



**MOOVAIR®**

# MAELYS

**Add-On System**

COOLING-ONLY CONDENSER WITH  
CASED & UNCASSED COILS



UP TO  
**16.0**  
SEER2

UP TO  
**11.2**  
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 pairs easily with gas or electric furnaces and 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.

## 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.

## 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.



## 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.

### Flexible coil pairings (cased & uncased)

The Maelys™ system pairs seamlessly with both cased and uncased Moovair coils, allowing contractors to match the right solution to the job. Cased coils offer quick, clean installations, while uncased coils support custom plenums or unique duct configurations. Both options are optimized for reliable performance, proper refrigerant flow, and long-term durability.



## Technical specifications

Indoor cased coil model			GCHMA24RBAS1	GCHMA24RBAS1	GCHMA36RBAS1	GCHMA36RCAS1	GCHMA36RBAS1	GCHMA36RCAS1	GCHMA48RCAS1	GCHMA60RDAS1
Indoor uncased coil model			GUHMA24RBAS1	GUHMA24RBAS1	GUHMA36RBAS1	GUHMA36RCAS1	GUHMA36RBAS1	GUHMA36RCAS1	-	-
Outdoor model			MSCEA18R2AN1	MSCEA24R2AN1	MSCEA30R2AN1	MSCEA30R2AN1	MSCEA36R2AN1	MSCEA36R2AN1	MSCEA48R2AN1	MSCEA60R2AN1
Cooling	Capacity (range)	Btu/h	18,000 (5,100~21,100)	23,000 (7,600~28,700)	29,000 (8,200~31,000)	29,000 (8,200~31,000)	34,000 (8,800~35,800)	34,000 (8,800~35,800)	44,000 (17,600~52,000)	54,000 (18,000~54,000)
	EER2	11.2	10.6	10.2	10.2	10.2	10.2	9.8	8.5	
	SEER2	16	15.5	15.2	15.2	15.6	15.6	15.3	14.8	
Max. fuse (outdoor)		A	20	20	20	20	25	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	208/230V 1Ph 60Hz	208/230V 1Ph 60Hz
Indoor Cased coil unit	Dimension (WxDxH)	mm	445×533.4×457	445×533.4×457	445×533.4×599	534×533.4×611	445×533.4×599	534×533.4×611	549×546×706	622×533.4×711
		in	17.5×21×18	17.5×21×18	17.5×21×23.6	21×21×24	17.5×21×23.6	21×21×24	21.6×21.5×27.8	24.5×21×28
	Net weight	kg	19	19	27	29.2	27	29.2	43.9	36.8
		lb	41.9	41.9	59.5	64.4	59.5	64.4	96.8	81.1
Indoor Uncased coil unit	Dimension (WxDxH)	mm	409.7×572.3×400.8	409.7×572.3×400.8	409.7×576×511.5	499×577.5×518.1	409.7×576×511.6	499×577.1×518.1	-	-
		in	16.1×22.5×15.8	16.1×22.5×15.8	16.1×22.7×20.1	19.7×22.7×20.4	16.1×22.7×20.1	19.7×22.7×20.4	-	-
	Net weight	kg	8.1	8.1	12.4	12.6	12.4	12.6	-	-
		lb	17.8	17.8	27.3	27.7	27.3	27.7	-	-
Indoor Moisture Removal		(l/h)	2.2	2.7	3.5	3.5	4.5	4.5	6.3	8.5
Outdoor noise level		dB(A)	54	56	58	58	58	58	65	63
Outdoor unit	Dimension (WxDxH)	mm	805×330×554	890×342×673	890×342×673	890×342×673	946×410×810	946×410×810	980×415×975	952×415×1,333
		in	31.7×13×21.8	35×13.5×26.5	35×13.5×26.5	35×13.5×26.5	37.2×16.1×31.9	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	40.5	40.5	60.9	60.9	84.9	96.3
		lb	66.8	89.3	89.3	89.3	134.3	134.3	187.2	212.3
Refrigerant precharge		oz (kg)	42.3 (1.2)	52.2 (1.5)	81.1 (2.3)	81.1 (2.3)	91.7 (2.6)	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)	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)	3/4 (19)	3/4 (19)
	Max. refrigerant pipe length	ft (m)	98.4 (30)	164 (50)	164 (50)	164 (50)	246 (75)	246 (75)	246 (75)	246 (75)
	Max. difference in level	ft (m)	65.6 (20)	82 (25)	82 (25)	82 (25)	98 (30)	98 (30)	98 (30)	98 (30)
Included Controller Type		None	None	None	None	None	None	None	None	None
Coil Interface Included		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
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)	16~32 (60~90)	16~32 (60~90)
Refrigerant		R454B	R454B	R454B	R454B	R454B	R454B	R454B	R454B	R454B

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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# 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 190k 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.

🍁 Authorized Canadian Independent Dealer 🍁



Mooving Forward, Together.

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