



MOOVAIR®

MIX-MOOV

Ducted, one & four-way cassette and floor console heat pumps



UP TO
24.6
SEER2

UP TO
10.8
HSPF2-5



HEATING PERFORMANCE DOWN TO
-25°C
-30°C



HEAT+

Technical specifications



1-way cassette

Indoor model			GOHRA12C2A51	GOHRA18C2A51
Outdoor model			MSHMA12C2AN1	MSHMA18C2AN1
HEAT ⁺ Technology			NO	NO
Cooling	Capacity (range)	Btu/h	12,000 (4,000~13,900)	16,700 (5,700~19,000)
	EER2		13	12.5
	SEER2		23	20.6
Heating	Capacity (range)	Btu/h	12,500 (4,700~15,300)	20,000 (8,900~22,200)
	COP at 8.3°C		3.56	3.01
	HSPF2 Region V (Region IV)		8 (10)	9.2 (12.2)
Max. fuse (outdoor)		A	15	20
Power supply		V Ph Hz	208/230V 1Ph 60Hz	208/230V 1Ph 60Hz
Indoor air flow (Turbo \ Hi \ Mi \ Lo \ Si)		m ³ /h	600 \ 530 \ 480 \ 420 \ 300	680 \ 598 \ 510 \ 352 \ -
		CFM	353.2 \ 312 \ 282.5 \ 247.2 \ 176.6	400.2 \ 352 \ 300.2 \ 207.2 \ -
Indoor noise level (Turbo \ Hi \ Mi \ Lo \ Si)		dB(A)	- \ 43 \ 37.5 \ 26 \ 22	- \ 44 \ 41 \ 29.5 \ 24
Indoor unit	Dimension (WxDxH)	mm	1278x335x228	1278x335x228
		in	50.3x13.2x9	50.3x13.2x9
	Net weight	kg	20,5	20,5
		lb	45,2	45,2
Outdoor noise level		dB(A)	56	59
Outdoor unit	Dimension (WxDxH)	mm	805x330x554	890x342x673
		in	31.7x13x21.8	35x13.5x26.5
	Net weight	kg	33	45.3
		lb	72.8	99.9
Refrigerant precharge		oz (kg)	35.3 (1)	55.4 (1.6)
Refrigerant piping	Liquid side	in (mm)	1/4 (6.4)	1/4 (6.4)
	Gas side	in (mm)	3/8 (9.5)	1/2 (12.7)
	Max. refrigerant pipe length	ft (m)	82 (25)	98.4 (30)
	Max. difference in level	ft (m)	49.2 (15)	65.6 (20)
Moisture removal		L/h	1.7	2
Included Controller Type			Contrôle avec et sans fil	Contrôle avec et sans fil
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.

The ENERGY STAR name and the ENERGY STAR symbol are trademarks registered in Canada.



