



MOOVAIR®

CENTRAL-MOOV

Add-on coil system
designed for both new and retrofit electric
or hybrid (fossil fuel) installations



UP TO

16.1
SEER2

UP TO

8.2
HSPF2-5



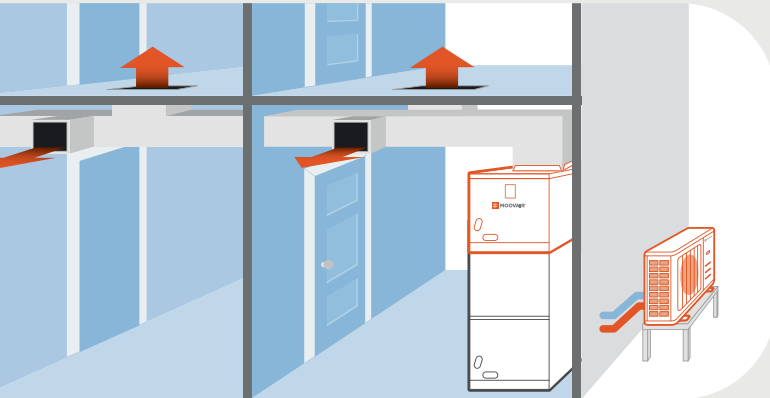
HEATING
PERFORMANCE
DOWN TO
-30°C

HEAT⁺



Experience whole-home harmony

Moovair® products are designed for the Canadian climate, keeping your comfort and well-being at the forefront. The Central-Moov add-on system delivers year-round energy efficient indoor comfort conditioning, creating an inviting home environment. Seamlessly integrate with the existing gas or electric furnace for a flexible hybrid solution, offering dual fuel or full electric operation giving you the freedom to switch between heat pump and furnace modes based on your needs.



Year-round comfort

Sub-zero temperatures and inclement weather are no match for Central-Moov's power packed condenser.

Technical specifications

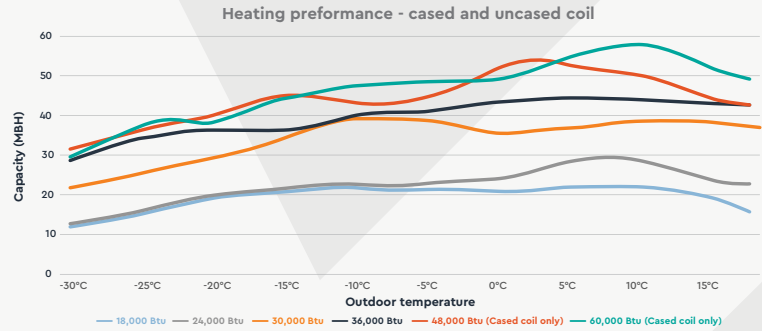
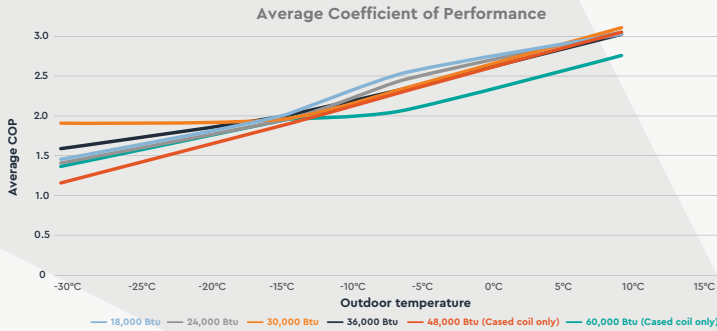
Indoor Cased coil model			GCHMA24RBAS1	GCHMA24RBAS1	GCHMA36RBAS1
Indoor Uncased coil model			GUHMA24RBAS1	GUHMA24RBAS1	GUHMA36RBAS1
Outdoor model			MSHMA18R2AN1	MSHMA24R2AN1	MSHMA30R2AN1
HEAT ⁺ Technology			Yes	Yes	Yes
Cooling	Capacity (range)	Btu/h	18,000 (5,600~22,800)	24,000 (7,900~27,600)	29,000 (13,900~37,000)
	EER2		11.7	10	11
	SEER2		16.1	16	16
Heating	Capacity (range)	Btu/h	19,000 (5,600~22,800)	25,000 (6,800~30,000)	32,000 (13,000~39,000)
	COP at 8.3°C		3.3	3.2	3.38
	HSPF2 Region V (Region IV)		7.8 (9.5)	7 (9.5)	8.2 (9.4)
Max. fuse (outdoor)		A	20	20	30
Power supply		V Ph Hz	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
		in	17.5×21×18	17.5×21×18	17.5×21×23.6
	Net weight	kg	19	19	27
Indoor Uncased coil unit	Dimension (WxDxH)	mm	409.67×572.31×400.81	409.67×572.31×400.81	409.67×576.03×511.55
		in	16.13×22.53×15.78	16.13×22.53×15.78	16.13×22.68×20.14
	Net weight	kg	8.1	8.1	12.4
Outdoor noise level		dB(A)	58	60	62
Outdoor unit	Dimension (WxDxH)	mm	890×342×673	890×342×673	946×410×810
		in	35×13.5×26.5	35×13.5×26.5	37.2×16.1×31.9
	Net weight	kg	46	46	74.4
Refrigerant precharge		oz (kg)	74.1 (2.1)	74.1 (2.1)	105.8 (3)
Refrigerant piping	Liquid side	in (mm)	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)
	Max. refrigerant pipe length	ft (m)	98.4 (30)	164 (50)	164 (50)
	Max. difference in level	ft (m)	82 (25)	82 (25)	82 (25)
Included Controller Type			None	None	None
Coil Interface Included			Yes	Yes	Yes
Indoor Room	Set point Range	°C (°F)	16~32 (60~90)	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)	-30~50 (-22~122)
	Outdoor temperature range of operation (heating)	°C (°F)	-30~24 (-22~75)	-30~24 (-22~75)	-30~24 (-22~75)
Refrigerant			R454B	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. The ENERGY STAR name and the ENERGY STAR symbol are trademarks registered in Canada.

