

MORELIS

Ultimate comfort & efficiency

For those who accept nothing less than the best, Moovair Morelis was designed to push the boundaries of home comfort. Built for homeowners who prioritize premium performance, it represents the peak of energy efficiency, climate control, and smart technology. Whether battling the harshest winter or sweltering summer heat, Morelis ensures a perfect indoor environment, year-round.

Premium performance for every season

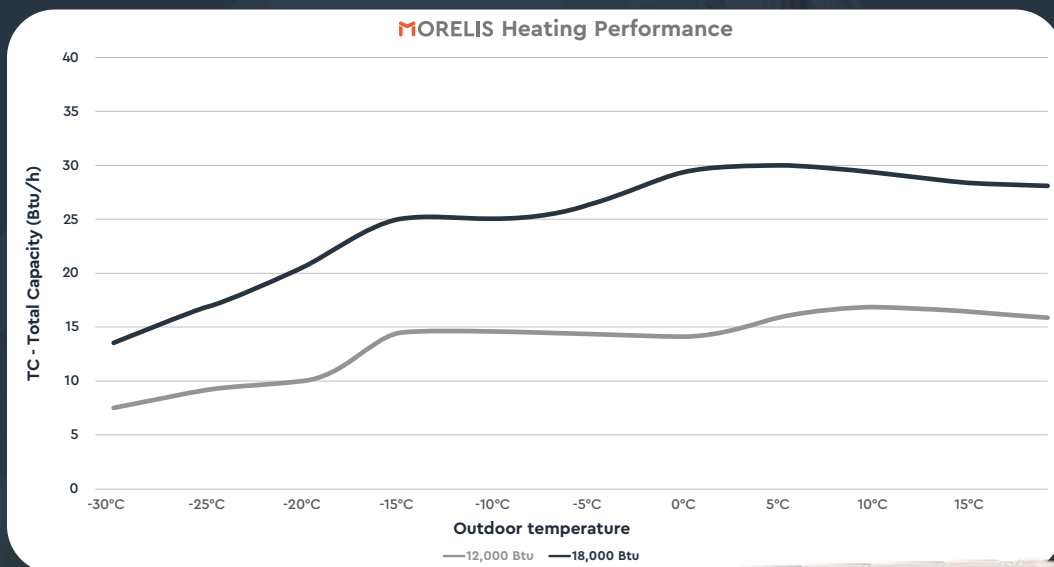
Experience top-tier heating and cooling with Moovair Morelis, the highest-efficiency model in the Moovair single-zone lineup. Designed for those who demand superior comfort, this system delivers outstanding performance, even in extreme conditions.

Why choose Morelis?

HEAT+ Morelis systems feature advanced HEAT+ technology, intelligently adjusting compressor operation to minimize temperature fluctuations while maximizing energy efficiency—keeping your home consistently comfortable with lower energy consumption

High heat output at low ambient temperatures 🍁

No matter the season, Morelis systems are meticulously engineered to surpass expectations. With the ability to deliver **100% HEATING CAPACITY AT -20°C**, Morelis provides unmatched comfort and performance for any living space. The Morelis stands out thanks to its superior heating capacity which achieves a Seasonal Energy Efficiency Rating of up to 29.4 and a Heating and Seasonal Performance Factor (HSPF2-5) of up to 12.9, among the highest rates in the industry. Equipped with high efficiency Heat+ technology, Morelis systems provide soothing heat at temperatures as low as -30°C.



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Technical specifications

Indoor model			MWHHA12C2AS1	MWHHA18C2AS1
Outdoor model			MSHHA12C2AN1	MSHHA18C2AN1
HEAT ⁺ Technology			YES	YES
Cooling	Capacity (range)	Btu/h	12,000 (3,100~16,500)	18,000 (12,600~27,900)
	EER2		14.2	15
	SEER2		29.4	25.6
Heating	Capacity (range)	Btu/h	12,000 (4,000~17,200)	20,000 (9,700~29,700)
	COP at 8.3°C		3.60	4.40
	HSPF2 Region V (Region IV)		10 (14.5)	12.9 (16.2)
Max. fuse (outdoor)		A	20	25
Power supply		V Ph Hz	208/230V 1Ph 60Hz	208/230V 1Ph 60Hz
Indoor air flow (Turbo \ Hi \ Mi \ Lo \ Si)		m³/h	950 \ 720 \ 360 \ 260 \ -	1380 \ 1050 \ 700 \ 540 \ -
		CFM	559.2 \ 423.8 \ 211.9 \ 153 \ -	812.3 \ 618 \ 412 \ 317.8 \ -
Indoor noise level (Turbo \ Hi \ Mi \ Lo \ Si)		dB(A)	- \ 41.5 \ 33 \ 23 \ 19	54.5 \ 43.5 \ 38.5 \ 27 \ 16
Indoor unit	Dimension (WxDxH)	mm	1017.4×248×319	1190×285×371
		in	40.1×9.7×12.6	46.9×11.2×14.6
	Net weight	kg	12.8	19.8
		lb	28.2	43.7
Outdoor noise level		dB(A)	57	61.5
Outdoor unit	Dimension (WxDxH)	mm	890×342×673	946×410×810
		in	35×13.5×26.5	37.2×16.1×31.9
	Net weight	kg	45.2	59.1
		lb	99.7	130.3
Refrigerant precharge		oz (kg)	44.1 (1.3)	63.5 (1.8)
Refrigerant piping	Liquid side	in (mm)	1/4 (6.4)	3/8 (9.5)
	Gas side	in (mm)	3/8 (9.5)	5/8 (15.9)
	Max. refrigerant pipe length	ft (m)	82 (25)	164 (50)
	Max. difference in level	ft (m)	49.2 (15)	82 (25)
Moisture removal		L/h	0.5	1.1
Included Controller Type			Remote Control	Remote Control
Indoor Room	Set point Range	°C (°F)	16~32 (60~90)	16~32 (60~90)
Outdoor	Outdoor temperature range of operation (cooling)	°C (°F)	-30~50 (-22~122)	-30~50 (-22~122)
	Outdoor temperature range of operation (heating)	°C (°F)	-30~24 (-22~75)	-30~24 (-22~75)
Refrigerant			R454B	R454B
ENERGY STAR V6.1			✓	✓
ENERGY STAR V6.1 Cold Climate			✓	✓

Images shown are for illustration purposes only and may not represent the exact product model or configuration available.

Product specifications may change without notice. Performance at standard test conditions.

Values shown are approximate and may have been rounded for ease of reference. Refer to product submittals for complete specifications. Specifications subject to change without notice.

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