4-way cassette

GKHRA09C2AS1	GKHRA12C2AS1	GKHRA18C2AS1	GQHRA24C2AS1	GDHRA09C2AS1
MSHEA09C2AN1	MSHEA12C2AN1	MSHEA18C2AN1	MSHEA24C2AN1	MSHMA09C2AN1
NO	NO	NO	NO	YES
9,000 (3,700~12,000)	12,000 (3,700~14,100)	16,800 (5,300~17,800)	24,000 (12,300~26,800)	9,000 (3,000~13,100)
14.3	12.5	12.5	12	14
21.6	21.1	20.7	22	20.5
1,000 (4,700~13,700)	12,000 (4,700~15,000)	18,000 (7,100~21,500)	25,000 (11,600~33,100)	9,900 (3,900~16,500)
4	3.55	3.36	3.20	3.88
8.8 (11.3)	7.9 (10.4)	8.5 (11.4)	8.1 (10.5)	10.8 (13.8)
15	15	20	25	15
208/230V 1Ph 60Hz	208/230V 1Ph 60Hz	208/230V 1Ph 60Hz	208/230V 1Ph 60Hz	208/230V 1Ph 60Hz
600 \ 530 \ 450 \ 310 \ 250	710 \ 620 \ 520 \ 330 \ 250	760 \ 660 \ 540 \ 330 \ 250	1300 \ 1200 \ 1080 \ 930 \ -	585 \ 490 \ 392 \ 341 \ 207
353.2 \ 312 \ 264.9 \ 182.5 \ 147.2	417.9 \ 364.9 \ 306.1 \ 194.2 \ 147.2	447.3 \ 388.5 \ 317.8 \ 194.2 \ 147.2	765.2 \ 706.3 \ 635.7 \ 547.4 \ -	344.3 \ 288.4 \ 230.7 \ 200.7 \ 121.8
42.5 \ 40 \ 37 \ 26 \ 24	46 \ 42 \ 38.5 \ 26.5 \ 24	48 \ 44 \ 41 \ 28.5 \ 24.5	48 \ 45.5 \ 43 \ 33.5 \ 30.5	- \ 29.5 \ 28.5 \ 27.5 \ 26
570×570×245	570×570×245	570×570×245	830×830×205	700×750×245
22.4×22.4×9.7	22.4×22.4×9.7	22.4×22.4×9.7	32.7×32.7×8	27.6×29.5×9.7
16	16	16	21,4	29,1
35,3	35,3	35,3	47,2	64,2
54.5	54.5	57.5	59.5	54
765×303×555	765×303×555	890×342×673	946×410×810	805×330×554
30.1×11.9×21.9	30.1×11.9×21.9	35×13.5×26.5	37.2×16.1×31.9	31.7 × 13 × 21.8
28.2	28.2	42	55.4	33
62.2	62.2	92.6	122.1	72.8
32.5 (0.9)	32.5 (0.9)	48 (1.4)	70.6 (2)	35.3 (1)
1/4 (6.4)	1/4 (6.4)	1/4 (6.4)	3/8 (9.5)	1/4 (6.4)
3/8 (9.5)	3/8 (9.5)	1/2 (12.7)	5/8 (15.9)	3/8 (9.5)
82 (25)	82 (25)	98.4 (30)	164 (50)	82 (25)
49.2 (15)	49.2 (15)	65.6 (20)	82 (25)	49.2 (15)
0.7	1.1	2	2.6	0.7
Contrôle avec et sans fil	Contrôle avec et sans fil	Contrôle avec et sans fil	Contrôle avec et sans fil	Contrôle avec et sans fil
16~32 (60~90)	16~32 (60~90)	16~32 (60~90)	16~32 (60~90)	16~32 (60~90)
-25~50 (-13~122)	-25~50 (-13~122)	-25~50 (-13~122)	-25~50 (-13~122)	-30~50 (-22~122)
-25~24 (-13~75)	-25~24 (-13~75)	-25~24 (-13~75)	-25~24 (-13~75)	-30~24 (-22~75)
R454B	R454B	R454B	R454B	R454B
✓	✓	✓	✓	✓
✓	✓	✓	✓	✓



