PWS 3502 | AIR/WATER HEAT EXCHANGERS

21496 Btu/h

The PWS 3502 Advantage Series Air/Water Heat Exchangers offer over 20000 Btu/h cooling capacity and are ideal for harsh ambient conditions. Requiring only a cool liquid source and power. Available with either powder coated or stainless steel covers. Need a cool liquid source? Pair this unit with one of our packaged chillers.

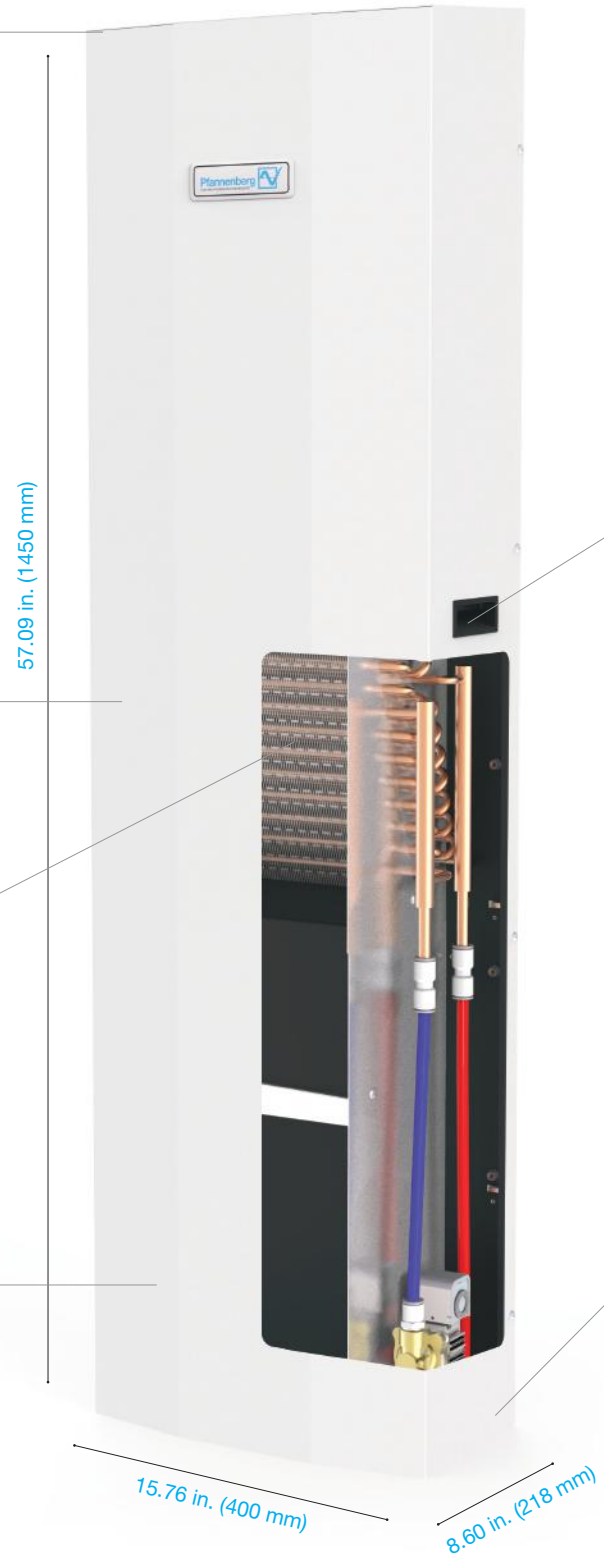
Washdown Roof Design
Metal covers are designed with a sloped top which sheds water away from the electrical enclosure as well as eliminates potential water pooling, corrosion and ice buildup.

Optimized Internal Design
Smart engineered solution, easy to service and maintain.

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.



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.

Lifting Handles
Handles are mounted on the cover for easy handling and installation.

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 3502 Series 21496 Btu/h (6300 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)
PWS 3502 Indoor/Outdoor Rated (NEMA Type 12/3R/4)	12358510045	115	60	215.6	1.89	6	1/2"push in fitting	<64	73 (33)
	12358520045	230	50/60	192.5	.982	6	1/2"push in fitting	<64	73 (33)
Design	**Housing:** galvanized sheet steel **Cover:** electrostatically powder coated RAL 7035 (light grey); for ANSI 61 grey use part no. ending in ...251								
PWS 3502 SS Indoor/Outdoor Rated (NEMA Type 12/3R/4/4x)	12358510048	115	60	215.6	1.89	6	1/2"push in fitting	<64	73 (33)
	12358520048	230	50/60	192.5	.982	6	1/2"push in fitting	<64	73 (33)
Design	**Housing:** stainless steel 304 **Cover:** stainless steel 304								

Additional Data		PWS 3502	PWS 3502 SS	
Control range (adjustable)	SC	+ 50 … + 104 / + 10 … + 40; factory setting + 95 / + 35		°F / °C
Rated flow rate		2 (450)		gpm (L/H)
Maximum water pressure	PSIG	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

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