

## High Efficiency Indoor Water Source Heat Pump

**MODEL NUMBER** HPX144H-C

**FEATURE INFORMATION**

Configuration	Horizontal
Cabinet	Stainless Steel Exterior Panels, Insulated Evap Section, Access Panels
Drain Pan	Stainless Steel, Insulated
Control & Safety Devices	Overload Protection, Intelligent Automatic Reset, Solid State Lock-out Circuit – HPS, LPS, Condensate Switch, LPS Bypass Timer
Blowers	Centrifugal Galvanized Wheel(s), X13 ECM Motor
Ref. Circuit(s)	Thermal Expansion Valve(s), Filter Drier(s), Sight Glass(es)
Condenser Coil	Coaxial Cupronickel Heat Exchanger & Steel Jacket
Evaporator Coil	Copper Tubes, Aluminum Fins
Refrigerant	R410A
Option	None

**UNIT PERFORMANCE**

	<b>Water Loop</b>	<b>Ground Water</b>	<b>Ground Loop</b>
Evap. Cooling Capacity – Btu/Hr	140,000	160,000	145,000
EER	13.0	18.2	15.3
Heating Capacity. – Btu/Hr (heat pump mode)	161,000	131,500	104,000
C.O.P. (heat pump mode)	4.3	3.8	3.2
Entering Water Temp. – Cooling/Heating (°F)	86/68	59/50	77/32
Water Flow - GPM	36.0	36.0	36.0
Air Volume - CFM	4,400		
Coil Face Velocity - FPM	391		
Coil Ent. Air Temp. (°F)	Cooling DB/WB: 80.6°F / 66.2°F		

Blower(s) Size & Quantity	10" x 10" x 2	FLA (each) = 7.6
Evap. Fan Motor – HP & Quantity	1 x 2	
No. of Circuits / Capacity Steps	2 / 2	LRA (each) = 123.0
Compressor(s) Type & Quantity	Scroll x 2	
Voltage Rating	208-230/3/60	RLA (each) = 19.0
Min. Amp. / Max. Fuse - Amps	58 / 70	
Dimensions L" x W" x H	93.25 x 37.25 x 21.25	

*Notes:*

1. Unit is subject to change without notice.
  2. Unit is available in various configurations.
  3. For ratings with conditions other than standard consult Miami Heat Pump.
  4. Ground water and ground loop units to be defined as such when order is placed.
- \*With antifreeze*