



MOOVAIR®

MAELYS

Centrally ducted system
cooling only



UP TO
18.4
SEER2

UP TO
11.6
EER2



MAELYS™

Maelys is a modern, cooling-only system designed to deliver reliable summer comfort in residential applications. Purpose-built for projects where air conditioning is the priority. It offers a straightforward solution for both new installations and retrofits.

Small size, big flexibility

The Maelys™ condenser uses a modern side-discharge design that dramatically reduces height and footprint compared to traditional top-discharge AC units. This compact form factor makes placement easier in tight spaces such as narrow lot lines, walkways, or between buildings. Homeowners get a cleaner, less obtrusive look while contractors gain far more installation flexibility.

Whether you choose the new ST1S touchscreen thermostat or any other 24VAC compatible thermostat, you can trust your Moovair® dealer to help you choose the model best suited to your needs.

*Controller sold separately



High efficiency without the high price

Maelys™ delivers premium inverter cooling performance at a competitive price point, offering exceptional value for both homeowners and contractors. The system uses smart modulation to reduce energy consumption during part-load operation, improving efficiency during real-world summer temperatures. It's a practical upgrade that still provides the comfort and performance of a modern inverter system.

Whisper-quiet operation

The Inverter-driven Maelys™ system delivers exceptionally quiet performance, making it ideal for sound-sensitive areas like patios, decks, and bedroom windows. Carefully engineered to minimize noise and vibration, providing a noticeably quieter experience than many older AC systems. You can enjoy your outdoor space or sleep comfortably without disruptive equipment noise.



Inverter driven compressor

Warranty confidence

Every Maelys™ system includes Moovair's industry-leading 10-year parts and compressor warranty for added peace of mind. Optional labour coverage is available through authorized dealers, offering even greater protection during the life of the system. Homeowners and contractors alike benefit from dependable support backed by The Master Group.



MAELYS™

Engineered for Installers

Compact size, big performance for easy installs

The reduced height and weight of the Maelys™ condenser make handling, transport, and installation significantly easier. It fits where traditional condensers often cannot, enabling efficient replacements in tight or restrictive spaces. Contractors save time on-site while homeowners benefit from a sleek, unobtrusive outdoor footprint.

Multi-position air handler pairing

The Maelys™ system pairs seamlessly with Moovair air handler unit. Contractors can match the right solution to the job. Variable speed ECM motor provides comfort while moving the required CFM. The Maelys cooling system provides reliable performance, proper refrigerant flow, and long-term durability.



