



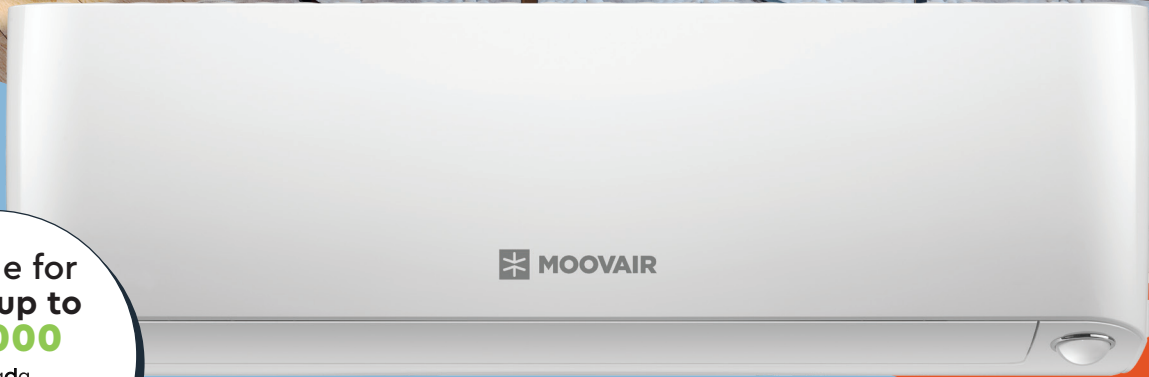
# MOOVAIR

Up to 15 HSPF4  
& 42.5 SEER

WALL-MOUNTED COLD  
CLIMATE HEAT PUMPS

## M-Series

M42 • M28 • M25



 MOOVAIR

Eligible for  
grant up to  
**\$5,000**



Limited Warranty

**10**  
**YEARS**

COMPRESSOR  
& PARTS



Performance in  
heating down to



**-30°C**

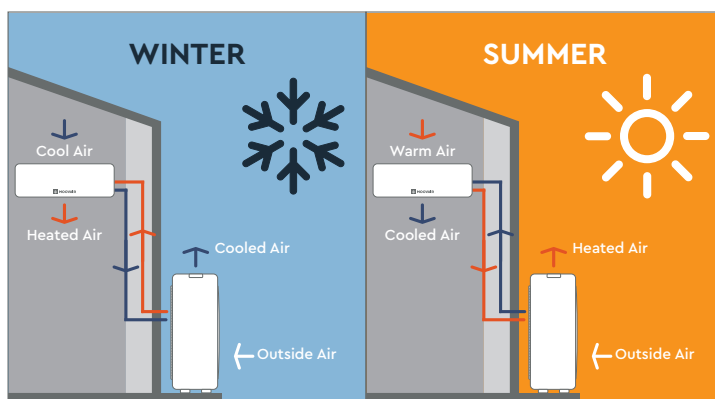
# Peace of mind

meets powerful performance.

The right indoor temperature can transform a home. The cooling rush of walking in on a hot day or the comforting warmth that greets you after enduring the winter cold turns a home into an oasis. The high-efficiency Moovair M-Series heat pumps are designed to create the perfect temperature in every season.

