



**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
- 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	41,626 / 12.2
Power input	95.0 °F (35 °C)	kW	5.0
Current draw	LWT/supply	A	22.6
COP	44.6 °F (7 °C)	W/W	2.5
Cooling capacity	Ambient DB	BTUH / kW	60,051 / 17.6
Power input	82.2 °F (28 °C)	kW	5.7
Current draw	LWT/supply	A	25.9
COP	53.6 °F (12 °C)	W/W	3.1
Heating capacity	Ambient DB	BTUH / kW	58,004 / 17.0
Power input	44.6 °F (7 °C)	kW	5.4
Current draw	LWT/supply	A	24.5
COP	113 °F (45 °C)	W/W	3.1
Heating capacity	Ambient DB	BTUH / kW	46,062 / 13.5
Power input	19.4 °F (-7 °C)	kW	4.3
Current draw	LWT/supply	A	19.7
COP	113 °F (45 °C)	W/W	3.1
Heating capacity	Ambient DB	BTUH / kW	33,096 / 8.3
Power input	-4 °F (-20 °C)	kW	5.6
Current draw	LWT/Supply	A	25.4
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	28
Breaker size	A	40
Refrigerant		R410A
Water connections	Inch	1"
Water flow rate	GPM	13.0
Water pressure drop	ft head	11.8
Dimensions (L x D x H)	Inch mm	40.5" / 16.9" / 52.8" 1030 / 430 / 1340
Unit weight	Lbs. / kg	289 / 131
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>		
Arctic Heatpumps 835 Kapelus Dr. West St Paul, MB R4A 5A4 Canada	(866) 800-8123 <a href="http://www.arcticheatpumps.com/">www.arcticheatpumps.com/</a> <a href="mailto:sales@arcticheatpumps.com">sales@arcticheatpumps.com</a>	