



WALL MOUNTED HEAT PUMPS

M19

VARIABLE SPEED

Up to 19 SEER



Limited Warranty
10
YEARS
COMPRESSOR
& PARTS



MOOVAIR



Performance in heating down to  **-20°C**

Your house.

Your oasis.

Coming home after a long day of work. Enjoying a night for cocooning with family or friends. Your home is your oasis, a place to relax away from stressful weather conditions, and Moovair understands. Because they are manufactured using state-of-the-art technology and the highest quality standards, Moovair heat pumps ensure constant comfort in every room of the house, in every season.

A cozy interior, all year round

Seasons come and go but are all very different. Even our Canadian winters experience significant temperature fluctuations. You and your family can count on the performance and reliability of Moovair heat pumps. From one season to the next, from scorching summers to freezing winters, the power of Moovair M19 heat pumps turns your home into a cozy and comforting nest, despite temperatures as low as -20°C .

The comfort and pleasure of being at home

Built to last, Moovair heat pumps are covered by one of the best warranty programs in the industry: 10-year limited warranty on parts and compressor. Optional 5 and 10-year labor warranties are also available.



OR



Your Moovair dealer is supported by The Master Group, the largest independent HVAC-R distributor in Canada. For over 67 years, The Master Group has distinguished itself for its extensive inventory, exceptional customer service and technical expertise. An additional assurance for peace of mind for many years.

Features for every moment



Performance in heating down to -20°C

designed to offer optimal performance, even during the coldest days of the year;



25-stage compressor frequency control

gentle and precise control to increase the frequency range of the compressor from 10 to 25 stages for more comfort and energy savings;



Inverter Quattro technology

achieves energy savings and uniform temperature by reducing the number of start / stop cycles;



Follow me function

displays the room temperature from the remote control, not the thermostat, allowing a better adjustment of the desired temperature and increased comfort;



Do not disturb

allows you to disable the sound and display functions for greater operating discretion;



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;



Turbo mode

available in air conditioning and heating modes, allows you to reach the desired temperature in no time;



Air conditioning at low temperature

can operate in cooling mode at very low outside temperatures;



Intelligent anti-cold air function

prevents unpleasant cold drafts for a comforting feeling of warmth as soon as the unit is switched on in heating mode;



5-speed ventilation

five ventilation settings (compared to 2 for standard units) resulting in greater comfort and energy savings;



Frost protection

maintained temperature at 8 ° C in unoccupied homes to prevent freezing;



Self clean function

prevents mold and mildew by drying the indoor coil;



Outdoor 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;



Double filtration

a first filter eliminates dust and large particles such as pollen and animal hair. The second filter is carbon activated to absorb fine particles such as smoke and bacteria;



Silent mode

ideal for those who want a quiet environment, light sleepers and infants sensitive to external noise;



Emergency function

when a temperature error occurs, the unit displays an error code and continues operating normally rather than stopping abruptly;



Optional wall controller

available for all Moovair units.

Technical specifications

HEAT PUMP SYSTEM		9,000 BTU	12,000 BTU	18,000 BTU	24,000 BTU	30,000 BTU	36,000 BTU
Indoor model		DM09HIW19115S1	DM12HIW19115S1	DM18HIW19230S1	DM24HIW19230S1	DM30HIW19230S1	DM36HIW19230S1
Outdoor model		DM09HOS19115S1	DM12HOS19115S1	DM18HOS19230S1	DM24HOS19230S1	DM30HOS19230S1	DM36HOS19230S1
Power supply V/Ph/Hz		115/1/60	115/1/60	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	30,000	36,000
	Min. - max. cooling BTU/h	3,000-10,300	3,700-13,000	4,500-18,500	6,850-24,500	8,800-31,000	10,100-36,500
	EER BTU/Wh	11.5	10,5	11	9.5	10.5	8.5
	SEER BTU/Wh	19	19	19	17	18	16
Heating	Capacity BTU/h	10,000	12,000	18,000	24,000	30,000	36,000
	Min. - max. heating BTU/h	3,500-10,900	3,600-13,500	4,600-19,000	7,200-25,000	8,900-31,500	10,400-37,500
	COP W/W	3.11	3.43	3.1	3.2	2.83	2.75
	HSPF (Region 4) BTU/Wh	10	9.5	10	9.5	9.6	10
Max. fuse (A)		20	20	20	25	30	35
Compressor type		rotary	rotary	rotary	rotary	rotary	rotary
Indoor air flow (Hi/Med/Low) m ³ /h		420/310/220	500/360/240	765/668/446	1200/1000/765	1350/1050/800	1450/1100/800
Indoor air flow (Hi/Med/Low) CFM		247/182/129	294/212/171	450/393/262	706/588/450	795/618/471	853/647/471
Indoor noise level (Hi/Med/Low) dB(A)		38/32/25	38/30/28	43/35/30.5	48/42.5/34	52/44/35	52/44/36
Indoor model	Width x Depth x Height mm	722x187x290	802x189x297	965x215x319	1080x226x335	1259x282x362	1259x282x362
	Width x Depth x Height in	28.43x7.36x11.42	31.57x7.44x11.69	37.99x8.46x12.56	42.52x8.90x13.19	49.57x11.10x14.25	49.57x11.10x14.25
	Net/Gross weight kg	7.8/10.3	8.6/11.3	10.9/14.6	13.7/18	19.6/25.2	19.6/25.2
	Net/Gross weight lbs	17.2/22.7	18.9/24.91	24.03/32.19	30.2/39.68	43.2/55.6	43.2/55.6
Outdoor noise level dB(A)		52	55	57,5	58	62	63
Outdoor model	Width x Depth x Height mm	770x300x555	800x333x554	800x333x554	845x363x702	946x410x810	946x410x810
	Width x Depth x Height in	30.31x11.81x21.85	31.50x13.11x21.81	31.50x13.11x21.81	33.27x14.29x27.64	37.24x16.14x31.89	37.24x16.14x31.89
	Net/Gross weight kg	30.3/32.6	31.9/34.6	36.2/38.9	47.7/50.9	62.5/67	65/69.5
	Net/Gross weight lbs	66.8/71.87	70.33/76.28	79.8/85.76	105.16/112.22	137.79/147.71	143.3/153.22
Refrigerant piping	Liquid side, Gas side 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"
	Max. refrigerant pipe length m (ft)	25 (82)	25 (82)	30 (98)	30 (98)	50 (164)	65 (213)
	Max. height difference m (ft)	10 (33)	10 (33)	20 (66)	20 (66)	25 (82)	30 (98)
Thermostat type		remote control	remote control	remote control	remote control	remote control	remote control
Refrigerant precharge in		25	25	25	25		
Operating temperature range	Indoor (cooling/heating) °C	17-32/0-30	17-32/0-30	17-32/0-30	17-32/0-30	17-32/0-30	17-32/0-30
	Indoor (cooling/heating) °F	62-90/32-86	62-90/32-86	62-90/32-86	62-90/32-86	62-90/32-86	62-90/32-86
	Outdoor (cooling/heating) °C	-20-50/-20-30	-20-50/-20-30	-20-50/-20-30	-20-50/-20-30	-20-50/-20-30	-20-50/-20-30
	Outdoor (cooling/heating) °F	-4-122/-4-86	-4-122/-4-86	-4-122/-4-86	-4-122/-4-86	-4-122/-4-86	-4-122/-4-86



Authorized dealer

