



MOOVAIR[®]

-25°C | **HEAT+**
-30°C

Up to 23.5 SEER2

DUCTABLE, CEILING CASSETTE
OR FLOOR CONSOLE HEAT PUMPS

Mix-MOOV



Performance in heating down to  **-25°C**
-30°C

Limited Warranty
10
YEARS
COMPRESSOR
& PARTS

Technical specifications

Down to
-25°C



** While grants are available



*Some models qualify for ENERGY STAR



HEAT PUMP SYSTEM		CEILING CASSETTES -25°C							
		9,000 BTU	12,000 BTU	18,000 BTU	24,000 BTU	36,000 BTU	48,000 BTU	9,000 BTU	
Indoor model		DUA09HICU230X5	DUA12HICU230X5	DUA18HICU230X5	DUA24HICU230X5	DUA36HICU230X5	DUA48HICU230X5	DUA09HIDU230X5	
Outdoor model		DMA09HOS25230E8	DMA12HOS25230E8	DMA18HOS25230E8	DMA24HOS25230E8	DMA36HOS18230S5	DMA48HOS18230S5	DMA09HOS25230E8	
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	208-230/1/60	208-230/1/60	
Cooling	Capacity (range) BTU/h	9,000 (2,970-10,500)	12,000 (2,800-14,100)	16,000 (5,600-16,000)	24,000 (8,100-26,200)	36,000 (12,400-36,000)	48,000 (16,600-48,000)	9,000 (2,220-11,600)	
	EER2 BTU/h	13	14	12.5	12.5	9.4	9.5	12.5	
	SEER2 BTU/h	20	22.7	20.5	21.5	19.2	18.5	19.2	
Heating	Capacity (range) BTU/h	10,000 (2,230-11,650)	12,000 (2,000-14,600)	19,000 (7,700-19,000)	25,000 (10,600-30,000)	38,000 (11,200-38,000)	50,000 (11,850-52,000)	10,000 (2,240-13,350)	
	COP2 W/W	3.08	3.37	2.78	3.32	3.18	3.1	3.62	
	HSPF2 Region 5 (Region 4) BTU/h	8.2 (10)	7.8 (10)	8 (10.5)	7.8 (9.7)	7 (8.8)	7.5 (9.8)	8 (10.2)	
Max. fuse (Outdoor) A		15	15	30	30	45	50	15	
Compressor Type		Rotary	Rotary	Rotary	Twin-Rotary	Rotary	Rotary	Rotary	
Indoor air flow (Turbo/Hi/Mi/Lo) 0 = no turbo	m ³ /h	0/600/ 520/460	0/570/ 480/410	0/956/ 825/746	1300/1200/ 1080/930	1770/1610/ 1450/1280	2190/1990/ 1800/1590	0/600/ 480/300	
	CFM	0/352.94/ 305.88/270.59	0/335.29/ 282.35/241.18	0/562.35/ 485.29/438.82	764.71/705.88/ 635.29/547.06	1041.18/947.06/ 852.94/752.94	1288.24/1170.59/ 1058.82/935.29	0/352.94/ 282.35/176.47	
Indoor noise level (Hi/Mi/Lo) dB(A)		37.5/34.5/31.5	40/36/32.5	46/41.5/39.5	49/46/43	52.5/50/46.5	55/53/50	33.5/28.5/27	
Indoor unit	Dimension (WxDxH)	mm	570×570×260	570×570×260	570×570×260	830×830×205	830×830×245	830×830×287	700×506×200
		in	22.44×22.44×10.24	22.44×22.44×10.24	22.44×22.44×10.24	32.68×32.68×8.07	32.68×32.68×9.65	32.68×32.68×11.30	27.56×19.92×7.87
	Net/Gross weight	kg	14.5/17.3	16/18.6	16.2/21.3	21.4/25.1	27.2/31.3	29.3/33.6	17.7/21.9
		lbs	31.97/38.14	35.27/41.01	35.71/46.96	47.18/55.34	59.97/69.00	64.59/74.07	39.02/48.28
Outdoor fan motor	Qty	1	1	1	1	1	2	1	
	Speed r/min	800/600	800/600	810/720	900/450	950/800/500	850/750/650/550	800/600	
Outdoor noise level dB(A)		53	54	60.5	61	63.5	65	55	
Outdoor unit	Dimension (WxDxH)	mm	765×303×555	765×303×555	890×342×673	946×410×810	946×410×810	952×415×1333	765×303×555
		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	37.24×16.14×31.89	37.48×16.34×52.48	30.12×11.93×21.85
	Net/Gross weight	kg	28.9/31.3	28.9/31.3	42.8/45.8	56.6/61.2	70.5/75.4	99.4/113	28.9/31.3
		lbs	63.71/69.00	63.71/69.00	94.36/100.97	124.78/134.92	155.42/166.23	219.14/249.12	63.71/69.00
Refrigerant precharge		(ft)	25	25	25	25	25	25	
		(m)	7.5	7.5	7.5	7.5	7.5	7.5	
Refrigerant piping	Liquid side/ Gas side	mm	6.35/9.52	6.35/12.7	6.35/12.7	9.52/15.9	9.52/15.9	9.52/15.9	6.35/9.52
		in	1/4 / 3/8	1/4 / 1/2	1/4 / 1/2	3/8 / 5/8	3/8 / 5/8	3/8 / 5/8	1/4 / 3/8
	Max. refrigerant pipe length	m	25	25	30	50	65	65	25
		ft	82.02	82.02	98.42	164.04	213.25	213.25	82.02
	Max. difference in level	m	10	10	20	25	30	30	10
		ft	32.81	32.81	65.62	82.02	98.42	98.42	32.81
Moisture removal L/h		1.0	1.10	2.27	2.45	4.52	5.67	1.02	
Thermostat type		Remote control	Remote control	Remote control	Remote control	Remote control	Remote control	Wired control	
Outdoor temperature operating range	T° ext. climatization	°C (°F)	-25~50 (-13~122)	-25~50 (-13~122)	-25~50 (-13~122)	-25~50 (-13~122)	-15~50 (5~122)	-25~50 (-13~122)	
	T° ext. chauffage	°C (°F)	-25~24 (-13~75)	-25~24 (-13~75)	-25~24 (-13~75)	-25~24 (-13~75)	-15~24 (5~75)	-25~24 (-13~75)	
Eligible for Greener Home Grant**		Yes	Yes	Yes	Yes	No	Yes	Yes	



