

Swimming Pool, Aquaculture and Geothermal Heat Pumps

UNIT SPECIFICATION DATA SHEET

UNIT MODEL HRHPX041V

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 41,000 | GWHP 47,000 | GLHP 44,000 |
| HEATING CAP. - BTU/HR (HEAT PUMP MODE) | WLHP 47,000 | GWHP 37,500 | GLHP 26,500 |
| FACE VELOCITY - FPM | 388 | | |
| COIL ENTERING AIR TEMP. DB/WB - °F | 80.6° / 66.2° | | |

BLOWER/S

| | | | |
|----------------------|--------------|----------------|--|
| AIR VOLUME - CFM | 1400 | | |
| ESP - IN H2O | 0.65 | | |
| BLOWER SIZE & QTY | 10" x 7" / 1 | | |
| FAN MOTOR - HP & QTY | 3/4 / 1 | FLA(EA)= 6.0 A | |

CONDENSER/S

| | | | |
|----------------------------|------------|------------|------------|
| WATER FLOW - GPM | 10.5 | | |
| ENTERING WATER TEMP. °F | WLHP 86.0° | GWHP 59.0° | GLHP 77.0° |
| WATER PRESS. DROP - FT H2O | 15.5 | | |

COMPRESSOR

| | | | |
|---------------------------------|-------|-----------------|------------------|
| NO. OF CIRCUIT / CAPACITY STEPS | 1 / 1 | | |
| TYPE & QTY | 1 / 1 | RLA(EA)= 17.9 A | LRA(EA)= 112.0 A |

GENERAL

| | | | |
|--------------------------------|---------------------|-----------|-----------|
| VOLTAGE RATING / PHASE / HERTZ | 230/1/60 | | |
| E.E.R. | WLHP 16.0 | GWHP 21.4 | GLHP 17.2 |
| C.O.P (HEAT-PUMP ONLY) | WLHP 4.8 | GWHP 4.1 | GLHP 3.6 |
| MIN AMP. / MAX FUSE - AMPS. | 28 / 45 | | |
| DIMENSION W" X L" X H" | 21.5" X 21.5" X 39" | | |
| WEIGHT - NET - LBS. | 220 | | |
| 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