

Swimming Pool, Aquaculture and Geothermal Heat Pumps

UNIT SPECIFICATION DATA SHEET

UNIT MODEL HRHPX048V

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, X13 ECM Motor
REF. CIRCUITS -	Thermal Expansion Valve 1 circuit
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 51,000	GWHP 57,000	GLHP 53,300
HEATING CAP. - BTU/HR (HEAT PUMP MODE)	WLHP 58,000	GWHP 50,000	GLHP 39,000
FACE VELOCITY - FPM	281		
COIL ENTERING AIR TEMP. DB/WB - °F	80.6° / 66.2°		

BLOWER/S

AIR VOLUME - CFM	1600		
ESP - IN H2O	0.75		
BLOWER SIZE & QTY	10" x 10" / 1		
FAN MOTOR - HP & QTY	3/4 / 1		
	FLA(EA)=	6.0 A	

CONDENSER/S

WATER FLOW - GPM	12.0		
ENTERING WATER TEMP. °F	WLHP 86.0°	GWHP 59.0°	GLHP 77.0°
WATER PRESS. DROP - FT H2O	0		

COMPRESSOR

NO. OF CIRCUIT / CAPACITY STEPS	1 / 1		
TYPE & QTY	Scroll / 1	RLA(EA)= 24.3 A	LRA(EA)= 117.0 A

GENERAL

VOLTAGE RATING / PHASE / HERTZ	230/1/60		
E.E.R.	WLHP 18.0	GWHP 27.0	GLHP 20.0
C.O.P (HEAT-PUMP ONLY)	WLHP 5.0	GWHP 4.3	GLHP 3.6
MIN AMP. / MAX FUSE - AMPS.	36 / 50		
DIMENSION W" X L" X H"	26" X 24 x 43"		
WEIGHT - NET - LBS.	320		
WATER CONNECTION SIZE	1		
DRAIN CONNECTION SIZE	3/4		

NOTES:

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