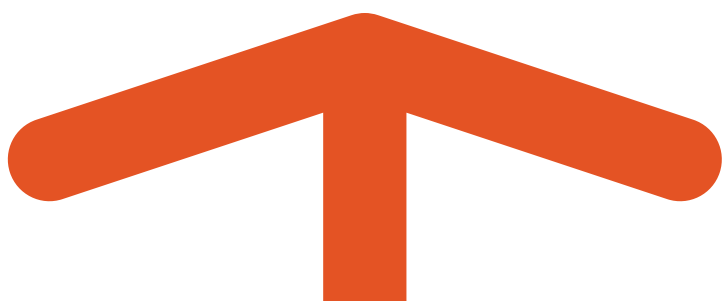
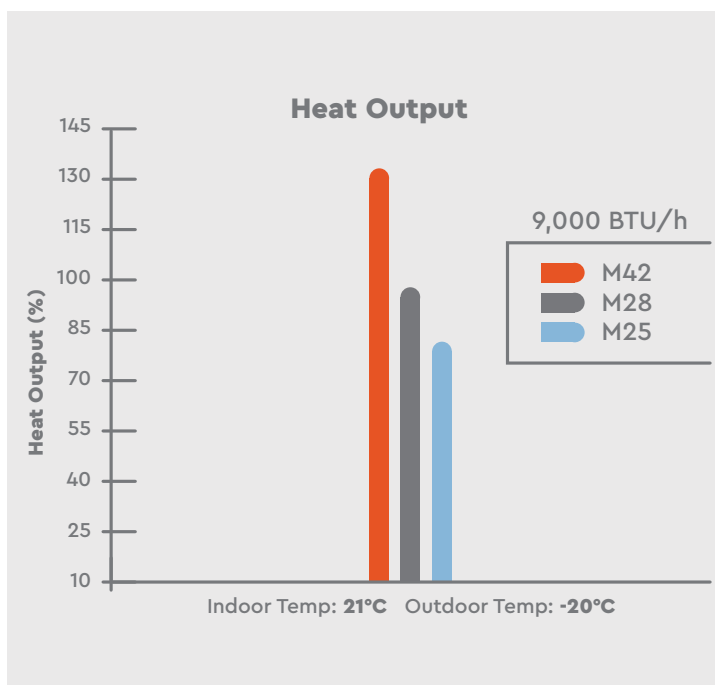
## What is a heat pump?

A heat pump moves heat from one place to another. In summertime, the heat pump moves heat out of the home, like a traditional air conditioner, to keep your home cool, while in wintertime, the process is reversed and moves heat into the home.



## What is capacity and what does it mean?

Heat pump capacity is its heat output at different indoor and outdoor temperatures. Heat pump capacity is affected by outdoor temperature, cooler temperatures outside reduce capacity. The M42 9,000 BTU/h unit exceeds 9,000 BTU/h at  $-25^{\circ}\text{C}$  outside and  $21^{\circ}\text{C}$  inside. Is this good? Its excellent! What this means is the M42 Series heat pumps are efficient at keeping your home comfortable.

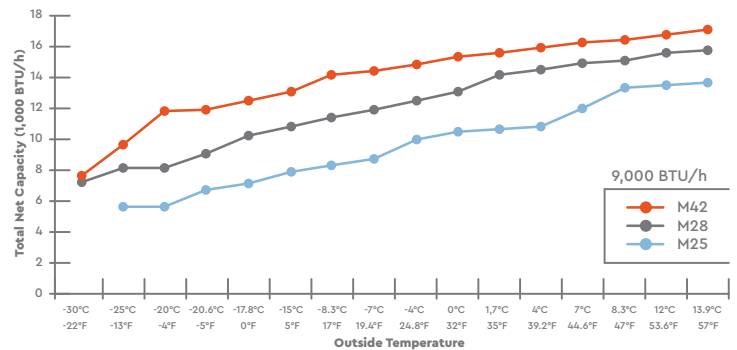






## Energy efficiency for every home

M42, M28, M25 heat pumps are equipped with high-efficiency Inverter technology, which modulates compressor operation to limit temperature fluctuations and reduce energy consumption.



## Worry-free warranty

Moovair high-efficiency M-Series heat pumps are built to last and covered by one of the best warranty programs in the industry with a 10-year limited parts and compressor warranty. Optional 5 and 10-year labor warranties are also available.

Limited Warranty

**10 YEARS**

**PARTS**

Limited Warranty

**10 YEARS**

**COMPRESSOR**

Optional

**5 YEARS**

**LABOR**

OR

Optional

**10 YEARS**

**LABOR**

Moovair dealers are supported by The Master Group, Canada's largest independently Canadian owned HVAC-R distributor. Through its 70 year history, The Master Group distinguishes itself for its extensive inventory, technical expertise, and exceptional customer service.

# Key features



## Epic performance

Moovair cold climate heat pumps are designed to offer exceptional performance during the hottest summer days and coldest winter nights.



## Inverter technology

All Moovair heat pumps utilize Inverter technology, which minimizes fluctuations in temperature by reducing the number of start / stop cycles generating higher energy savings and uncompromising comfort.



## Follow me function

Senses the room temperature from the remote control, not the wall unit, allowing for targeted, improved comfort control.



