ProAir

Manufactured by Midea



ARCTIC PRO HEAT PUMP with A-COIL

Introducing the Arctic Pro Series

Experience cutting-edge technology with the Arctic Pro Series heat pumps, designed for maximum efficiency and performance. Pro Air brings you an advanced heating and cooling solution that ensures year-round comfort in your home or business.

Why Choose ProAir?

Industry-Leading Innovation –
ProAir ensures top-tier performance and reliability with advanced HVAC solutions.

Comprehensive Support –
Our dedicated customer service team provides professional assistance from installation to maintenance.

Sustainable & Cost-Effective –
Designed to reduce energy consumption and operational costs, making it a smart long-term investment.

Key Features of the Arctic Pro Series

Superior Efficiency (up to 16 SEER2):
Arctic Pro heat pumps use the latest energy-saving technology, reducing electricity consumption while maintaining optimal temperature control.

Compact & Versatile Design:
The sleek, space-efficient outdoor unit is perfect for installations with limited space, allowing flexible placement options without compromising performance.

Advanced Variable-Speed Compressor:
Enjoy precise temperature control and enhanced energy efficiency with inverter technology that dynamically adjusts the compressor speed to match your cooling and heating needs.

Quiet Operation:
Enjoy a peaceful indoor environment with noise-reduction technology that keeps your heat pump running smoothly and silently.

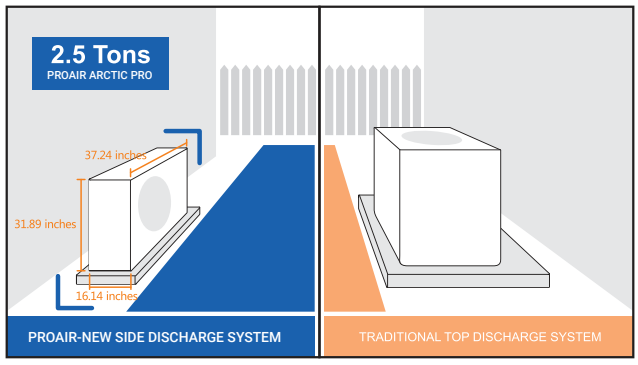
Smart Control Features:
Control your Arctic Pro heat pump remotely with advanced smart technology, making temperature adjustments convenient and hassle-free.

