



MOOVAIR[®]

-30°C | **HEAT+**
Up to 16.5 SEER2

Central-Moov

MATCHED COIL ADD-ON SYSTEM
for electric and dual fuel installations & retrofits



Performance in heating down to



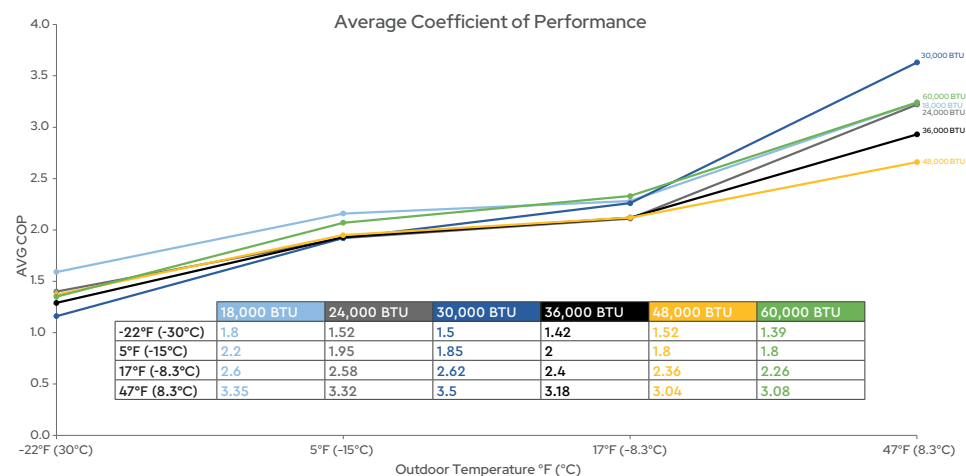
-30°C

Home comfort is our priority

Moovair® products are designed for the Canadian climate with your comfort and well-being in mind. A Central Moov heat pump system maintains the serenity of your home by keeping you cozy all year round in whisper-quiet, energy efficient comfort.

Epic performance

Central-Moov heat pumps 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.



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.

Innovative Inverter technology

Central-Moov heat pumps incorporate the latest innovation in Inverter drive technology which saves energy by reducing the number of compressor stops and starts. The modulation by 1% increments up to 100% capacity efficiently maintains the set temperature. This innovative technology ensures maximum comfort with maximum energy efficiency.



Inverter driven compressor

HEAT+

Extreme cold weather is no match for Central-Moov. HEAT+ technology provides optimal heat at low temperatures with minimal energy consumption. The Inverter modulates from approximately 30% capacity and goes up in 1% increments to 100%.

Whisper-quiet operation

Home comfort is best enjoyed in peaceful, serene surroundings, whether inside or out. Central-Moov 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.

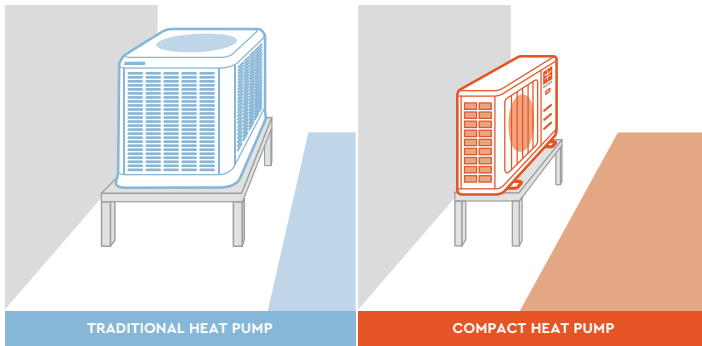


Traditional central system: 73 dB(A) Central-Moov system: 58 dB(A)



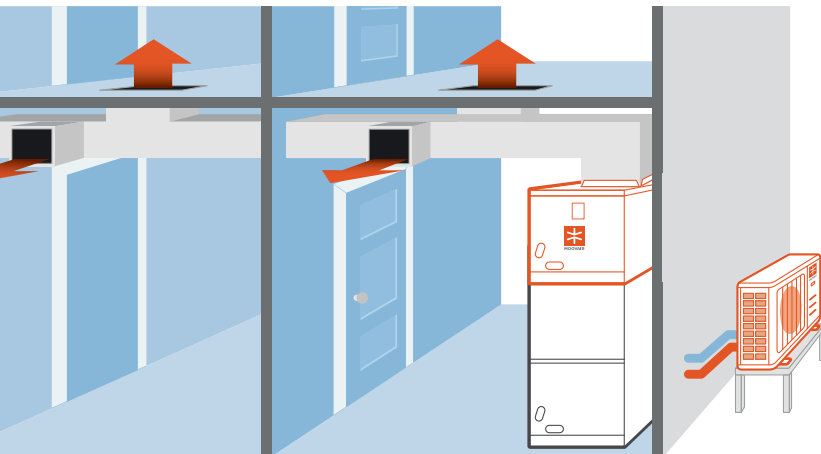
Year-round comfort

Sub-zero temperatures and inclement weather are no match for Central-Moov's power packed condenser. The indoor unit accepts the factory optional electric resistance heat banks ranging in sizes from 5 to 25 kilowatts depending on the model.



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.



Designed for the Canadian climate

Canadian climate ready, the Central-Moov with the Moovair® branded AHRI matched coil is approved for add-on applications. 5 or 10-year labour warranty plans available with separate third-party purchase, contact your dealer for details.



Whether you choose the Moovair® thermostat or any other compatible thermostat, you can trust your Moovair® dealer to help you choose the model best suited to your needs.