Epic performance

Central-Moov add-on systems were built for epic performance thanks to energy-saving **HEAT+** and Inverter drive technology. Its outstanding operation has earned a best-in-class ranking as well as recognition from organizations dedicated to the promotion of energy efficient appliances such as ENERGY STAR® and NEEP.

HEAT+ Extreme cold weather is no match for Central-Moov. **HEAT+** technology delivers optimal heat at low temperatures with minimal energy consumption. Central-Moov systems can achieve **up to 100%** of their rated capacity at -20°C while maintaining a high COP at temperatures as **low as -30°C**.



	18,000,BTU	24,000,BTU	30,000,BTU	36,000,BTU	48,000,BTU	60,000,BTU
-30°C	1.45	1.31	2	1.61	1.13	1.43
-15°C	2.06	1.8	1.85	1.9	1.85	1.83
-8.3°C	2.7	2.65	2.5	2.5	2.43	2.14
8.3°C	3.3	3.2	3.38	3.3	3.12	2.76

NRCAN and the Government of Canada define the Coefficient of Performance (COP) of a heat pump as the ratio between the rate at which the heat pump transfers thermal energy (in kW), and the amount of electrical power required to do the pumping (in kW). For example, if a heat pump used 1kW of electrical energy to transfer 3 kW of heat, the COP would be 3.

