



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
- 2019-2020 ENERGY STAR® Emerging Technology Award Winning Air-to-Water Heat Pumps
- TUV certified for USA and Canada



| Performance Specification | | | |
|---------------------------|-----------------|-----------|--------------|
| Cooling capacity | Ambient DB | BTUH / kW | 24,225 / 7.1 |
| Power input | 95.0 °F (35 °C) | kW | 2.9 |
| Current draw | LWT/supply | A | 13.2 |
| COP | 44.6 °F (7 °C) | W/W | 2.4 |
| Cooling capacity | Ambient DB | BTUH / kW | 21,496 / 6.3 |
| Power input | 82.2 °F (28 °C) | kW | 2.0 |
| Current draw | LWT/supply | A | 9.2 |
| COP | 53.6 °F (12 °C) | W/W | 3.1 |
| Heating capacity | Ambient DB | BTUH / kW | 28,320 / 8.3 |
| Power input | 44.6 °F (7 °C) | kW | 2.7 |
| Current draw | LWT/supply | A | 12.4 |
| COP | 113 °F (45 °C) | W/W | 3.3 |
| Heating capacity | Ambient DB | BTUH / kW | 23,884 / 7.0 |
| Power input | 19.4 °F (-7 °C) | kW | 2.2 |
| Current draw | LWT/supply | A | 10.0 |
| COP | 113 °F (45 °C) | W/W | 3.2 |
| Heating capacity | Ambient DB | BTUH / kW | 18,776 / 5.5 |
| Power input | -4 °F (-20 °C) | kW | 3.2 |
| Current draw | LWT/Supply | A | 14.5 |
| COP | 113 °F (45 °C) | W/W | 1.7 |

| Performance Specification | | |
|---|--|--|
| Power supply | V / PH / Hz | 220-240VAC 1 PH / 60 Hz |
| Max. current | A | 18 |
| Breaker size | A | 30 |
| Refrigerant | | R410A |
| Water connections | Inch | 1" |
| Water flow rate | GPM | 6.5 |
| Water pressure drop | ft head | 10 |
| Dimensions (L x D x H) | Inch mm | 45" / 18.5" / 33" 1145 / 430 / 1340 |
| Unit weight | Lbs. / kg | 203 / 92 |
| Sound level | dB(A) | 53 |
| IP Rating | | IPX4 |
| <i>Arctic Heatpumps reserves the right to make changes without notice due to continuing engineering and technological advances.</i> | | |
| Arctic Heatpumps 835 Kapelus Dr. West St Paul, MB R4A 5A4 Canada | (866) 800-8123 www.arcticheatpumps.com/ sales@arcticheatpumps.com | |