ProAir



LIMITED WARRANTY
10 YEARS
PARTS

LIMITED WARRANTY
10 YEARS
COMPRESSOR



ARCTIC MASTER HEAT PUMP with A-COIL

CONTINUOUS OPERATION
-30°C



Why Choose ProAir?

Industry-Leading Technology – Backed by years of HVAC expertise, ProAir ensures top-tier performance and reliability.
Comprehensive Support – Dedicated customer service and after-sales support for hassle-free ownership.
Sustainable & Cost-Effective – Designed to lower energy consumption and reduce long-term operational costs.



-30°C

Continuous Operation
as Cold as -30°C



Arctic Master Series – Designed for Ultimate Efficiency & Comfort



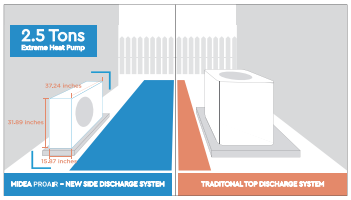
Extreme Cold Performance

- Built to withstand harsh winters, delivering reliable heating down to -30°C (-22°F).
- Maintains 100% heating capacity at -25°C (-13°F) for consistent warmth.



Hybrid & Dual Fuel Compatibility

- Works seamlessly with gas furnaces for an efficient dual-fuel system.
- Optimizes energy use by switching between electricity and gas based on outdoor conditions.



Space-Saving Compact Design

- Slim and versatile to fit in tight spaces, ideal for homes, apartments, and businesses.
- Designed for easy installation without compromising performance.



Introducing the Arctic Master Series

The Arctic Master Series is designed to deliver superior heating and cooling performance in extreme climates. Built with cutting-edge technology, it ensures energy efficiency, durability, and year-round comfort for homes and businesses.

Energy Efficiency

Achieves up to 19 SEER2, 10.8 HSPF2, and 2.14 COP at -15°C (5°F) for cost-effective operation.

Advanced Compressor Technology

Enhances heating performance, even in harsh weather conditions.

Quiet & Durable

Designed for low-noise operation with a sturdy construction built to last.

Smart & Easy Installation

Works with existing systems and supports wireless controls for seamless integration.

Eco-Friendly Refrigerant

Utilizes low-GWP R-410a refrigerant to reduce environmental impact.

ARCTIC MASTER HEAT PUMP w/ A-COIL

AHRI#			215449958	215449959	215449962	215449961
Capacity			2 Ton	2.5 Ton	3 Ton	3.5 Ton
Indoor*			PAC-24B-HWDN1	PAC-36B-HWND1	PAC-36B-HWND1	PAC-36B-HWND1
Outdoor			P30-24HFN1	P30-30HFN1	P30-36HFN1-S	P30-40HFN1-D
Power Supply (Outdoor)		V-Ph-Hz	208/230V,1PH,60Hz	208/230V,1PH,60Hz	208/230V,1PH,60Hz	208/230V,1PH,60Hz
Cooling (Standard conditions)	Capacity (range)	Btu/hr	24000 (10000 - 28400)	29000 (9900 - 36000)	36000 (11700 - 40000)	38000 (11700 - 40000)
	Input	W	2247 (380 - 2600)	2855 (660 - 3720)	3354 (800 - 4100)	3530 (800 - 5000)
	Current	A	9.43 (2.33 - 10.68)	11.1 (3.10 - 14.4)	14.8 (3.5 - 21)	14.8 (3.5 - 21)
	EER2	Btu/hr/W	10.7	10	10	10
	SEER2	Btu/hr/W	16.8	15.2	15.2	15.2
Heating (Standard conditions)	Capacity (range)	Btu/hr	25000 (9600 - 33400)	31000 (9000 - 34000)	36000 (9200 - 40000)	42000 (9200 - 50000)
	Input	W	2233 (510 - 3160)	2850 (640 - 3300)	3600 (800 - 5000)	4000 (800 - 5000)
	Current	A	9.30 (3.01 - 12.92)	11.0 (3.00 - 13)	15.65 (3.5 - 21)	15.65 (3.5 - 21)
	COP	W/W	3.28	3.39	3.2	3.18
	HSPF2 (Region IV)	Btu/hr/W	9.5	8.5	8.5	10
	HSPF2 (Region V)	Btu/hr/W	7.7	6.6	6.6	6.6
Heating (H42)5F (-15)	Rated Capacity	Btu/hr	20000	22600	30000	32000
	COP	W/W	1.95	1.8	1.8	2
	Capability Ratio	%	81.20	73	83	80.00
Throttle Type		/	TXV for Cooling	TXV for Cooling	TXV for Cooling	TXV for Cooling
Indoor Unit	Dimension (W*D*H)	mm	445 x 533 x 457	445 x 533 x 599	533 x 533 x 609	533 x 533 x 609
	Dimension (W*D*H)	inch	17.52 x 20.98 x 17.99	17.52 x 20.98 x 23.58	20.98 x 20.98 x 23.58	20.98 x 20.98 x 23.58
	Packing (W*D*H)	mm	505 x 650 x 490	520 x 665 x 645	595 x 650 x 645	595 x 650 x 645
	Packing (W*D*H)	inch	19.88 x 25.59 x 19.29	20.47 x 26.18 x 25.39	23.43 x 25.59 x 25.39	23.43 x 25.59 x 25.39
	Net/Gross Weight	kg	19.4/23.6	27.3/31.3	30.2/35	30.2/35
	Net/Gross Weight	lb	42.77/52.03	60.19/69.00	66.58/77.16	66.58/77.16
Outdoor Noise Level		dB(A)	63.5	62	61	61
Throttle Type		/	EEV for Heating	EEV for Heating	EEV for Heating	EEV for Heating
Outdoor Unit	Dimension (W*D*H)	mm	946 x 410 x 810	946 x 410 x 810	980 x 375 x 975	952 x 415 x 1333
	Dimension (W*D*H)	inch	37.24 x 16.14 x 31.89	37.24 x 16.14 x 31.89	38.58 x 14.76 x 38.39	37.48 x 16.34 x 52.48
	Packing (W*D*H)	mm	1090 x 500 x 885	1090 x 500 x 885	1145 x 500 x 1080	1095 x 495 x 1480
	Packing (W*D*H)	inch	42.91 x 19.69 x 34.84	42.91 x 19.69 x 34.84	45.08 x 19.69 x 34.84	45.08 x 19.69 x 58.27
	Net/Gross Weight	kg	62/66	72.5/77	92.4/106.4	103/116
	Net/Gross Weight	lb	136.69/145.50	159.83/169.75	203.71/234.57	227.7/255.73
Refrigerant Type			R410A	R410A	R410A	R410A

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