

HEW Series

The HEW Water-to-Water series offers a wide range of units for most any installation with an extended range refrigerant circuit, intended for ground loop (geothermal) applications only. As our most adaptable EarthPure® HFC-410A refrigerant units, the HEW Series can be used for radiant floor heating, snow/ice melt, chilled water for fan coils, potable hot water generation*, hot/chilled water for make-up air, and many other types of HVAC applications.

**Requires optional hot water generator*

ADVANTAGE OF THE WATER-TO-WATER HEW SERIES

- Copeland™ High Efficiency Scroll Compressor
- Optional Hot Water Generator With Internal Pump
- Fully Insulated Water and Refrigerant Lines
- Fully Insulated Compressor Section
- Powder Coated Steel Cabinet with Stainless Steel
- Access Panels for Long Life
- System Operating LED Lights
- Unit Performance Sentinel: Automatic Alert System Lets You Know If The System is Not Running at Peak Performance
- Dual Level Compressor Isolation Mounting for Ultra Quiet Operation
- Multiple Removable Access Panels for Service
- Brazed Plate Heat Exchangers on Both Load and Source Sides
- Three Capacities 036 [8.7 kW], 060 [13.5 kW], & 120 [26.9 kW]
- Dual refrigeration circuits on size 120
- Insulated compressor compartment
- Extended range (20 to 120°F, -6.7 to 48.9°C) operation
- 1" swivel-type water connections for models 036 & 060
- Flush securely-mounted corner post water connections (no backup wrench required) for model 120
- Seven safeties standard
- Up to 130°F entering water temperature (load)
- Intended for closed loop geothermal applications only

Installing HEW on open loop system will void warranty.



BRAZED PLATE WATER-TO-WATER (HEW)

*3, 6, and 10 Tons
Closed Loop Applications Only*



Warranty—10 years on compressor, 10 years on parts
(Some limitations apply; see printed warranty for details.)

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DIMENSIONAL DATA

Capacity	Overall Cabinet			
		Width	Depth	Height
HEW036-60	in	25.4	30.6	33.0
	cm	64.5	77.8	83.8
HEW120	in	52.9	30.6	37.0
	cm	134.4	77.8	94.0

TESTED TO ASHRAE/AHRI/ISO 13256-2 ENGLISH UNITS

Model	Ground Water Heat Pump			
	Cooling		Heating	
	Indoor 53.6°F Outdoor 59°F		Indoor 104°F Outdoor 50°F	
	Capacity Btuh	EER Btuh/W	Capacity Btuh	COP
HEW036	30,400	16.5	26,900	3.1
HEW060	56,700	17.3	47,100	3.1
HEW120	113,400	17.3	94,200	3.1

All ratings based upon 208V operation
Indoor coil also called "Load" and outdoor coil also called "Source"



OPTIONS

	Factory Option
Hot Water Generator with Internal Pump	✓

Due to ongoing product improvements, specifications and dimensions are subject to change and correction without notice or incurring obligations. Determining the application and suitability for use of any product is the responsibility of the installer. Additionally, the installer is responsible for verifying dimensional data on the actual product before beginning any installation preparations. All products meet applicable regulations in effect on date of manufacture; however, certifications aren't necessarily granted for life of the product. It is the responsibility of the applicant to determine whether a specific model qualifies for third party incentive/rebate programs (Federal, state, utilities, etc.).

"This product complies with all California product labeling laws including, but not limited to, the Safe Drinking Water and Toxic Enforcement Act of 1986, more commonly known as Proposition 65."