



### 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<br>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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