



UNIT SPECIFICATION DATA SHEET

UNIT MODEL (HR) HPW180V

Geothermal Heat Pump

FEATURE INFORMATION

CONFIGURATION - Vertical
 CABINET - Stainless Steel Exterior Panels, Insulated Evaporator Section, Access Panels
 DRAIN PAN - Stainless Steel, Insulated.
 SAFETY - Intelligent Automatic Reset, Condensate Switch, Overload Protection, LPS, HPS, LPS Bypass Timer, Solid State Lock-out
 BLOWER/S - Centrifugal Galvanized Wheel/s and Housing/s, Belt Driven
 REF. CIRCUITS - Thermal Expansion Valve/s, Filter Drier/s, Sight Glass/es
 COND. COIL - Coaxial - Cupronickel Heat Exchanger - & Steel Jacket,
 EVAP. COIL - Copper Tubes, Aluminum Fins
 REFRIGERANT- R-410A

UNIT PERFORMANCE

EVAP COOLING CAPACITY - BTU/HR	WLHP	179,950	GWHP	192,480	GLHP	187,470
HEATING CAP. - BTU/HR (HEAT PUMP MODE)	WLHP	211,800	GWHP	164,160	GLHP	114,230
FACE VELOCITY - FPM		533				
ESP		1.25				
COIL ENTERING AIR TEMP. DB/WB - °F		80.6 / 66.2				

BLOWER/S

AIR VOLUME - CFM	6,000			
BLOWER SIZE & QTY	15" X 15" x 1			
FAN MOTOR - HP & QTY	3 x 1	FLA(EA)=	6.0 A	

CONDENSER/S

WATER FLOW - GPM	46.0				
ENTERING WATER TEMP. °F	COOL / HEAT	WLHP	86/68	GWHP 59/50	GLHP 77/32

COMPRESSOR

NO. OF CIRCUIT / CAPACITY STEPS	2 / 2			
TYPE & QTY	SCROLL x 2	RLA(EA)=	21.8	LRA(EA)= 158.0

GENERAL

VOLTAGE RATING / PHASE / HERTZ	208-230/3/60					
E.E.R.	WLHP	14.9	GWHP	18.5	GLHP	16.3
C.O.P (HEAT-PUMP ONLY)	WLHP	4.7	GWHP	4.0	GLHP	3.3
MIN AMP. / MAX FUSE - AMPS.	61 /	80				
DIMENSION W" X L" X H"	48.5 x 32 x 68.50					
WEIGHT - NET - LBS.	720					

NOTES:

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