Slim duct

Console

GDHRA12C2AS1	GDHRA18C2AS1	GDHRA24C2AS1	GFHRA12C2AS1
MSHMA12C2AN1	MSHMA18C2AN1	MSHMA24C2AN1	MSHEA12C2AN1
YES	YES	YES	NO
12,000 (3,000~13,300)	17,500 (4,000~20,600)	24,000 (5,000~28,000)	12,000 (4,000~13,100)
12	12	12	12.7
20	18.4	19	24.6
12,000 (3,900~16,500)	19,500 (5,400~23,000)	26,000 (7,300~31,400)	12,000 (5,100~12,900)
3.63	3.60	3.81	3.90
8.5 (10.6)	9 (11.1)	9.3 (11.7)	8.2 (11)
15	20	25	15
208/230V 1Ph 60Hz	208/230V 1Ph 60Hz	208/230V 1Ph 60Hz	208/230V 1Ph 60Hz
712 \ 595 \ 435 \ 367 \ 230	1200 \ 1050 \ 900 \ 750 \ 300	1450 \ 1200 \ 1050 \ 850 \ 400	750 \ 640 \ 550 \ 320 \ 220
419.1 \ 350.2 \ 256 \ 216 \ 135.4	706.3 \ 618 \ 529.7 \ 441.4 \ 176.6	853.5 \ 706.3 \ 618 \ 500.3 \ 235.4	441.4 \ 376.7 \ 323.7 \ 188.4 \ 129.5
- \ 32.5 \ 30.5 \ 28.5 \ 26	40 \ 36 \ 34 \ 32 \ 28	- \ 40 \ 37 \ 35 \ 29.5	42 \ 39 \ 34.5 \ 29.5 \ 23.5
700x750x245	1000x750x245	1000x750x245	794x200x621
27.6x29.5x9.7	39.4x29.5x9.7	39.4x29.5x9.7	31.3x7.9x24.5
29,1	36,2	36,5	14,9
64,2	79,8	80,5	32,9
54	57,5	61	54,5
805x330x554	890x342x673	946x410x810	765x303x555
31.7 x 13 x 21.8	35 x 13.5 x 26.5	37.2 x 16.1 x 31.9	30.1x11.9x21.9
33	45.3	59.1	28.2
72.8	99.9	130.3	62.2
35.3 (1)	55.4 (1.6)	63.5 (1.8)	32.5 (0.9)
1/4 (6.4)	1/4 (6.4)	3/8 (9.5)	1/4 (6.4)
3/8 (9.5)	1/2 (12.7)	5/8 (15.9)	3/8 (9.5)
82 (25)	98.4 (30)	164 (50)	25 (82)
49.2 (15)	65.6 (20)	82 (25)	15 (49.20)
1.4	1.4	2	1.3
Contrôle avec et sans fil	Contrôle avec et sans fil	Contrôle avec et sans fil	Remote Control
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)	-25~50 (-13~122)
-30~24 (-22~75)	-30~24 (-22~75)	-30~24 (-22~75)	-25~24 (-13~75)
R454B	R454B	R454B	R454B
✓	✓	✓	✓
✓	✓	✓	✓



Versatile comfort for every room

Every home is unique, so a one-size-fits-all approach to heating and cooling is not always possible. Moovair®'s Mix-Moov provides versatility to adapt to the exclusive needs of your home, while never compromising on performance and style. With a choice of units to suit any needs, Mix-Moov is powerful, efficient, and complements your personal aesthetic. So, your one-of-a-kind home delivers perfect comfort, all year round.

Ducted: The compact ducted unit installation flexibility of horizontal or vertical orientation means this unit can be adapted to a multitude of different installation locations. The concealed ducted unit is the ideal way to achieve an exceptionally clean and discrete finish.

One & four-way cassette: Designed to fit in a suspended ceiling or between ceiling joists, these units are ideal for more confined spaces such as corridors or split levels because it is equipped with four-way directional shutters ensuring maximum air dispersion to achieve a balanced temperature throughout the area.

Floor console: For every home design, there's a unique heating and cooling solution. The design of the unit is like that of a wall convector. With limited wall space and easy accessibility for maintenance and cleaning, a floor console is an ideal choice. This unit can discharge air from the bottom or top for better air convection during heating and cooling.



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.

We've got your back with an exceptional warranty

All Mix-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 available with separate third-party purchase, contact your dealer for details.



Get cozy with the leader in its category

With the Mix-Moov series, you enjoy a superior heating performance from one of the most efficient units in its category.

Optional accessories



Wired Control KJRLAACN1
On-Off, NO-programmable

Wired Control KJRSAALW1
On-Off, Programmable

Wi-Fi

Ducted	Optional	Comes standard	N/A
One & four-way cassette	Optional	Comes standard	N/A
Console	Optional	Optional	Optional

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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