



WP Series Water-to-Water Pool Heat Pump



- Energy efficient geothermal pool heating
- Suitable for an outdoor pool, hot tub or spa
- Available up to 6.5 tons
- Ability to heat water up to 105°F (41°F)
- Single stage compressor
- Titanium/PVC indoor loop coil



WP Series

Certifications

Features & Benefits

Footprint - A 28" x 41" footprint

Compressor - Single stage scroll, with double isolation for quiet operation.

Hard Start Kit - Standard on all models.

EEV (Electronic Expansion Valve) - Maintains an accurate and efficient flow of refrigerant.

Filter-Dryer & Sight Glass - Standard on all units.

Accumulator - Protects compressor against liquid slugging.

Heat Exchanger - Titanium/PVC coaxial pool water heat exchanger, corrosion resistance superior to copper or CuNi.

Service Ports - High and low service ports for quick connection to a manifold gauge set.

Refrigerant - Standard R410a.

Gen2 Board - Includes built-in aquastat functionality, BACnet, data logging, electronic readout of refrigerant pressures and water in/out temperatures.

Cabinet - Satin galvanized with powder coat finish for corrosion resistance. Acoustically insulated for quiet operation.

Doors - All 4 side panels can be removed, electrical box swings out for unobstructed 4-side servicing.

Loop or Well - Unit pre-wired for operation on a closed loop or a water well.

Available Sizes - 2 - 6.5 nominal tons.

Distribution Type - Pool water heating, ability to heat up to 105°F (41°C) which can also be suitable for a hot tub or spa.



Standard Capacity Ratings (60Hz)

Rating Conditions	Model	Tons	Loop Flow		Indoor Pool Pressure Drop	Pool Water Loop Flow	Input Energy	Capacity	COPh
			GPM	L/s	psi (kPa)	GPM (L/s)	Watts	Btu/hr (kW)	
Pool Water LWT 80°F (27°C)	45	3	10	0.63	1.6 (11)	21 (1.3)	1700	28,300 (8.3)	4.9
	55	4	12	0.76	2.6 (18)	28 (1.8)	2410	40,100 (11.8)	4.9
	65	5	14	0.88	3.8 (26)	35 (2.2)	2953	49,400 (14.5)	4.9
ELT 32°F (0°C)	75	6	16	1.0	4.7 (32)	40 (2.5)	3410	56,800 (16.6)	4.9
	80	6.5	17	1.1	5.8 (40)	45 (2.8)	4320	66,700 (19.5)	4.8