

PWW CHILLER

LIQUID COOLING



PWW CHILLERS

PWW 6000 UL / PWW 18000 UL
/ PWW 25000 UL

13,648 - 85,300 BTU/hr

INCLUDED OPTIONS

Ferrous Free Construction • Water-to-Water Passive Cooling • Inline Filtration - 300 um • Adjustable Hydraulic Bypass • Flow Alarm • Clogged Filter Alarm • Min-Max Temperature Alarm • UL-508A Electrical Compliance

Passive Cooling System

Due to the smart design of the closed loop circuit, PWW units can be easily adapted to the existing water supply.

Service Friendly Design

Easy removable panels allow quick access to the internal components and reduced service cost.

3-Way Valve for Primary Water Regulation

Means the highest reliability and accuracy, wide temperature control range and programmable set-point.

Plate Heat Exchanger

Made of stainless steel to prevent corrosion and guarantee high performance.

Centrifugal Pump

Multi-stage pump for high flow rate even at high pressure resistance.

Expansion Vessel

A properly sized thermal expansion tank will accommodate the additional volume of water created through expansion during the heating cycle.



Digital Controller

With clear error message display and easily adjustable set point.

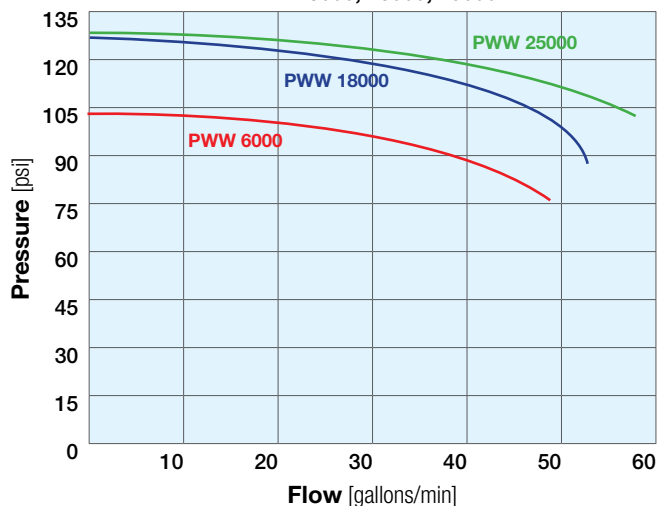


PWW 6000/18000/25000 UL CHILLERS (13,648 - 85,300 BTU/hr)

Model Number	Rated Voltage AC 50 / 60	Cooling Capacity WP59 / WS68 - WP59 / WS77 °F/Flow Rate 1:1			Flow Rate (pump)		Pump Pressure		Dry Weight (without packaging)
		BTU/hr	kW	Ton	Primary Water Inlet	Secondary Water Inlet	Primary Water Inlet	Secondary Water Inlet	
	V ±10 %							GPM	
PWW 6000 UL Part Number: 42120405005	230 1~	13,648- 20,472	4-6	1.1-1.8	5.2	5	21	36	110
PWW 18000 UL Part Number: 4212900001	400 3~ / 460 3~	30,718- 61,436	9-18	2.5-5	10.4	10.4	43.5	73	114
PWW 25000 UL Part Number: 42122505001	400 3~ / 460 3~	54,592- 85,300	16-25	4.5-7.1	9.1	11.7	43.5	65	114

Additional Data	PWW 6000	PWW 18000	PWW 25000
Ambient temp. range	Min: 10°C / 50°F . . . Max: 45°C / 113°F		Min: 10°C / 50°F . . . Max: 45°C / 104°F
Primary water inlet temp. range	Min: 5°C / 41°F . . . Max: 30°C / 86°F		
Secondary water inlet temp. range	Min: 10°C / 50°F . . . Max: 35°C / 95°F (factory setting +20°C +68°F)		
Medium	Water / Glycol – 80% / 20%		
Medium temperature (outlet)	50°F to 95°F (10°C to 35°C); Factory Setting 64°F (18°C)		
Target value tolerance (°k)	±2k		
Refrigerant type	R410A		
Max power consumption (kW)	3000	2610	3350
Max current consumption (A)	5.35	5.5	5.94
Max Noise level @ 60 Hz (EN ISO 3741)	64 dB	68 dB	
Application Environment	Indoor use only		
Dimensions (w x h x d)	23 x 20 x 32 inches		
Design	Housing/Cover: powder coated RAL 7035 (light gray)		

Cooling Capacity Performance Curve - 60 Hz
PWW 6000, 18000, 25000



For additional technical data, drawings and templates visit
www.pfannenbergsusa.com

Subject to technical amendments and misprints.

PWW Water-to-Water Passive Chillers

An Economical Solution for a Variety of Types of Thermal Management of Liquids

- Have an **On-Board Filtration of up to 300um** for Dirty or Harsh Water Applications.
- Come with an **On-Board Digital Controller** for tight control of temperatures and application needs as well as alarm feedback for a variety of situation including low/high flow, clogged filtration, and many other situations your application might see.



Pfannenberg Sales America, LLC
68 Ward Road
Lancaster, New York 14086 USA
Phone: 716-685-6866
Fax: 716-681-1521
Email: sales@pfannenbergusa.com



Subject to technical amendments and misprints. **REV 1.1**