Add-on technical specifications

HEAT PUMP SYSTEM		18,000 BTU*	24,000 BTU*	30,000 BTU*	30,000 BTU*	36,000 BTU*	36,000 BTU*	48,000 BTU	60,000 BTU
Indoor model		CUB24HAC20BWT7A	CUB24HAC20BWT7A	CUB36HAC20BWT7A	CUB36HAC20CWT7A	CUB36HAC20BWT7A	CUB36HAC20CWT7A	CUB48HAC20CWT7A	CUB60HAC20DWT7A
Outdoor model		DMA18HOS20230E7	DMA24HOS20230E7	DMA30HOS20230E7	DMA30HOS20230E7	DMA36HOS20230E7	DMA36HOS20230E7	DMA48HOS20230E7	DMA60HOS20230E7
HEAT + Technology		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
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	208-230/1/60
Cooling	Capacity (range) BTU/h	18,000 (5,500~22,000)	24,000 (7,100~28,400)	29,000 (13,000~33,000)	30,000 (9,900~35,000)	36,000 (11,700~40,000)	35,000 (11,700~40,000)	46,000 (16,500~47,000)	53,000 (13,400~54,000)
	EER2	11.7	10.7	10.0	10.5	10	10	8.6	8.6
	SEER2	16.1	16.5	15.2	15.5	15.5	15.2	14.3	14.5
Heating	Capacity (range) BTU/h	19,000 (5,900~23,600)	25,000 (8,500~28,000)	31,000 (8,000~34,000)	33,000 (9,000~37,000)	38,000 (9,200~45,000)	39,000 (9,200~45,000)	51,000 (25,000~59,000)	55,000 (10,800~60,000)
	COP W/W	3.35	3.32	3.18	3.5	3.18	3.18	3.04	3.08
	HSPF2 Region 5 (Region 4)	7.8 (9.5)	7.7 (9.5)	6.6 (8.5)	7.7 (9.7)	7 (8.6)	8 (10)	7.5 (9)	7.1 (8.6)
Max. fuse (A) (outdoor)		20	35	35	35	50	50	50	50
Compressor Type		Twin-rotary	Twin-rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
Indoor unit	W x D x H mm	445x533x457	445x533x457	445x533x599	533x533x609	445x533x599	533x533x609	533x533x609	622x533x711
	W x D x H in	17.52x20.98x17.99	17.52x20.98x17.99	17.52x20.98x23.58	20.98x20.98x23.98	17.52x20.98x23.58	20.98x20.98x23.98	20.98x20.98x23.98	24.49x20.98x27.99
	Net/Gross weight kg	19.4/23.6	19.4/23.6	27.3/31.3	30.2/35	27.3/31.3	30.2/35	30.2/35	39.3/44.6
	Net/Gross weight lb	42.77/52.03	42.77/52.03	60.19/69.00	66.58/77.16	60.19/69.00	66.58/77.16	66.58/77.16	86.64/98.33
Outdoor fan motor	Qty	1	1	1	1	2	2	2	2
	Speed r/min	800/700/580	950/700/500/400	950/900/500	950/900/500	850/750/650	850/750/650	850/750/650	850/750/650
Outdoor noise level dB(A)		57	63.5	62	62	63	61	64	62
Outdoor unit	W x D x H mm	890x342x673	946x410x810	946x410x810	946x410x810	952x415x1333	952x415x1333	952x415x1333	952x415x1333
	W x D x H in	35.04x13.46x26.50	37.24x16.14x31.89	37.24x16.14x31.89	37.24x16.14x31.89	37.48x16.34x52.48	37.48x16.34x52.48	37.48x16.34x52.48	37.48x16.34x52.48
	Net/Gross weight kg	46.7/49.8	62/66	72.5/77	72.5/77	103/116	103/116	99.9/112.9	108.8/123.2
	Net/Gross weight lb	102.95/109.79	136.69/145.50	159.83/169.75	159.83/169.75	227.07/255.73	227.07/255.73	220.24/248.90	239.86/271.61
Refrigerant precharge ft		25	25	25	25	25	25	25	25
Refrigerant piping	Liquid side/Gas side mm (in)	9.52/19 (3/8", 3/4")	9.52/19 (3/8", 3/4")	9.52/19 (3/8", 3/4")	9.52/19 (3/8", 3/4")	9.52/19 (3/8", 3/4")	9.52/19 (3/8", 3/4")	9.52/19 (3/8", 3/4")	9.52/19 (3/8", 3/4")
	Max. refr. pipe length m (ft)	30 (98,42)	30 (98,42)	50 (164,04)	50 (164,04)	65 (213,25)	65 (213,25)	65 (213,25)	65 (213,25)
	Max. elevation dif. m (ft)	20 (65,62)	20 (65,62)	25 (98,42)	25 (98,42)	30 (98,42)	30 (98,42)	30 (98,42)	30 (98,42)
Thermostat type		Wired control	Wired control	Wired control	Wired control	Wired control	Wired control	Wired control	Wired control
Outdoor temperature operating range	Outdoor T° cool. °C/°F	-15 ~ 50 (5 ~ 122)	-15 ~ 50 (5 ~ 122)	-15 ~ 50 (5 ~ 122)	-15 ~ 50 (5 ~ 122)	-15 ~ 50 (5 ~ 122)	-15 ~ 50 (5 ~ 122)	-15 ~ 50 (5 ~ 122)	-15 ~ 50 (5 ~ 122)
	Outdoor T° heat. °C/°F	-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)
NEEP Certified		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Specifications subject to change without notice.

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.



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