DUCTABLE UNITS -25°C						CONSOLE -25°C	CEILING CASSETT		
12,000 BTU	18,000 BTU	24,000 BTU	36,000 BTU	48,000 BTU	60,000 BTU	12,000 BTU	9,000 BTU	12,000 BTU	18,000 BTU
DUA12HIDU230X5	DUA18HIDU230X5	DUA24HIDU230X5	DUA36HIDU230X5	DUA48HIDU230X5	DUA60HIDU230X5	DUB12HIFU230X5A	DUA09HICU230X5	DUA12HICU230X5	DUA18HICU230X5
DMA12HOS25230E8	DMA18HOS25230E8	DMA24HOS25230E8	DMA36HOS18230S5	DMA48HOS18230S5	DMA60HOS18230S5	DMA12HOS25230E8	DMA09HOS28230E8	DMA12HOS28230E8	DMA18HOS28230E8
208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
11,500 (2,100~13,450)	17,000 (5,800~18,000)	23,000 (6100~28,200)	36,000 (8,900~36,000)	48,000 (10,500~48,000)	59,000 (12,000~62,000)	12,000 (6,200~13800)	9,000 (2,850~11,100)	12,000 (3,000~13,700)	16,000 (5,600~17,000)
11.7	12.5	12.5	8.8	8.5	10.3	13	13	12.7	12.5
19	20	19	15.8	15.1	17	23.5	20.5	22.3	20
12,000 (1,900~15,000)	20,000 (5,000~20,000)	25,000 (11,700~33,000)	40,000 (12,700~40,000)	50,000 (11,000~63,400)	60,000 (12,000~60,000)	12,000 (3,800~14,600)	9,800 (2,270~12,500)	12,000 (2,000~15,300)	17,000 (8,700~21,000)
3.52	3.12	3.61	3.3	3.19	3.52	3.9	3.09	3.26	2.95
7.8 (10.3)	8.2 (10.6)	8.8 (11.2)	7 (8.8)	7.3 (9.3)	6.5 (8.4)	11.2 (13.3)	7.8 (10.3)	8 (10.2)	7.8 (9.5)
15	30	30	45	50	50	15	15	15	25
Rotary	Rotary	Twin-Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Twin-Rotary
0/600/ 480/300	0/900/ 765/630	0/1318.3/ 1178.2/739.3	0/1839/ 1551/1195	0/2088.3/ 1752.7/1214.9	3915/3665/ 2906/2145	0/640/ 550/450	0/600/ 520/460	0/570/ 480/410	0/956/ 825/746
0/352.94/ 282.35/176.47	0/529.41/ 450.00/370.59	0/775.47/ 693.06/434.88	0/1081.76/ 912.35/702.94	0/1228.41/ 1031.00/714.65	2302.94/2155.88/ 1709.41/1261.76	0/376.47/ 323.53/264.71	0/352.94/ 305.88/270.59	0/335.29/ 282.35/241.18	0/562.35/ 485.29/438.82
38/34.5/31	42/38/35.5	44/41/37	48.0/43.5/40.5	52.0/50.0/49.0	57/54/51	40/37/26	39.5/36/32.5	40.5/35.5/31.5	43.5/38.5/35.5
700×506×200	880×674×210	1100×774×249	1360×774×249	1200×874×300	1400×858×460	794×200×621	570×570×260	570×570×260	570×570×260