GCHMA36RCAS1	GCHMA36RBAS1	GCHMA36RCAS1	GCHMA48RCAS1	GCHMA60RDAS1
GUHMA36RCAS1	GUHMA36RBAS1	GUHMA36RCAS1	-	-
MSHMA30R2AN1	MSHMB36R2AN1	MSHMB36R2AN1	MSHMA48R2AN1	MSHMA60R2AN1
Yes	Yes	Yes	Yes	Yes
29,000 (13,900~37,000)	36,000 (12,100~41,000)	36,000 (12,100~41,000)	45,000 (16,000~48,000)	47,000 (17,600~53,400)
11	10.7	10.7	10	10
16	15.8	15.8	15.2	15.2
32,000 (13,000~39,000)	38,000 (11,900~46,000)	38,000 (11,900~46,000)	48,000 (16,000~50,000)	58,000 (21,200~59,000)
3.38	3.3	3.3	3.12	2.76
8.2 (9.4)	7.9 (9.4)	7.9 (9.4)	7.4 (8.8)	6.8 (8.1)
30	30	30	40	40
208/230V 1Ph 60Hz	208/230V 1Ph 60Hz	208/230V 1Ph 60Hz	208/230V 1Ph 60Hz	208/230V 1Ph 60Hz
534×533.4×611	445×533.4×599	534×533.4×611	549×546×706	622×533.4×711
21×21×24	17.5×21×23.6	21×21×24	21.61×21.5×27.8	24.5×21×28
29.2	27	29.2	44	36.8
64.4	60	64.4	96.8	81.1
499.07×577.51×518.1	409.67×576.03×511.55	499.07×577.51×518.1	-	-
19.65×22.74×20.4	16.13×22.68×20.14	19.65×22.74×20.4	-	-
12.6	12.4	12.6	-	-
27.7	27.3	27.7	-	-
62	64	64	65	64
946×410×810	980×415×975	980×415×975	980×415×975	952×415×1333
37.2×16.1×31.9	38.6×16.3×38.4	38.6×16.3×38.4	38.6×16.3×38.4	37.5×16.3×52.5
74.4	92.6	92.6	91.2	110.2
164	204.2	204.2	201	243
105.8 (3)	127(3.6)	127(3.6)	134 (3.8)	183.4 (5.2)
3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)
3/4 (19)	3/4 (19)	3/4 (19)	3/4 (19)	3/4 (19)
164 (50)	246 (75)	246 (75)	246 (75)	246 (75)
82 (25)	98 (30)	98 (30)	98 (30)	98 (30)
None	None	None	None	None
Yes	Yes	Yes	Yes	Yes
16~32 (60~90)	16~32 (60~90)	16~32 (60~90)	16~32 (60~90)	16~32 (60~90)
-30~50 (-22~122)	-30~50 (-22~122)	-30~50 (-22~122)	-30~50 (-22~122)	-30~50 (-22~122)
-30~24 (-22~75)	-30~24 (-22~75)	-30~24 (-22~75)	-30~24 (-22~75)	-30~24 (-22~75)
R454B	R454B	R454B	R454B	R454B
✓	✓	✓	✓	✓
✓	✓	✓	✓	✓



Innovative Inverter technology

Central-Moov add-on heat pump systems incorporate the latest innovation in Inverter drive technology which saves energy by reducing the number of compressor stops and starts. Modulation increases by 1% increments up to 100% capacity to efficiently maintain the set temperature. This innovative technology ensures maximum comfort and energy efficiency.

Inverter driven compressor



Reliability you can count on

All Central-Moov systems are built to last and covered by one of the best warranties in the industry with a 10-year limited warranty on parts and compressor. 5 or 10-year labour warranty plans are available with a separate third-party purchase, please contact your dealer for details.



Built-In Refrigerant Leak Detection

Our new heat pumps feature a built-in refrigerant safety sensor for added peace of mind. It continuously monitors for leaks and, if detected, instantly shuts down the compressor, keeps air safely circulating, and sends a service alert. This protection lets you enjoy the comfort and efficiency of next-generation refrigerants like R-454B, backed by 24/7 safety technology.

Whisper-quiet operation

Home comfort is best enjoyed in peaceful, serene surroundings, whether inside or out. Central-Moov add-on provides whisper-quiet performance inside, while the side discharge design of the outdoor unit provides ultra-quiet operation as low as 58 dB(A) outside allowing you to enjoy your outdoor space without unwanted noise.



Small, but mighty

Central-Moov's compact, side discharge condenser is up to 40% smaller than traditional heat pumps. The smaller units offer greater flexibility for installation and a more aesthetically pleasing finished look.



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.



Mooving Forward, Together.

Canadian Independent Dealer

Moovair_Central-MoovADDON_202608_EN_V04
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