Up to 10-Year Warranty

LIMITED WARRANTY
10 YEARS
PARTS

LIMITED WARRANTY
10 YEARS
COMPRESSOR

Compact Size Fits Any Space



ARCTIC PRO HEAT PUMP w/ A-COIL

Capacity			1.5 TON	2 TON	2.5 TON	3 TON	4 TON	5 TON
Indoor			PAC-24B-HWND1	PAC-24B-HWND1	PAC-36B-HWND1	PAC-36B-HWND1	PAC-48B-HWND1	PAC-60B-HWND1
Outdoor			P15-18REFN1	P15-24REFN1	P15-30REFN1	P15-36REFN1	P15-48REFN1	P15-60REFN1
Power Supply (Outdoor)		V-Ph-Hz	208/230V,1Ph,60Hz	208/230V,1Ph,60Hz	208/230V,1Ph,60Hz	208/230V,1Ph,60Hz	208/230V,1Ph,60Hz	208/230V,1Ph,60Hz
Cooling (Standard Conditions)	Capacity (range)	Btu/hr	18000 (5800~18600)	24000 (9800~28200)	30000 (8000~33000)	36000 (8000~38000)	48000 (12000~48000)	53000 (13000~55000)
	Input	W	1770 (250~1890)	2400 (380~2990)	2950 (520~3780)	3875 (520~4150)	5650 (540~5330)	5874 (550~6260)
	Current	A	7.39 (1.0~8.0)	9.0 (1.0~12.0)	12 (2.4~16)	16.85 (2.26~18)	22.3 (3~22.5)	23.8 (2.2~25.3)
	EER2	Btu/hr/W	10.2	10.0	10.2	9.3	8.6	9
	SEER2	Btu/hr/W	15.6	16.0	14.9	14.4	14.3	15.2
Heating (Standard Conditions)	Capacity (range)	Btu/hr	18500 (6500~19800)	25600 (9700~31000)	31000 (8000~34000)	35000 (8000~40000)	51000 (11000~54000)	54000 (15000~63000)
	Input	W	1705 (480~2100)	2246 (510~3000)	2650 (550~3000)	3216 (600~3100)	5150 (710~5580)	5050 (790~5900)
	Current	A	7.64 (2.0~11.0)	8.5 (2.0~12.0)	10.5 (2.6~12.5)	13.98 (2.61~13.5)	22 (3.6~22.5)	20 (4.13~25)
	COP	W/W	3.18	3.34	3.32	3.19	2.90	3.13
	HSPF4	Btu/hr/W	8.6	9.8	9.3	8	8.3	8.5
	HSPF5	Btu/hr/W	6.9	8.0	7.1	6.2	6.6	6.6
Heating (H42) 5F (-15C)	Rated Capacity	Btu/hr	10400	18500	19000	20800	28000	32000
	COP	W/W	1.94	2.20	1.81	1.9	1.8	1.9
	Capability Ratio	%	56.22	72.27	61.29	59.43	56.86	60.38
Throttle Type		/	TXV for Cooling	TXV for Cooling	TXV for Cooling	TXV for Cooling	TXV for Cooling	TXV
Indoor Unit	Dimension (W*D*H)	mm	445x533x457	445x533x457	533x533x609	533x533x609	533x533x609	622x533x711
	Dimension (W*D*H)	inch	17.52x20.98x17.99	17.52x20.98x17.99	20.98x20.98x23.98	20.98x20.98x23.98	20.98x20.98x23.98	24.49x20.98x27.99
	Packing (W*D*H)	mm	505x650x490	505x650x490	595x650x645	595x650x645	595x650x645	690x650x745
	Packing (W*D*H)	inch	19.88x25.59x19.29	19.88x25.59x19.29	23.43x25.59x25.39	23.43x25.59x25.39	23.43x25.59x25.39	27.17x25.59x29.33
	Net/Gross Weight	kg	19.4/23.6	19.4/23.6	30.2/35	30.2/32	30.2/32	39.3/44.6
	Net/Gross Weight	lb	42.77/52.03	42.77/52.03	66.58/77.16	66.58/77.16	66.58/77.16	86.64/98.33
Minimum Circuit Ampacity (Outdoor)		A	16	19	20	24	34	34
Max. Fuse (Outdoor)		A	20	30	35	40	50	60
Outdoor Noise Level		dB(A)	58	61.5	63	61.5	63	65
Throttle Type		/	EEV for Heating	EEV for Heating	EEV for Heating	EEV for Heating	EEV for Heating	EEV for Heating
Outdoor Unit	Dimension (W*D*H)	mm	805x330x554	890x342x673	946x410x810	946x410x810	952x415x1333	952x415x1333
	Dimension (W*D*H)	inch	31.69x12.99x21.81	35.04x13.46x26.50	37.24x16.14x31.89	37.24x16.14x31.89	37.48x16.34x52.48	37.48x16.34x52.48
	Packing (W*D*H)	mm	915x370x615	995x398x740	1090x500x885	1090x500x885	1095x495x1480	1095x495x1480
	Packing (W*D*H)	inch	36.02x14.57x24.21	39.17x15.67x29.13	42.91x19.69x34.84	42.91x19.69x34.84	43.11x19.49x58.27	43.11x19.49x58.27
	Net/Gross Weight	kg	34.4/36.9	46.4/49.5	64.3/68.7	68.8/73.1	98.7/112.8	98.5/112.7
	Net/Gross Weight	lb	75.84/81.35	102.29/109.13	141.76/151.46	151.68/161.16	217.59/248.68	217.15/248.46
Refridgerant Type			R410A	R410A	R410A	R410A	R410A	R410A
Rebate Qualified			No	Yes	No	No	No	No

ASCEND GROUP

+1-866-866-4332
info@ascend-group.ca
5616 McAdam Rd, Mississauga, ON L4Z 1P1