Technical specifications

Indoor model			MAHMA18R4AS*	MAHMA24R4AS*	MAHMA30R4AS*	MAHMA36R4AS*	MAHMA48R4AS*	MAHMA60R4AS*
Outdoor model			MSCEA18R2AN*	MSCEA24R2AN*	MSCEA30R2AN*	MSCEA36R2AN*	MSCEA48R2AN*	MSCEA60R2AN*
Cooling	Capacity (range)	Btu/h	18,000 (6,700~21,600)	24,000 (9,100~29,100)	30,000 (8,500~30,800)	36,000 (8400~36,600)	48,000 (12,800~53,000)	54,000 (13,300~60,300)
	EER2		11.5	11.6	11	10.7	10	9.8
	SEER2		18.4	17	16.9	17	16.2	15.9
Max. fuse (outdoor)		A	20	20	20	25	40	40
Power supply		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
Indoor air flow (Turbo \ Hi \ Mi \ Lo \ Si)		m³/h	1050 \ 980 \ 900 \ 830 \ 830	1400 \ 1290 \ 1180 \ 1070 \ 1070	1680 \ 1520 \ 1370 \ 1210 \ 1210	2020 \ 1840 \ 1650 \ 1470 \ 1470	2720 \ 2500 \ 2180 \ 1860 \ 1860	3070 \ 2690 \ 2310 \ 1930 \ 1930
		CFM	618 \ 576.8 \ 529.7 \ 488.5 \ 488.5	824 \ 759.3 \ 694.5 \ 629.8 \ 629.8	988.8 \ 894.7 \ 806.4 \ 712.2 \ 712.2	1189 \ 1083 \ 971.2 \ 865.2 \ 865.2	1601 \ 1471.5 \ 1283.1 \ 1094.8 \ 1094.8	1807 \ 1583.3 \ 1359.7 \ 1136 \ 1136
Indoor noise level (Turbo \ Hi \ Mi \ Lo \ Si)		dB(A)	\ 41 \ 39 \ 33 \ -	\ 44 \ 42 \ 28 \ -	47 \ 46 \ 43 \ 27.5 \ -	49 \ 48 \ 45.5 \ 25.5 \ -	\ 52 \ 50 \ 34 \ -	54.5 \ 52 \ 49.5 \ 34.5 \ -
Indoor unit	Dimension (WxDxH)	mm	445×533.4×1143	445×533.4×1143	620×675×1335	620×675×1335	622×534×1346	622×534×1346
		in	17.5×21×45	17.5×21×45	21×21×49	21×21×49	24.5×21×53	24.5×21×53
	Net weight	kg	48	47.9	58.5	58.7	73.9	73.9
		lb	105.8	105.6	128.9	129.4	162.9	162.9
Outdoor noise level		dB(A)	54	56	58.5	58	65	63
Outdoor unit	Dimension (WxDxH)	mm	805×330×554	890×342×673	890×342×673	946×410×810	980×415×975	952×415×1333
		in	31.7×13×21.8	35×13.5×26.5	35×13.5×26.5	37.2×16.1×31.9	38.6×16.3×38.4	37.5×16.3×52.5
	Net weight	kg	30.3	40.5	44.6	60.9	84.9	96.3
		lb	66.8	89.3	98.33	134.3	187.2	212.3
Refrigerant precharge		oz (kg)	42.3 (1.2)	52.2 (1.5)	81.1 (2.3)	91.7 (2.6)	141.1 (4)	169.3 (4.8)
Refrigerant piping	Liquid side	in (mm)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)
	Gas side	in (mm)	3/4 (19)	3/4 (19)	3/4 (19)	3/4 (19)	3/4 (19)	3/4 (19)
	Max. refrigerant pipe length	ft (m)	98 (30)	164 (50)	164 (50)	246 (75)	246 (75)	246 (75)
	Max. difference in level	ft (m)	66 (20)	82 (25)	98 (30)	98 (30)	98 (30)	98 (30)
Moisture removal		L/h	1.59	2.47	2.63	3.5	5.25	6.37
Included Controller Type			Remote Control	Remote Control	Remote Control	Remote Control	Remote Control	Remote Control
In built auxiliary heat option available		kW	3 \ 5 \ 8 \ 10	5 \ 8 \ 10 \ 15	5 \ 8 \ 10 \ 15	5 \ 8 \ 10 \ 15 \ 20	8 \ 10 \ 15 \ 20	10 \ 15 \ 20 \ 25
Indoor Room	Set point Range	°C (°F)	16~32 (60~90)	16~32 (60~90)	16~32 (60~90)	16~32 (60~90)	16~32 (60~90)	16~32 (60~90)
Outdoor	Outdoor temperature range of operation (cooling)	°C (°F)	-25~50 (-13~122)	-25~50 (-13~122)	-25~50 (-13~122)	-25~50 (-13~122)	-25~50 (-13~122)	-25~50 (-13~122)
Refrigerant			R454B	R454B	R454B	R454B	R454B	R454B

Asterisk (*) in model number is a placeholder for version suffix (1, 2, etc.). Do not include asterisk (*) in model inventory query. Compatibility unchanged across versions unless otherwise noted.
 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.

Reliability isn't claimed. It's earned.

Best Pick 2025 – Protégez-Vous Consumer Reliability Survey



Backed by over 70 years of HVAC experience, Moovair® was developed with the harsh Canadian climate in mind. We created reliable, energy-efficient products that take care of the environment as well as your comfort and peace of mind because your home is at the heart of your well-being. That is the Moovair® Effect.

With over 200k systems installed in Canada to date, Moovair has demonstrated proven performance and a track record of reliability in a growing heat pump market.

Moovair® dealers are supported by The Master Group, Canada's largest independently Canadian owned HVAC-R distributor. The Master Group has always distinguished itself for its extensive inventory, technical expertise and exceptional customer service.



Canadian Independent Dealer

Mooving Forward, Together.

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