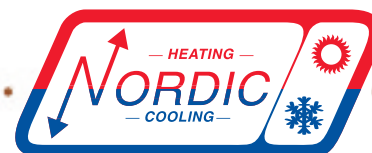


# (W) Series Liquid-to-Water



A High-efficiency Heat Pump  
for Installation on Water Wells  
or Geothermal Groundloops



# Features

**Maintenance free.**

**Maximum output** water temperature 125°F.

**Optional factory installed** hot and cold side circulator pumps.

**Heat Exchanger Materials Available**

- 316 Stainless Steel.
- Cupro-nickel.
- Copper.

**High / Low Service Valves.**

**Refrigerant** controlled head pressure valve.

**Thermostatic Expansion Valve.**

**Optional Domestic Hot Water Desuperheater & pump.** (Bronze Head Circulator).

**Optional Hot & Cold Loop fluid** circulator pumps.

**Easily accessible components.** All four sides are removable.

**Accumulator** – Prevents liquid slugging during start-up.

**Cabinet** – Satin galvanized unweld construction with baked enamel finish.

**Compressor** – Heavy duty Tecumseh® compressors in all models.

**Potential relay and start capacitor** are standard on all 1 phase units.

**Heavy duty contactors.**

**Compact size (28"W x 32"L x 26"H)** designed to produce large quantities of hot water.

**Can be stacked up** to 3 high in parallel configurations.

**Highest efficiency heat exchangers** on each model.

**Hi & Low pressure** safety cutouts.

**Internal circuit breaker** protection for compressor and back-up electric heat.

**Domestic hot water** heat exchanger and bronze head circulator pump.

**Expansion tank** – Pressure relief valve, pressure gauges.

## Optional Equipment

- 3-phase systems.
- Aquastat.
- Domestic hot water.



## Performance Specifications

Earth Temp.	Model	IGPM	Btu's	Watts	COP	CSA COP*	Amps
EWT 50°F	W-45-W	6	44,500	3315	3.9	3.3	14.7
	W-55-W	8	55,200	4296	3.8	3.3	19.2
	W-65-W	10	64,000	5046	3.7	3.2	21.9
EWT 32°F	W-45-W	6	34,100	3024	3.3	3.1	13.3
	W-55-W	8	44,100	3915	3.3	3.1	17.1
	W-65-W	10	52,200	4779	3.2	3.0	20.8

NOTE: Based on EWT of 104°F. Heating performance will increase with higher water flow rates and / or EWT.

NOTE: \*CSA COP as tested per CAN/CSA C446-M94 performance standard - includes pumping penalty.

Manufactured by:  
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