27.56×19.92×7.87	34.65×26.54×8.27	43.31×30.47×9.80	53.54×30.47×9.80	47.24×34.41×11.81	55.12×33.78×18.11	31.26×7.87×24.45	22.44×22.44×10.24	22.44×22.44×10.24	22.44×22.44×10.24
17.8/22	25.1/30.4	41/48	50.3/58.1	54.3/64.3	79.2/90.9	14.9/18.8	14.5/17.3	16/18.6	16.2/21.3
39.24/48.50	55.34/67.02	90.39/105.82	110.89/128.09	119.71/141.76	174.60/200.40	32.85/41.45	31.97/38.14	35.27/41.01	35.71/46.96
1	1	1	1	2	2	1	1	1	1
800/600	810/720	900/810/450/360	950/800/500	850/750/650/550	850/750/650	800/600	850/680/450	850/680/450	810/720
53.5	60	59	65	63.5	62.5	54	55	52.5	59
765×303×555	890×342×673	946×410×810	946×410×810	952×415×1333	952×415×1333	765×303×555	805×330×554	805×330×554	890×342×673
30.12×11.93×21.85	35.04×13.46×26.50	37.24×16.14×31.89	37.24×16.14×31.89	37.48×16.34×52.48	37.48×16.34×52.48	30.12×11.93×21.85	31.69×12.99×21.81	31.69×12.99×21.81	35.04×13.46×26.50
28.9/31.3	42.8/45.8	56.6/61.2	70.5/75.4	99.4/113	98.5/112.6	28.9/31.3	33.6/36.4	33.4/36	45.8/49
63.71/69.00	94.36/100.97	124.78/134.92	155.42/166.23	219.14/249.12	217.15/248.24	63.71/69.00	74.07/80.25	73.63/79.37	100.97/108.03
25	25	25	25	25	25	25	25	25	25
7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
6.35/12.7	6.35/12.7	9.52/15.9	9.52/15.9	9.52/15.9	9.52/22	6.35/12.7	6.35/9.52	6.35/12.7	6.35/12.7
1/4 / 1/2	1/4 / 1/2	3/8 / 5/8	3/8 / 5/8	3/8 / 5/8	3/8 / 7/8	1/4 / 1/2	1/4 / 3/8	1/4 / 1/2	1/4 / 1/2
25	30	50	65	65	65	25	25	25	30
82.02	98.42	164.04	213.25	213.25	213.25	82.02	82.02	82.02	98.42
10	20	25	30	30	30	10	10	10	20
32.81	65.62	82.02	98.42	98.42	98.42	32.81	32.81	32.81	65.62
1.60	1.47	1.52	3.2/3.37	4.43	5.58	-	1.03	1.69	2.22
Wired control	Wired control	Wired control	Wired control	Wired control	Wired control	Remote control	Remote control	Remote control	Remote control
-25~50 (-13~122)	-25~50 (-13~122)	-25~50 (-13~122)	-15~50 (5~122)	-15~50 (5~122)	-15~50 (5~122)	-25~50 (-13~122)	-30~50 (-22~122)	-30~50 (-22~122)	-30~50 (-22~122)
-25~24 (-13~75)	-25~24 (-13~75)	-25~24 (-13~75)	-25~24 (-13~75)	-25~24 (-13~75)	-25~24 (-13~75)	-25~24 (-13~75)	-30~24 (-22~75)	-30~24 (-22~75)	-30~24 (-22~75)
Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes



