x D	Weight (Ibs.)
A2W601212	12	Powder coated steel	115/1/50-60	0.59	234	29" x 11.8" x 6"	33.75
A2W601204	4	Powder coated steel	115/1/50-60	0.59	234	29" x 11.8" x 6"	33.75
A2W60124X	4X	Stainless steel	115/1/50-60	0.59	234	29" x 11.8" x 6"	33.75
A2W602312	4X	Powder coated steel	230/1/50-60	0.38	234	29" x 11.8" x 6"	33.75
A2W602304	12	Powder coated steel	230/1/50-60	0.38	234	29" x 11.8" x 6"	33.75
A2W60234X	4	Stainless steel	230/1/50-60	0.38	234	29" x 11.8" x 6"	33.75
A2W604812	4X	Powder coated steel	460/1/50-60	0.19	234	29" x 11.8" x 6"	33.75
A2W604804	12	Powder coated steel	460/1/50-60	0.19	234	29" x 11.8" x 6"	33.75
A2W60484X	4	Stainless steel	460/1/50-60	0.19	234	29" x 11.8" x 6"	33.75



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A2W100

17,330 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.





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

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 16" 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: 40.7" H x 15.8" W x 8.1" 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:

Hydro

Water sup	ply shutoff	valves
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Model	UL Type	Material	Voltage/ Phase/Hz.	Running Amps	Air Flow Rate (CFM @ 0 Static Pressure)	H x W x D	Weight (Ibs.)
A2W1001212	12	Powder coated steel	115/1/50-60	1.11	516	40.7" x 15.8" x 8.1"	55
A2W1001204	4	Powder coated steel	115/1/50-60	1.11	516	40.7" x 15.8" x 8.1"	55
A2W100124X	4X	Stainless steel	115/1/50-60	1.11	516	40.7" x 15.8" x 8.1"	55
A2W1002312	12	Powder coated steel	230/1/50-60	0.60	516	40.7" x 15.8" x 8.1"	55
A2W1002304	4	Powder coated steel	230/1/50-60	0.60	516	40.7" x 15.8" x 8.1"	55
A2W100234X	4X	Stainless steel	230/1/50-60	0.60	516	40.7" x 15.8" x 8.1"	55
A2W1002312	12	Powder coated steel	460/1/50-60	0.30	516	40.7" x 15.8" x 8.1"	55
A2W1002304	4	Powder coated steel	460/1/50-60	0.30	516	40.7" x 15.8" x 8.1"	55
A2W100234X	4X	Stainless steel	460/1/50-60	0.30	516	40.7" x 15.8" x 8.1"	55



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18,930 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.



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

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 16" 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: 50" H x 15.8" W x 8.5" 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



Model	UL Type	Material	Voltage/ Phase/Hz.	Running Amps	Air Flow Rate (CFM @ 0 Static Pressure)	H x W x D	Weight (Ibs.)
A2W2001212	12	Powder coated steel	115/1/50-60	2.51	670	50" x 15.8" x 8.5"	70
A2W2001204	4	Powder coated steel	115/1/50-60	2.51	670	50" x 15.8" x 8.5"	70
A2W200124X	4X	Stainless steel	115/1/50-60	2.51	670	50" x 15.8" x 8.5"	70
A2W2002312	12	Powder coated steel	230/1/50-60	1.26	670	50" x 15.8" x 8.5"	70
A2W2002304	4	Powder coated steel	230/1/50-60	1.26	670	50" x 15.8" x 8.5"	70
A2W200234X	4X	Stainless steel	230/1/50-60	1.26	670	50" x 15.8" x 8.5"	70
A2W2002312	12	Powder coated steel	460/1/50-60	0.63	670	50" x 15.8" x 8.5"	70
A2W2002304	4	Powder coated steel	460/1/50-60	0.63	670	50" x 15.8" x 8.5"	70
A2W200234X	4X	Stainless steel	460/1/50-60	0.63	670	50" x 15.8" x 8.5"	70



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EFFICIENT AND COST EFFECTIVE COOLING FOR EXTREME AMBIENT CONDITIONS

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.

PROTECTION FROM OUTDOOR CONTAMINANTS...

with its closed loop design.

CONSTANT ELIMINATION OF CONDENSATE...

ensures reliable and efficient condensation management.

FLEXIBLE APPLICATION WITH A NARROW BODY STYLE... 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 in powder coated steel or corrosion resistant stainless steel.



Shown with optional digital temperature controller and optional solenoid water valve



