



WATER SOURCE HEAT PUMP

WSHP



WATER SOURCE HEAT PUMPS

Water Source Heat Pumps (WSHP) are combination cooling and heating units which provide efficient room-by-room comfort. Units function independently and are piped to a central water loop. These state-of-the-art units come with digital controls designed to optimize user comfort and ease of operation. WSHPs are designed to provide years of trouble-free operation and reliable performance in multi-family housing, hotels/motels, dormitories, commercial buildings and similar projects. Units are ideal for new construction, retrofit and replacement applications.



GREEN FEATURES:

- R410A Green refrigerant
- 13.0+ EERs
- Advanced programmable controls
- Ultra-quiet



WHY CHOOSE A WSHP?

- They generally cost less to install than central built-in systems
- Individual zone temperature control
- Design and installation flexibility
- Additional units can be added in the future as needed

CONSOLE WATER SOURCE HEAT PUMP

ICE AIR's Console Water Source Heat Pump offers superior performance, quality manufacturing and heavy duty commercial grade construction. Units provide years of trouble-free operation in commercial, industrial and multi-family buildings. All units function independently and are piped to a central water loop.

- Enclosures available in Flat Top or Slope Top configurations
- Fabricated from furniture grade galvanized steel and finished with designer grade baked powder coating
- Replacement unit for Singer®, McQuay®, Climate Master®, Trane®, Carrier® and other OEM equipment*
- Digital controls
- Factory prepared for full right hand / left hand piping capabilities



MODEL	5HPW09	5HPW13	8HPW09	8HPW13	8HPW16	8HPW19	7HPW09	7HPW13	7HPW16	
VOLTAGE	115		208				277			
COOLING CAPACITY (BTU/H)	9,800	13,500	9,800	13,500	16,500	19,900	9,800	13,500	16,500	
COOLING EER	13.5	13.5	13.0	13.5	14.0	14.0	13.0	13.5	14.0	
HEATING CAPACITY (BTU/H)	12,200	17,600	12,200	17,600	18,500	23,000	18,500	23,000	23,000	
HEATING COP	4.4	4.5	4.4	4.5	4.5	4.7	4.5	4.7	4.7	
TYPICAL CFM	300	350	300	350	400	500	300	350	400	
DIMENSIONS	HPW09 HPW13		WIDTH 46" HEIGHT 25 1/4" DEPTH 11"			HPW16 HPW19		WIDTH 54" HEIGHT 25 1/4" DEPTH 11"		

*Trade names and trademarks shown are the property of their respective owners

VERTICAL STACK WATER SOURCE HEAT PUMP

ICE AIR's Vertical Stack WSHP provides an ideal solution for high efficiency, whisper quiet cooling and heating within a tight footprint. With the lowest sound levels and smallest footprints available, our VWSHPs offer superior value – efficiently heating and cooling single or multiple spaces at low installation and operating costs. And, all of our units come equipped with features that others provide as expensive add-on options. Full thermal and acoustical insulation, advanced electronic control interface, high and low pressure protection, condensate overflow sensors, are all standard.

- Ideal for condominiums, lodging, educational and institutional properties
- Heavy gauge galvanized stack casings
- Slide-out motor/blower assembly for easy service
- Powder coated decorator front covers (custom colors available)
- Available optional riser and piping packages



MODEL	8VHPW09	8VHPW12	8VHPW15	8VHPW18	8VHPW24	8VHPW30	8VHPW36
VOLTAGE	208						
COOLING CAPACITY (BTU/H)	9,100	12,500	13,900	18,100	25,400	31,200	36,500
COOLING EER	13.0	13.0	13.1	13.0	13.3	13.0	13.0
HEATING CAPACITY (BTU/H)	12,500	15,100	18,100	24,300	31,300	35,400	40,700
HEATING COP	4.5	4.5	4.6	4.5	4.5	4.5	4.4
TYPICAL CFM	400	450	550	680	800	1050	1250
DIMENSIONS	88" H, 16" W, 17" D			88" H, 18" W, 20" D		88" H, 22" W, 24" D	



CUSTOM HVAC EQUIPMENT – ADVANCED PRODUCT SOLUTIONS

All of ICE AIR's advanced HVAC equipment can be customized for specific project and customer requirements. Please contact your local sales representative for solutions to your most difficult custom requirements, including:

- Retrofit and replacement of old or obsolete equipment
- Custom enclosures and sheet metal casings
- Special unit configurations and specifications

For more information, visit www.ice-air.com/M2M.

HORIZONTAL WATER SOURCE HEAT PUMP

Conserve space with ICE AIR's Horizontal WSHP. Their low profile design ensures that they take up as little space as possible and provide superior energy efficiency. These units are installed inside the ceiling and are completely concealed.

Flexible control options, variable air discharge outlets and easy service access provide superior design and installation options. High unit EERs, high efficiency fan motors and low-speed fan operation provide low operating costs and reduced energy consumption. Corrosion-free drain pans are designed to eliminate standing water, thus preventing microbial growth and improving indoor air quality.

- Perfect for new construction or replacement projects
- Side or end-discharge can be field changed
- Rotary or scroll compressors

GREEN FEATURES:

- R-410A Green refrigerant
- 13.0+ EERs
- Advanced programmable controls
- Ultra-quiet



MODEL	5HHPW07	5HHPW09	5HHPW12	8HHPW15	8HHPW19	8HHPW24	8HHPW30	8HHPW36	8HHPW42	8HHPW48	8HHPW60	8HHPW70
VOLTAGE	115						208					
COOLING CAPACITY (BTU/H)	6,800	8,500	11,700	17,100	19,700	25,500	33,300	37,800	42,500	47,000	58,000	71,500
COOLING EER	12.7	12.2	12.3	14.2	13.4	12.8	13.5	13.5	12.2	13.2	13.2	12.5
HEATING CAPACITY (BTU/H)	9,000	11,200	15,200	20,400	24,500	31,300	39,700	46,100	51,900	55,300	70,200	83,300
HEATING COP	4.7	4.3	4.2	4.6	4.6	4.4	4.5	4.6	4.2	4.5	4.9	4.3
TYPICAL CFM	230	300	400	500	630	800	1000	1200	1400	1600	2000	2400
DIMENSIONS	11 1/2" H, 34" W, 20" D			19" H, 42" W, 20" D			20" H, 46" W, 21" D			23" H, 52" W, 28" D		

NEW FOR 2012!

Hybrid Water Cooled A/C Hydronic Heat Units

- Water cooled air conditioner
- Low Temp hydronic heat (105°-120°F EWT)
- Super energy efficiency
- High-capacity hot water heat at low water temperatures
- Green, LEED positive products
- Available in Vertical Stack and Console configurations



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