Down to
-30°C

TES -30°C			DUCTABLE UNITS -30°C							CONSOLE
24,000 BTU	36,000 BTU	48,000 BTU	9,000 BTU	12,000 BTU	18,000 BTU	24,000 BTU	36,000 BTU	48,000 BTU	60,000 BTU	12,000 BTU
DUA24HICU230X5	DUA36HICU230X5	DUA48HICU230X5	DUA09HIDU230X5	DUA12HIDU230X5	DUA18HIDU230X5	DUA24HIDU230X5	DUA36HIDU230X5	DUA48HIDU230X5	DUA60HIDU230X5	DUB12HIFU230X5A
DMA24HOS28230E8	DMA36HOS28230E8	DMA48HOS28230E8	DMA09HOS28230E8	DMA12HOS28230E8	DMA18HOS28230E8	DMA24HOS28230E8	DMA36HOS28230E8	DMA48HOS28230E8	DMA60HOS28230E8	DMA12HOS28230E8
208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
24,000 (8,000~25,000)	36,000 (12,400~36,000)	48,000 (2,700~48,900)	9,000 (2,400~12,500)	12,000 (2,250~14,400)	17,000 (6,500~18,800)	24,000 (6,500~27,800)	36,000 (9,770~41,600)	48,000 (10,300~53,100)	55,000 (12,000~59,000)	12,000 (7,600~14,400)
11	9.5	8.3	13.2	11.7	11.7	12	9	8.2	9.4	13.3
20.5	19.4	16.8	20.2	19.5	18	19.2	16.5	14.3	15.8	23
25,000 (11,800~27,000)	40,000 (11,200~50,000)	53,000 (11,800~50,000)	10,000 (1,700~15,600)	12,500 (1,800~16,300)	19,000 (8,900~22,000)	25,000 (12,200~32,200)	42,000 (12,700~52,000)	52,000 (11,500~63,600)	57,000 (12,000~63,600)	12,000 (5,000~15,700)
3.5	3.05	3.17	3.37	3.56	2.93	3.3	3.33	3.28	3.24	4.1
9.2 (11.5)	8.5 (10.5)	8.5 (10.7)	9.5 (12)	8.2 (10)	7.5 (9.5)	8.8 (10.5)	8.8 (11)	8.4 (10.3)	7.8 (9.5)	10.4 (11.8)
35	50	50	15	15	25	35	50	50	60	15
Twin-Rotary	Rotary	Rotary	Rotary	Rotary	Twin-Rotary	Twin-Rotary	Rotary	Rotary	Rotary	Rotary
1300/1200/ 1080/930	1770/1610/ 1450/1280	2190/1990/ 1800/1590	0/600/ 480/300	0/600/ 480/300	0/900/ 765/630	0/1318.3/ 1178.2/739.3	0/1839/ 1551/1195	2600/2600/ 1900/1250	3915/3665/ 2906/2145	0/640/ 550/450
764.71/705.88/ 635.29/547.06	1041.18/947.06/ 852.94/752.94	1288.24/1170.59/ 1058.82/935.29	0/352.94/ 282.35/176.47	0/352.94/ 282.35/176.47	0/529.41/ 450.00/370.59	0/775.47/ 693.06/434.88	0/1081.76/ 912.35/702.94	1529.41/1529.41/ 1117.65/735.29	2302.94/2155.88/ 1709.41/1261.76	0/376.47/ 323.53/264.71
48/45.5/43	52.5/50/46.5	55.5/52.5/50	33/30.5/27	40/31.5/26.5	40/37.5/35	44/40/35.5	49.5/46.5/43.0	54.5/50.5/47.5	54/49.5/46	42/39/25
830×830×205	830×830×245	830×830×287	700×506×200	700×506×200	880×674×210	1100×774×249	1360×774×249	1200×874×300	1400×858×460	794×200×621
