MJ Series

R454B

FEATURES

- Sizes 024 (2 ton, 7 kW) through 060 (5 tons, 17.6 kW)
- Exceeds ASHRAE 90.1 efficiency standards
- Environmentally friendly R-454B low-GWP refrigerant
- Refrigerant Detection System (RDS) factory installed on all sizes (MJ, MA, MK)
- Intelligent variable-speed Constant Volume (CV) EC blower motors for precise airflow control (MA)
- Part-load operation significantly lowers annual operating costs
- Galvanized-steel cabinet construction with Bright White polyester powder coated finish.
- Sound-absorbing glass-fiber insulation
- Unique double-isolation compressor mounting with vibration isolation for quieter operation (MJ)
- Separate compressor and air-handler sections for application flexibility
- TXV metering device
- Field-convertible supply and return configuration (MA, MK)
- Unit Performance Sentinel performance- monitoring system
- DXM2.5 Advanced Communicating Controls:
  - Connect directly to the system with a Wireless Service Tool
  - Provides real-time unit operating conditions
  - Reduces startup, commissioning, and service time by providing key system temperatures electronically
  - Captures operating conditions in the event of a safety shutdown
- Eight standard safety features
- Easy-to-clean thermoset drain pan (MA, MK)
- Anti-short cycle and over/under voltage protection
- Easy-access swing-out control box
- High-pressure, loss-of-charge, and condensate overflow protection
- LED fault and status indication at controller
- Corrosive-resistant aluminum air coil (MA, MK)
- Convenient service-tool access port for controller configuration and diagnostics located on the front corner post.

Comfort-Aire®

GEOTHERMAL SPLIT SERIES

2 to 6 Tons
Energy Efficient Heating & Cooling

AHRI CERTIFIED® www.ahridirectory.org Water Source HP ANSI/AHRI/ASHRAE/ISO13256

ETL LISTED c US Intertek

Warranty—12 years on compressor, 12 years on parts
(Some limitations apply; see printed warranty for details.)

www.comfort-aire.com

MJ Series

Comfort-Aire®

MJ ISO Ratings

ASHRAE/AHRI/ISO 13256-1 MJ with MARS MK (Part Load) (English IP)

Model	Motor Type	Water Loop Heat Pump				Ground Water Heat Pump				Ground Loop Heat Pump			
		Cooling		Heating		Cooling		Heating		Cooling		Heating	
		Capacity	EER	Capacity	COP	Capacity	EER	Capacity	COP	Capacity	EER	Capacity	COP
MJ024	EC	16.400	16.5	19.900	5.9	18,100	28.5	16,400	4.8	18,000	24.0	14,700	4.3
MJ036	EC	26.300	18.4	29.500	5.5	29,500	30.4	24,000	4.6	28,300	24.6	21,600	4.2
MJ048	EC	31.500	16.3	38.400	5.5	38,100	29.0	31,300	4.6	35,300	21.9	28,500	4.0
MJ060	EC	40.800	15.7	46.700	5.2	46.500	25.8	38,900	4.4	44,400	22.0	34,500	4.0

- *Cooling capacities based upon 80.6°F DB, 66.2°F WB entering air temperature*
- *Heating capacities based upon 68°F DB, 59°F WB entering air temperature*
- *Ground Loop Heat Pump ratings based on 15% methanol antifreeze solution*
- *All ratings based upon operation at lower voltage of dual-voltage rated models*

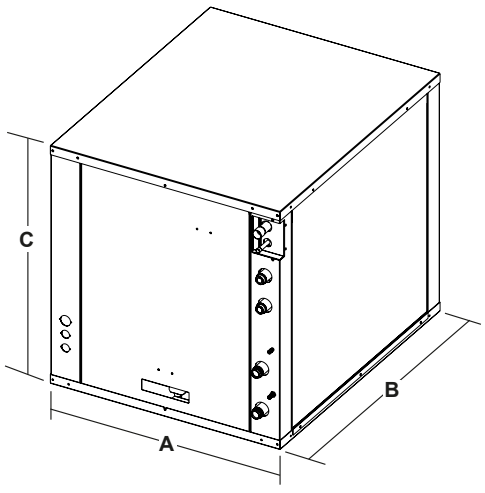
ASHRAE/AHRI/ISO 13256-1 MJ with MARS MK (Full Load) (English IP)

Model	Motor Type	Water Loop Heat Pump				Ground Water Heat Pump				Ground Loop Heat Pump			
		Cooling		Heating		Cooling		Heating		Cooling		Heating	
		Capacity	EER	Capacity	COP	Capacity	EER	Capacity	COP	Capacity	EER	Capacity	COP
MJ024	EC	23,000	15.6	27,500	5.2	24,700	23.6	22,800	4.6	23,700	17.8	18,300	3.8
MJ036	EC	36,900	15.8	41,100	5.1	41,000	23.6	33,200	4.4	36,800	18.2	27,300	3.9
MJ048	EC	47,000	15.1	56,500	5.0	51,100	21.0	46,800	4.2	48,500	16.7	36,500	3.6
MJ060	EC	57,300	14.3	65,000	5.0	63,900	20.3	56,200	4.2	59,600	16.1	46,500	3.6

- *Cooling capacities based upon 80.6°F DB, 66.2°F WB entering air temperature*
- *Heating capacities based upon 68°F DB, 59°F WB entering air temperature*
- *Ground Loop Heat Pump ratings based on 15% methanol antifreeze solution*
- *All ratings based upon operation at lower voltage of dual-voltage rated models*

Dimensional Data

Capacity		Cabinet		
		A Width	B Depth	C Height
MJ024	in	25.4	26.3	30.6
	cm	64.5	66.8	165.1
MJ036	in	25.4	26.3	30.6
	cm	64.5	66.8	165.1
MJ048	in	25.4	26.3	30.6
	cm	64.5	66.8	165.1
MJ060	in	25.4	26.3	30.6
	cm	64.5	66.8	165.1



Due to ongoing product improvements, specifications and dimensions are subject to change and correction without notice or incurring obligations. Determining the application and suitability for use of any product is the responsibility of the installer. Additionally, the installer is responsible for verifying dimensional data on the actual product before beginning any installation preparations. All products meet applicable regulations in effect on date of manufacture; however, certifications aren't necessarily granted for life of the product. It is the responsibility of the applicant to determine whether a specific model qualifies for third party incentive/rebate programs (Federal, state, utilities, etc.).

"This product complies with all California product labeling laws including, but not limited to, the Safe Drinking Water and Toxic Enforcement Act of 1986, more commonly known as Proposition 65."

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