



**ARCTIC** HEAT PUMPS

Heating and Cooling. Reimagined.

**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	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	11
Dimensions (L x D x H)	Inch	45.07/18.5/34.76
	mm	1145 / 470 / 883
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>		
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