32.68×32.68×8.07	32.68×32.68×9.65	32.68×32.68×11.30	27.56×19.92×7.87	27.56×19.92×7.87	34.65×26.54×8.27	43.31×30.47×9.80	53.54×30.47×9.80	47.24×34.41×11.81	55.12×33.78×18.11	31.26×7.87×24.45
21.4/25.1	27.2/31.3	29.3/33.6	17.7/21.9	17.8/22	25.1/30.4	41/48	50.3/58.1	54.3/64.3	79.2/90.9	14.9/18.8
47.18/55.34	59.97/69.00	64.59/74.07	39.02/48.28	39.24/48.50	55.34/67.02	90.39/105.82	110.89/128.09	119.71/141.76	174.60/200.40	32.85/41.45
1	2	2	1	1	1	1	2	2	2	1
950/800/500	800/750/650	900/850/800/750	850/680/450	850/680/450	810/720	950/800/500	800/750/650	900/850/800/750	850/700	850/680/450
62	63.5	66.5	54	52	59	62	65	65	60.5	56
946×410×810	952×415×1333	952×415×1333	805×330×554	805×330×554	890×342×673	946×410×810	952×415×1333	952×415×1333	952×415×1333	805×330×554
37.24×16.14×31.89	37.48×16.34×52.48	37.48×16.34×52.48	31.69×12.99×21.81	31.69×12.99×21.81	35.04×13.46×26.50	37.24×16.14×31.89	37.48×16.34×52.48	37.48×16.34×52.48	37.48×16.34×52.48	31.69×12.99×21.81
61/65.5	99.9/112.5	103/116	33.6/36.4	33.4/36	45.8/49	61/65.5	99.9/112.5	103/116	109.2/123.2	33.4/36
134.48/144.40	220.24/248.02	227.07/255.73	74.07/80.25	73.63/79.37	100.97/108.03	134.48/144.40	220.24/248.02	227.07/255.73	240.74/271.61	73.63/79.37
25	25	25	25	25	25	25	25	25	25	25
7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
9.52/15.9	9.52/15.9	9.52/15.9	6.35/9.52	6.35/12.7	6.35/12.7	9.52/15.9	9.52/15.9	9.52/15.9	9.52/22	6.35/12.7
3/8 / 5/8	3/8 / 5/8	3/8 / 5/8	1/4 / 3/8	1/4 / 1/2	1/4 / 1/2	3/8 / 5/8	3/8 / 5/8	3/8 / 5/8	3/8 / 7/8	1/4 / 1/2
50	65	65	25	25	30	50	65	65	65	25
164.04	213.25	213.25	82.02	82.02	98.42	164.04	213.25	213.25	213.25	82.02
25	30	30	10	10	20	25	30	30	30	10
82.02	98.42	98.42	32.81	32.81	65.62	82.02	98.42	98.42	98.42	32.81
3	4.54	5.4	0.92	1.65	1.60	1.59	2.85	4.87	5.84	-
Remote control	Remote control	Remote control	Wired control	Wired control	Wired control	Wired control	Wired control	Wired control	Wired control	Remote control
-30~50 (-22~122)	-15~50 (5~122)	-15~50 (5~122)	-30~50 (-22~122)	-30~50 (-22~122)	-30~50 (-22~122)	-30~50 (-22~122)	-15~50 (5~122)	-15~50 (5~122)	-15~50 (5~122)	-30~50 (-22~122)
-30~24 (-22~75)	-30~24 (-22~75)	-30~24 (-22~75)	-30~24 (-22~75)	-30~24 (-22~75)	-30~24 (-22~75)	-30~24 (-22~75)	-30~24 (-22~75)	-30~24 (-22~75)	-30~24 (-22~75)	-30~24 (-22~75)
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes

