

Swimming Pool, Aquaculture and Geothermal Heat Pumps

UNIT SPECIFICATION DATA SHEET

UNIT MODEL **HRHPX031H**

Water Source Heat Pump



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