

HNW Series

The HNW Water-to-Water series offers a wide range of units for most any installation with an extended range refrigerant circuit, intended for open loop (ground water) applications only. As the most adaptable EarthPure® HFC-410A refrigerant units, the HNW 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 HNW 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 Sound
- Multiple Removable Access Panels for Service
- Coaxial Heat Exchangers
- 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)

Installing HNW on closed loop will void warranty



COAXIAL WATER-TO-WATER

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



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

www.marsdelivers.com

DIMENSIONAL DATA

Capacity	Unit	Overall Cabinet		
		Width	Depth	Height
HNW036-060	in	25.4	30.6	33.0
	cm	64.5	77.8	83.8
HNW120	in	52.9	30.6	37.0
	cm	134.4	77.8	94.0

TESTED TO ASHRAE/AHRI/ISO 13256-1 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
HNW036	36,200	23.10	35,300	4.00
HNW060	56,600	20.30	60,300	4.00
HNW120	113,200	20.10	120,600	3.90

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 prior to beginning any installation preparations.

Third party incentive and rebate programs have precise requirements as to product performance and certification. All products meet applicable regulations in effect on date of manufacture; however, certifications are not necessarily granted for the life of a product. Therefore, it is the responsibility of the applicant to determine whether a specific model qualifies for these incentive/rebate programs.

"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."