## Intelligent anti-cold air function

Regulates the fan speed according to temperature to prevent cold air from blowing out at the beginning of operation.



## Double filtration

Includes an air filter to capture dust particles, and a second air freshening filter.



## Silent mode

Hit the mute button to silence all operational notification alerts.



## Turbo mode

Maximum heating or cooling at the press of a button.



## Self-clean function

Prevents mold and mildew by automatically cleaning and drying the indoor coil.



## Dry mode

Sets the fan to a whisper to quietly dehumidify.



## 5-speed ventilation

Thanks to the DC motor, the unit offers five ventilation settings, compared to standard units offering only two speeds. Allowing for more effective air control and quality.



## Auto restart

When restoring service following a power failure, the unit automatically resumes operation in less than three minutes while saving all previously selected settings.



## Emergency function

When a temperature error occurs, the unit displays an error code and continues operating properly rather than stopping abruptly.



## Outdoor heating cables

Heating cables installed around the compressor and at the base of the outdoor unit ensure a smooth start and prevent ice build-up in harsh winter conditions.



## Optional Wi-Fi & Bluetooth

Control the heat pump with your smart device.





# Technical specifications

## M42 | HEAT+

### VARIABLE SPEED

Up to 42.5 SEER

HEAT PUMP SYSTEM		9,000 BTU	12,000 BTU	18,000 BTU
Indoor model		DMA09HIW42230E4	DMA12HIW42230E4	DMA18HIW42230E4
Outdoor model		DMA09HOS42230E4	DMA12HOS42230E4	DMA18HOS42230E4
Power supply V/Ph/Hz		208-230/1/60	208-230/1/60	208-230/1/60
Cooling	Capacity BTU/h	9,000	12,000	18,000
	Min. - max. cooling BTU/h	2,800~16,900	2,800~16,900	6,850~27,000
	EER BTU/Wh	16	13.8	14.5
	SEER BTU/Wh	42.5	32	28.2
Heating	Capacity BTU/h	12,000	12,000	20,000
	Min. - max. heating BTU/h	5,118~19,000	5,118~19,000	11,900~31,000
	COP W/W	4	3.84	3.4
	HSPF (Region 4) BTU/Wh	15	14	13.7
Max. fuse (A)		20	20	35
Compressor type		Rotary	Rotary	Rotary
Indoor air flow (Hi/Med/Low) m <sup>3</sup> /h		520/430/291	520/430/291	1038/703/542
Indoor air flow (Hi/Med/Low) CFM		306/253/171	306/253/171	611/414/319
Indoor noise level (Hi/Med/Low) dB(A)		42.5/36.5/26.5	42.5/36.5/26.5	46/39/34
Indoor model	Width x Depth x Height mm	895×248×298	895×248×298	1196×279×370
	Width x Depth x Height in	35.24×9.76×11.73	35.24×9.76×11.73	47.09×10.98×14.57
	Net/Gross weight kg	12.7/18	12.7/18	19.8/24.9
	Net/Gross weight lbs	28.00/39.68	28.00/39.68	43.65/54.89
Outdoor noise level dB(A)		56.5	56.5	62
Outdoor model	Width x Depth x Height mm	890×342×673	890×342×673	946×410×810
	Width x Depth x Height in	35.04×13.46×26.50	35.04×13.46×26.50	37.24×16.14×31.89
	Net/Gross weight kg	46/48.7	46/48.7	61/65.5
	Net/Gross weight lbs	101.41/107.36	101.41/107.36	134.48/144.40
Refrigerant piping	Liquid side, Gas side in	1/4 / 1/2	1/4 / 1/2	3/8 / 5/8
	Max. ref. pipe length m (ft)	25 (82)	25 (82)	50 (164)
	Max. height difference m (ft)	10 (33)	10 (33)	25 (82)
Thermostat type		Wireless remote	Wireless remote	Wireless remote
Refrigerant precharge ft		25	25	25
Operating temperature range	Indoor (cooling/heating) °C	16~32/0~27	16~32/0~27	16~32/0~27
	Indoor (cooling/heating) °F	60~90/32~81	60~90/32~81	60~90/32~81
	Outdoor (cooling/heating) °C	-30~50/-30~24	-30~50/-30~24	-30~50/-30~24
	Outdoor (cooling/heating) °F	-22~122/-22~75	-22~122/-22~75	-22~122/-22~75

