



Standard features

- Air-source hydronic heatpump with EVI (Enhanced Vapor Injection) DC variable speed compressor
- Packaged mono-block design
- R410a refrigerant
- No refrigeration lines required
- Panasonic EVI DC Inverter Compressor
- Ability to operate as low as -22 °F (-30 °C)
- Reversible operation for heating and chilling
- Automatic integration of backup/emergency heat
- Intelligent defrost based on ambient temperature
- Ultra-quiet axial fans
- Evaporator and condenser fins epoxy coated for a high degree of corrosion resistance
- Wi-Fi enabled for full remote control and adjustability
- TUV certified for USA and Canada



| Performance Specification | | | |
|---------------------------|-----------------|-----------|---------------|
| Cooling capacity | Ambient DB | BTUH / kW | 35,826 / 10.5 |
| Power input | 95.0 °F (35 °C) | kW | 4.2 |
| Current draw | LWT/supply | A | 18.9 |
| COP | 44.6 °F (7 °C) | W/W | 2.5 |
| Cooling capacity | Ambient DB | BTUH / kW | 50,156 / 14.7 |
| Power input | 82.2 °F (28 °C) | kW | 4.7 |
| Current draw | LWT/supply | A | 21.5 |
| COP | 53.6 °F (12 °C) | W/W | 3.1 |
| Heating capacity | Ambient DB | BTUH / kW | 47,768 / 14.0 |
| Power input | 44.6 °F (7 °C) | kW | 4.4 |
| Current draw | LWT/supply | A | 20.0 |
| COP | 113 °F (45 °C) | W/W | 3.2 |
| Heating capacity | Ambient DB | BTUH / kW | 39,238 / 11.5 |
| Power input | 19.4 °F (-7 °C) | kW | 3.7 |
| Current draw | LWT/supply | A | 16.7 |
| COP | 113 °F (45 °C) | W/W | 3.1 |
| Heating capacity | Ambient DB | BTUH / kW | 28,320 / 8.3 |
| Power input | -4 °F (-20 °C) | kW | 4.7 |
| Current draw | LWT/Supply | A | 21.3 |
| COP | 113 °F (45 °C) | W/W | 1.8 |

| Performance Specification | | |
|---|--|----------------------------|
| Power supply | V / PH / Hz | 220-240VAC 1 PH / 60 Hz |
| Max. current | A | 28 |
| Breaker size | A | 40 |
| Refrigerant | | R410A |
| Water connections | Inch | 1" |
| Water flow rate | GPM | 11.0 |
| Water pressure drop | ft head | 11.4 |
| Dimensions (L x D x H) | Inch | 47" / 18.5" / 50" |
| | mm | 1195 / 470 / 1285 |
| Unit weight | Lbs. / kg | 282 / 128 |
| Sound level | dB(A) | 55 |
| IP Rating | | IPX4 |
| <i>Arctic Heatpumps reserves the right to make changes without notice due to continuing engineering and technological advances.</i> | | |
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