

High Efficiency Indoor Water Source Heat Pump

MODEL NUMBER HPX180V-C

FEATURE INFORMATION

Configuration	Vertical
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

	Water Loop	Ground Water	Ground Loop
Evap. Cooling Capacity – Btu/Hr	179,950	192,480	187,470
EER	12.9	17.3	15.3
Heating Capacity. – Btu/Hr (heat pump mode)	211,800	164,160	114,230
C.O.P. (heat pump mode)	4.7	4.0	3.2
Entering Water Temp. – Cooling/Heating (°F)	86/68	59/50	77/32
Water Flow - GPM	46.0	46.0	46.0
Air Volume - CFM	6,000		
Coil Face Velocity - FPM	533		
Coil Ent. Air Temp. (°F)	Cooling DB/WB: 80.6°F / 66.2°F		

Blower(s) Size & Quantity	15" x 15" x 1	FLA (each) = 6.0
Evap. Fan Motor – HP & Quantity	3 x 1	
No. of Circuits / Capacity Steps	2 / 2	LRA (each) = 158.0
Compressor(s) Type & Quantity	Scroll x 2	
Voltage Rating	208-230/3/60	RLA (each) = 21.8
Min. Amp. / Max. Fuse - Amps	61 / 80	
Dimensions L" x W" x H	48.5 x 32 x 68.50	

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*