

### HWW Series Water-to-Water Systems

These flexible systems, available in 3, 5, and 10 ton models, have a wide range of HVAC and industrial applications, and are especially suited to radiant floor installations. They're capable of ground water, ground loop and water loop applications and provide even comfort year 'round.

As with all geothermal models, they offer the benefits of super high efficiency with low operating costs.

Flexibility is a hallmark of geothermal units. As reverse cycle heat pumps, they can provide both hot and chilled water, as well as domestic hot water, all from a single compact unit. Because the HWW units are so compact, they can be installed virtually anywhere indoors.

With no outdoor fan, special mounting systems and 1/2" dual density acoustic type fiberglass cabinet insulation, operation is exceptionally quiet. The units also add a measure of safety as there is no flame, no flue and no odors with which to contend. A system performance monitor signals when it's time for the filter to be changed and also if the system is not running at peak performance. Units come pre-charged with R-410A.



Units can be stacked

Exceeds ASHRAE 90.1 efficiencies

208/230V-1-60 model also available with hot water generator with internal pump

#### FEATURES

- **Microprocessor Controls**—State-of-the-art controls include on-board diagnostics and seven standard Safeties including fault lock-out, loss of charge, refrigerant sensing freeze protection and time delay functions protect the unit and the compressor
- **Quiet Operation**—Double compressor mounting system and compressor compartment insulation minimize operating noise
- **Scroll Compressor**—Dependable design is proven efficient and quiet
- **System Performance Monitoring**—Signals when it's time for the filter to be changed and also when the system is not running at peak performance so maintenance can be scheduled
- **Easy Service Access**—All components can be accessed through a front panel for maintenance and service; side panel can also be opened

#### PERFORMANCE DATA

#### ARI/ASHRAE/ISO 13256-2

Model	Water Loop—BTUH				Ground Loop—BTUH				Shipping Wt. (lbs)
	Cooling @ 86° F EWT*	EER	Heating @ 68° F EWT*	COP	Cooling @ 77° F EWT*	EER	Heating @ 32° F EWT*	COP	
HWW036A	33,000	14.6	44,000	5.0	34,000	16.8	28,000	3.1	373
HWW060A	55,400	14.1	79,000	4.7	58,000	15.4	51,000	3.0	385
HWW120A	110,800	13.8	158,000	4.6	116,000	15.1	102,000	2.9	770

\*Entering Water Temperature

Units available in 208/230-1-60, 208/230-3-60, 460-3-60 and 575-3-60 (no HWW036A); optional CuNi coils also available.

**Limited Warranty—5 years on compressor, 1 year on parts**  
(Some limitations apply; see printed warranty for details.)

Model	Ground Water—BTUH			
	Cooling @ 59° F EWT*	EER	Heating @ 50° F EWT*	COP
HWW036A	37,000	23.1	36,000	4.0
HWW060A	62,600	21.7	61,400	3.8
HWW120A	125,200	21.3	122,900	3.7



1900 Wellworth Ave., Jackson, Michigan 49203 • Ph. 517-787-2100 • Fax 517-787-9341