# Technical specifications

## M28 | HEAT+

### VARIABLE SPEED

Up to 28.1 SEER

HEAT PUMP SYSTEM		6,000 BTU	9,000 BTU	12,000 BTU	18,000 BTU	24,000 BTU
Indoor model		DMA06HIW25230E8	DMA09HIW25230E8	DMA12HIW25230E8	DMA18HIW25230E8	DMA24HIW25230E8
Outdoor model		DMA06HOS28230E8	DMA09HOS28230E8	DMA12HOS28230E8	DMA18HOS28230E8	DMA24HOS28230E8
Power supply V/Ph/Hz		208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
Cooling	Capacity BTU/h	6,000	9,000	12,000	18,000	24,000
	Min. - max. cooling BTU/h	3,400~12,000	3,300~14,300	3,300~14,300	8,870~19,400	6,850~27,000
	EER BTU/Wh	15.8	16.2	14	12.5	13
	SEER BTU/Wh	26.5	28.1	22.5	21.5	21.5
Heating	Capacity BTU/h	7,000	11,800	12,000	18,000	29,000
	Min. - max. heating BTU/h	3,300~11,500	5,000~15,200	5,000~15,300	15,100~19,500	11,900~31,000
	COP W/W	3.92	3.81	3.88	3.10	3.40
	HSPF (Region 4) BTU/Wh	14	13	13	13	12
Max. fuse (A)		15	15	15	25	35
Compressor type		Rotary	Rotary	Rotary	Rotary	Rotary
Indoor air flow (Hi/Med/Low) m <sup>3</sup> /h		540/370/285	569/389/299	569/389/299	890/639/520	1038/703/542
Indoor air flow (Hi/Med/Low) CFM		318/218/168	335/229/176	335/229/176	524/376/306	611/414/319
Indoor noise level (Hi/Med/Low) dB(A)		36/32/23	38/33.5/23.5	38/33.5/23.5	46/42/24	46/39/34
Indoor model	Width x Depth x Height mm	848.4×233.2×298.6	848.4×233.2×298.6	848.4×233.2×298.6	1017.4×246.9×320	1190×284.6×370.6
	Width x Depth x Height in	33.40×9.18×11.76	33.40×9.18×11.76	33.40×9.18×11.76	40.06×9.72×12.60	46.85×11.20×14.59
	Net/Gross weight kg	10.3/13.1	10.3/13.1	10.4/13.1	12.3/16.2	19.8/24.9
	Net/Gross weight lbs	22.71/28.88	22.71/28.88	22.93/28.88	27.12/35.71	43.65/54.89
Outdoor noise level dB(A)		53	54.5	56	59	62
Outdoor model	Width x Depth x Height mm	765×303×555	805×330×554	805×330×554	890×342×673	946×410×810
	Width x Depth x Height in	30.12×11.93×21.85	31.69×12.99×21.81	31.69×12.99×21.81	35.04×13.46×26.50	37.24×16.14×31.89
	Net/Gross weight kg	28.9/31.3	33.6/36.4	33.4/36	45.8/49	61/65.5
	Net/Gross weight lbs	63.71/69.00	74.07/80.25	73.63/79.37	100.97/108.03	134.48/144.40
Refrigerant piping	Liquid side, Gas side in	1/4 / 3/8	1/4 / 3/8	1/4 / 1/2	1/4 / 1/2	3/8 / 5/8
	Max. ref. pipe length m (ft)	25 (82)	25 (82)	25 (82)	30 (98)	50 (164)
	Max. height difference m (ft)	10 (33)	10 (33)	10 (33)	20 (66)	25 (82)
Thermostat type		Remote control	Remote control	Remote control	Remote control	Remote control
Refrigerant precharge ft		25	25	25	25	25
Operating temperature range	Indoor (cooling/heating) °C	16~32/0~30	16~32/0~30	16~32/0~30	16~32/0~30	16~32/0~30
	Indoor (cooling/heating) °F	60~90/32~86	60~90/32~86	60~90/32~86	60~90/32~86	60~90/32~86
	Outdoor (cooling/heating) °C	-30~50/-30~30	-30~50/-30~30	-30~50/-30~30	-30~50/-30~30	-30~50/-30~30
	Outdoor (cooling/heating) °F	-22~122/-22~86	-22~122/-22~86	-22~122/-22~86	-22~122/-22~86	-22~122/-22~86





