



# Miami Heat Pump

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## UNIT SPECIFICATION DATA SHEET

### UNIT MODEL

**HPX 031H - SS**  
**Water Source Heat Pump**  
**AHRI Certified Reference # 4547870**



EnergyStar # 1105381

### FEATURE INFORMATION

CABINET - Stainless Steel, Insulated Evaporator Section, Access Panels  
 DRAIN PAN - Stainless Steel, Insulated.  
 SAFETY - High/Low Press. Switches, Condensate Over-Flow Switch, Overload Protection  
 Anti Short Cycle Relay/s, Lock-out Relay/s  
 BLOWER/S - Centrifugal Galvanized Wheel/s, BLDC Motor  
 REF. CIRCUITS - Thermal Expansion Valve 1 circuit  
 COND. COIL - Coaxial - Cupronickel Haet Exchanger - & Steel Jacket,  
 EVAP. COIL - Copper Tubes, Aluminum Fins  
 REFRIGERANT- R-410A



### UNIT PERFORMANCE

EVAP COOLING CAPACITY - BTU/HR	WLHP 31,000	GWHP 39,000	GLHP 31,800
HEATING CAP. - BTU/HR (HEAT PUMP MODE)	WLHP 36,000	GWHP 27,000	GLHP 20,000
FACE VELOCITY - FPM	277		
COIL ENTERING AIR TEMP. DB/WB - °F	80.6° / 66.2°		

### BLOWER/S

AIR VOLUME - CFM	1000		
ESP - IN H2O	0.65		
BLOWER SIZE & QTY	10" x 7" / 1		
FAN MOTOR - HP & QTY	1/3 / 1	FLA(EA)= 2.8 A	

### CONDENSER/S

WATER FLOW - GPM	7.5		
ENTERING WATER TEMP. °F	WLHP 86.0°	GWHP 59.0°	GLHP 77.0°
WATER PRESS. DROP - FT H2O	17.1		

### COMPRESSOR

NO. OF CIRCUIT / CAPACITY STEPS	1 / 1		
TYPE & QTY	Scroll / 1	RLA(EA)= 14.7 A	LRA(EA)= 72.5 A

### GENERAL

VOLTAGE RATING / PHASE / HERTZ	230/1/60		
E.E.R.	WLHP 16.0	GWHP 26.0	GLHP 17.6
C.O.P (HEAT-PUMP ONLY)	WLHP 4.8	GWHP 4.1	GLHP 3.6
MIN AMP. / MAX FUSE - AMPS.	24 / 35		
DIMENSION W" X L" X H"	21.50" x 33.50" x 20.75"		
WEIGHT - NET - LBS.	210		
WATER CONNECTION SIZE	3/4		
DRAIN CONNECTION SIZE	3/4		

### NOTES:

1. UNIT ARE SUBJECT TO CHANGE WITHOUT NOTICE
2. UNIT IF AVAILABLE IN DIFFERENT CONFIGURATIONS AND VOLTAGE RATINGS