

MOOVAIR®
MISTRAL

TECHNICAL SPECIFICATIONS

HEAT PUMP SYSTEM

			9,000 BTU	12,000 BTU	18,000 BTU	24,000 BTU
Indoor Model			MWHEA09C2AN1	MWHEA12C2AN1	MWHEA18C2AN1	MWHEA24C2AN1
Outdoor Model			MSHEA09C2AN1	MSHEA12C2AN1	MSHEA18C2AN1	MSHEA24C2AN1
HEAT+ Technology			NO	NO	NO	NO
Power Supply		V/Ph/Hz	208–230V/1Ph/60Hz	208–230V/1Ph/60Hz	208–230V/1Ph/60Hz	208–230V/1Ph/60Hz
Cooling	Capacity (range)	BTU/h	9,000 (2,200~13,000)	12,000 (2,900~14,500)	18,000 (3,500~18,900)	24,000 (5,500~29,500)
	EER2		14.9	13	12.7	14
	SEER2		25.8	25.5	23.5	23
Heating	Capacity at 5℉	BTU/h	8,000	8,400	12,800	19,600
	Capacity at 17℉	BTU/h	8,100	10,100	15,000	22,400
	COP		3.90	3.90	3.50	3.96
	HSPF2 Region IV		12.5	10.6	10.8	11.7
Max. Fuse (Outdoor)		A	15	15	20	25
Compressor Type			ROTARY	ROTARY	ROTARY	ROTARY
Indoor Air Flow *(Turbo/Hi/Mi/Lo/Si)*		m^3/h	750/550/390/ 300/250	750/550/390/ 300/250	1080/850/610/ 500/(n/a)	1380/1050/700/ 540/(n/a)
		CFM	441.4/323.7/ 229.6/176.6/147.2	441.4/323.7/ 229.6/176.6/147.2	635.7/500.3/ 359/294.3/(n/a)	812.3/618/ 412/317.8/(n/a)
Indoor Noise Level *(Turbo/Hi/Mi/Lo/Si)*		dB(A)	47.5/43/31/18/17	46/38/33/18/18	49/45/39/28/20	51.5/43.5/39.5/ 21.5/19
Indoor Unit	Dimension (WxDxH)	in	33.4×9.2×11.8	33.4×9.2×11.8	40×9.8×12.6	46.9×11.2×14.6
	Net Weight	lb	23.4	22.9	27.3	43.7
Outdoor Noise Level		dB(A)	52.5	56	58	58
Outdoor Unit	Dimension (WxDxH)	in	30.1×11.9×21.9	30.1×11.9×21.9	35×13.5×26.5	37.2×16.1×31.9
	Net Weight	lb	62.2	62.2	92.6	122.1
Refrigerant Precharge		oz	32.5	32.5	48	70.6
Refrigerant Piping	Liquid Side	in	1/4	1/4	1/4	3/8
	Gas Side	in	3/8	3/8	1/2	5/8
	Max. Refrig. Pipe Length	ft	82	82	98.40	164
	Max Difference in Level	ft	49.2	49.2	65.6	82
Moisture Removal		gph	0.159	0.291	0.528	0.608
Included Controller Type			REMOTE CONTROL	REMOTE CONTROL	REMOTE CONTROL	REMOTE CONTROL
Indoor Room	Set Point Range	℉	60~90	60~90	60~90	60~90
Outdoor	Outdoor temperature range of op (cooling)	℉	-13~122	-13~122	-13~122	-13~122
	Outdoor temperature range of op (heating)	℉	-13~75	-13~75	-13~75	-13~75
Refrigerant			R454B	R454B	R454B	R454B
ENERGY STAR V6.1			✓	✓	✓	✓
ENERGY STAR V6.1 Cold Climate			✓	✓	✓	✓

Product specifications may change without notice.

Limited Warranty 10 YEARS PARTS

Replacement Warranty 2 YEARS MAJOR COMPONENT FULL UNIT

Limited Warranty 90 DAYS LABOR

Disclaimer. Warranty coverage requires installation by a licenses HVAC professional. Improper installation may void warranty. See full warranty document for terms and conditions.

ENERGY STAR

INVERTER

AHRI CERTIFIED

R454B