# M25

## VARIABLE SPEED

### Up to 25.5 SEER

HEAT PUMP SYSTEM		9,000 BTU	12,000 BTU	18,000 BTU	24,000 BTU
Indoor model		DMA09HIW25230E8	DMA12HIW25230E8	DMA18HIW25230E8	DMA24HIW25230E8
Outdoor model		DMA09HOS25230E8	DMA12HOS25230E8	DMA18HOS25230E8	DMA24HOS25230E8
Power supply V/Ph/Hz		208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
Cooling	Capacity BTU/h	9,000	12,000	18,000	24,000
	Min. - max. cooling BTU/h	2,500~11,900	3,600~13,300	2,000~19,300	9,200~26,800
	EER BTU/Wh	15	13.7	12.5	14
	SEER BTU/Wh	25.5	23.2	22.6	22
Heating	Capacity BTU/h	10,000	12,000	19,000	25,000
	Min. - max. heating BTU/h	3,400~13,000	4,500~13,500	6,200~21,000	10,350~27,000
	COP W/W	3.95	3.72	3.37	3.75
	HSPF (Region 4) BTU/Wh	12.2	13.2	12	12
Max. fuse (A)		15	15	25	30
Compressor type		Rotary	Rotary	Rotary	Rotary
Indoor air flow (Hi/Med/Low) m <sup>3</sup> /h		569/389/299	569/389/299	890/639/520	1,038/703/542
Indoor air flow (Hi/Med/Low) CFM		335/229/176	335/229/176	524/376/306	611/414/319
Indoor noise level (Hi/Med/Low) dB(A)		38/34/23	36/33.5/22.5	46.5/43/32.5	44/39.5/34
Indoor model	Width x Depth x Height mm	795×225×295	795×225×295	965×239×319	1140×275×370
	Width x Depth x Height in	31.30×8.86×11.61	31.30×8.86×11.61	37.99×9.41×12.56	44.88×10.83×14.57
	Net/Gross weight kg	10.3/13.1	10.4/13.1	12.3/16.2	19.8/24.9
	Net/Gross weight lbs	22.71/28.88	22.93/28.88	27.12/35.71	43.65/54.89
Outdoor noise level dB(A)		53	53.5	58	60
Outdoor model	Width x Depth x Height mm	765×303×555	765×303×555	890×342×673	946×410×81
	Width x Depth x Height in	30.12×11.93×21.85	30.12×11.93×21.85	35.04×13.46×26.50	37.24×16.14×31.89
	Net/Gross weight kg	28.9/31.3	28.9/31.3	43.1/46.2	56.6/61.2
	Net/Gross weight lbs	63.71/69.00	63.71/69.00	95.02/101.85	124.78/134.92
Refrigerant piping	Liquid side, Gas side in	1/4 / 3/8	1/4 / 1/2	1/4 / 1/2	3/8 / 5/8
	Max. ref. pipe length m (ft)	25 (82)	25 (82)	30 (98)	50 (164)
	Max. height difference m (ft)	10 (33)	10 (33)	20 (66)	25 (82)
Thermostat type		Remote control	Remote control	Remote control	Remote control
Refrigerant precharge ft		25	25	25	25
Operating temperature range	Indoor (cooling/heating) °C	16~32/0~30	16~32/0~30	16~32/0~30	16~32/0~30
	Indoor (cooling/heating) °F	60~90/32~86	60~90/32~86	60~90/32~86	60~90/32~86
	Outdoor (cooling/heating) °C	-25~50/-25~24	-25~50/-25~24	-25~50/-25~24	-25~50/-25~24
	Outdoor (cooling/heating) °F	-13~122/-13~75	-13~122/-13~75	-13~122/-13~75	-13~122/-13~75

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Exclusive to Moovair Authorized Dealers



Moovair has become the fastest growing line  
of ductless products in Canada.

### THE MOOVAIR EFFECT

Backed by 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.



Authorized dealer

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