

# PWS 30X2 | AIR/WATER HEAT EXCHANGERS

2218 - 2900 Btu/h

The PWS 30X2 Advantage Series Air/Water Heat Exchangers is our smallest air/water heat exchanger. These units are ideal for harsh ambient conditions, requiring a cool liquid source and power. Available with either powder coated or stainless steel covers and 2 different capacities. [Need a cool liquid source?](#) Pair this unit with one of our packaged chillers.

### Washdown Roof Design

Metal covers are designed with a sloped top which sheds water away from the electrical enclosure as well as eliminates potential water pooling, corrosion and ice buildup.

### Rugged Design

Powder coated steel or stainless steel cover designed for manufacturing environments. Easily painted to match enclosure or machine.

### Long Airflow Path

Heat exchangers are designed to draw hot air from the top of the enclosure and deliver cool air below the components.

### Closed Loop Design

Designed to isolate the external ambient air from the internal air circuit eliminating the risk of contaminants entering the cabinet.

24.14 in. (513 mm)

10.13 in. (257 mm)

5.62 in. (142.8 mm)

### Push to Connect Fittings

Hydronic connectors that supports quick connection to 1/2 inch O.D. hose or 1/2 inch I.D. hose with included adapter. Unlike other units that have rigid permanent connections.

### Optimized Internal Design

Smart engineered solution, easy to service and maintain.

### Intelligent Control of Water Flow

The adjustable electronic thermostat permits precise control of the electrical enclosure temperature by regulating the coolant flow which is activated by a solenoid valve. This regulates the coolant flow to minimize coolant waste and increase energy-efficiency.

### Condensation Management

Physical barriers allow for condensation to be collected and drained from the system with zero intrusion into the cabinet.



**PWS 3062 Series 2218 Btu/h (650 W) Air to Water Heat Exchangers**

Model Number	Part Number	Voltage (VAC)	Frequency (Hz)	Power Consumption (W)	Nominal (Run) Current (A)	Fuse (maximum)	Fluid Connection	Noise Level (according to EN ISO 3741) dB(A)	Dry Weight (without packaging) lb (kg)
<b>PWS 3062</b> Indoor/Outdoor Rated (NEMA Type 12/3R/4)	12358010045	115	60	28.9	.33	6	1/2"push in fitting	<51	22 (10)
	12358020045	230	50/60	30.4	.15	6	1/2"push in fitting	<51	22 (10)
<b>Design</b>	<b>Housing:</b> galvanized sheet steel <b>Cover:</b> electrostatically powder coated RAL 7035 (light grey); for ANSI 61 grey use part no. ending in ...251								
<b>PWS 3062 SS</b> Indoor/Outdoor Rated (NEMA Type 12/3R/4/4x)	12358010048	115	60	28.9	.33	6	1/2"push in fitting	<51	22 (10)
	12358020048	230	50/60	30.4	.15	6	1/2"push in fitting	<51	22 (10)
<b>Design</b>	<b>Housing:</b> stainless steel 304 <b>Cover:</b> stainless steel 304								

**PWS 3082 Series 2900 Btu/h (900 W) Air to Water Heat Exchangers**

<b>PWS 3082</b> Indoor/Outdoor Rated (NEMA Type 12/3R/4)	12358110045	115	60	21.3	0.235	6	1/2"push in fitting	<51	22 (10)
	12358120045	230	50/60	18.7	.126	6	1/2"push in fitting	<51	22 (10)
<b>Design</b>	<b>Housing:</b> galvanized sheet steel <b>Cover:</b> electrostatically powder coated RAL 7035 (light grey); for ANSI 61 grey use part no. ending in ...251								
<b>PWS 3082 SS</b> Indoor/Outdoor Rated (NEMA Type 12/3R/4/4x)	12358110048	115	60	21.3	0.235	6	1/2"push in fitting	<51	22 (10)
	12358120048	230	50/60	18.7	.126	6	1/2"push in fitting	<51	22 (10)
<b>Design</b>	<b>Housing:</b> stainless steel 304 <b>Cover:</b> stainless steel 304								

Additional Data	PWS 3062	PWS 3062 SS	PWS 3082	PWS 3082 SS
Control range (adjustable)	+ 50 ... + 104 / + 10 ... + 40; factory setting + 95 / + 35			°F / °C
Rated flow rate	2 (450)			gpm (L/H)
Maximum water pressure	145 (10)			PSIG (BAR)
NEMA Type rating	12/3R/4/4x			Against enclosure when properly installed



For additional technical data, drawings and manuals.  
[www.pfannenbergusa.com](http://www.pfannenbergusa.com)

**Available Models:**

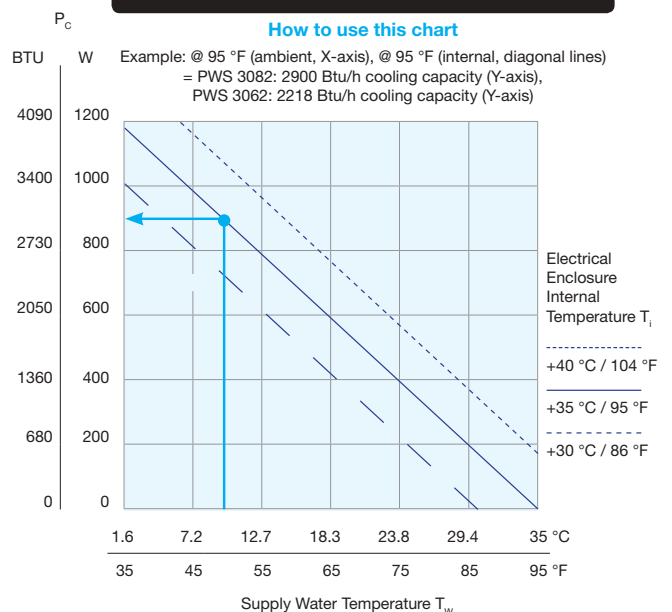


**Light Grey**  
Indoor/Outdoor Rated  
(NEMA Type 12/3R/4/4x)



**Stainless Steel**  
Indoor/Outdoor Rated  
(NEMA Type 12/3R/4/4x)

**Cooling Capacity Performance Curve**



Note: PWS 3062 Cooling Capacity chart can be found on [www.pfannenbergusa.com](http://www.pfannenbergusa.com)