Versatility meets Performance.



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 esthetic. So, your one-of-a-kind home delivers perfect comfort, all year round.

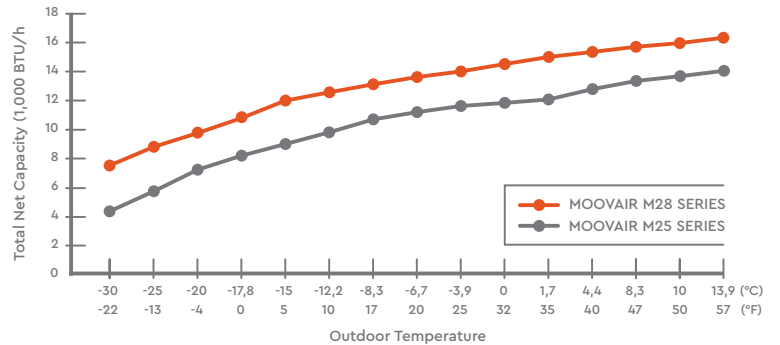
Ducted: The compact ducted unit installation flexibility of horizontal or vertical orientation means this unit can be adapted to a multitude of different installation locations. The concealed ducted unit is the ideal way to achieve an exceptionally clean and discrete finish.

Cassette: Designed to fit in a suspended ceiling or between ceiling joists, this unit is 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 these units 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.

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.



Over 70 years of expertise is behind every Moovair® product.

From blisteringly hot and humid summers to harsh, long winters, heating and cooling is a critical part of our everyday enjoyment. The Moovair® brand was created by The Master Group with the unique challenges of the Canadian climate in mind.

By focusing on well-being, customized comfort, peace of mind and reliability, our long history in the heating, ventilation and cooling industry helped us create options that turn every home into an oasis – no matter what the weather is like outside.

With one of the best warranties in the industry, we've got your back with multiple options that offer unmatched customization and peace of mind.



Optional accessories



	Wired Control KJR-120L On-Off, Non-programmable	Wired Control KJR-120N(X6) On-Off, Programmable	Wired Control KR-120N(X6W) On-Off, Programmable, Wi-Fi	Wi-Fi Kit
Floor mount	Optional	N/A	N/A	N/A
Cassette	Optional	Optional	Optional	Optional
Ducted	Included	Optional	Optional	Optional

An exceptional warranty for worry-free performance and confidence.

Limited Warranty
10 YEARS
PARTS

Limited Warranty
10 YEARS
COMPRESSOR

Optional
5 YEARS
LABOUR

OR

Optional
10 YEARS
LABOUR



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. Optional 5 and 10-year labour warranties are also available.

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

THE MOOVAIR® EFFECT

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.

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.

