

Job Name:

System Reference:

Date:

Indoor Unit:
MFZ-KJ09NA



Wireless Remote Controller



GENERAL FEATURES

- Floor-mounted indoor unit mounts on the floor or up to 5" above the floor
- Floor front panel access to the filter for ease of cleaning
- Perfect for difficult areas that may be smaller or don't have usable space on the walls
- Multiple fan speed options: Quiet, Low, Medium, High, Super-high, Auto
- Quiet operation
- Multi-flow vane for faster heating
- Multiple control options available:
 - Hand-held Remote Controller (provided with unit)
 - kumo cloud® smart device app for remote access
 - Third-party interface options
 - Wired or wireless controllers
- Unit can be recessed mounted into wall

SPECIFICATIONS: MFZ-KJ09NA

Cooling Capacity ¹		Btu/h	9,000
Heating Capacity ²		Btu/h	11,000
Electrical	Voltage, Phase, Frequency		208/230V, 1 phase, 60Hz
	Guaranteed Voltage Range	V AC	187-253
	Voltage: Indoor - Outdoor, S1-S2	V AC	208/230
	Voltage: Indoor - Outdoor, S2-S3	V DC	24
	Voltage: Indoor - Remote controller	V DC	12
MCA		A	1
Blower Motor Full Load Amperage		A	0.62
Blower Motor Output		W	30
Airflow Rate at Cooling, Dry		CFM	275-251-208-173-138
Airflow Rate at Cooling, Wet		CFM	234-213-177-147-117
Airflow Rate at Heating, Dry		CFM	343-219-180-159-138
Sound Pressure Level (Cooling)		dB(A)	38-34-30-25-21
Sound Pressure Level (Heating)		dB(A)	41-32-27-24-21
External Static Pressure		in.WG	N/A
Drain Pipe Size		In. (mm)	5/8 (15.88)
Condensate Lift Mechanism, Maximum Distance		Ft. (m)	N/A
Heat Exchanger Type			Plate fin coil
External Finish Color			White
Unit Dimensions	W: In. (mm)		29-17/32 (750)
	D: In. (mm)		8-15/32 (215)
	H: In. (mm)		23-5/8 (600)
Package Dimensions	W: In. (mm)		32-2/16 (816)
	D: In. (mm)		10-13/16 (275)
	H: In. (mm)		27-12/16 (693)
Unit Weight		Lbs. (kg)	33 (15)
Package Weight		Lbs. (kg)	41 (18.5)
Refrigerant	Type		R410A
	Charge	Lbs, oz	2, 10

Notes:

Nominal Conditions	¹ Cooling (Indoor // Outdoor)	°F	80 DB, 67 WB // 95 DB, 75 WB
	² Heating at 47°F (Indoor // Outdoor)	°F	70 DB, 60 WB // 47 DB, 43 WB

Capacity varies based on the number of indoor units operating and the model of the MXZ unit. For reference to connected capacity charts, please refer MXZ Multi-Zone Outdoor Unit Operational Performance.

Applications should be restricted to comfort cooling only; equipment cooling applications are not recommended for low ambient temperature conditions.

ACCESSORIES: MFZ-KJ09NA

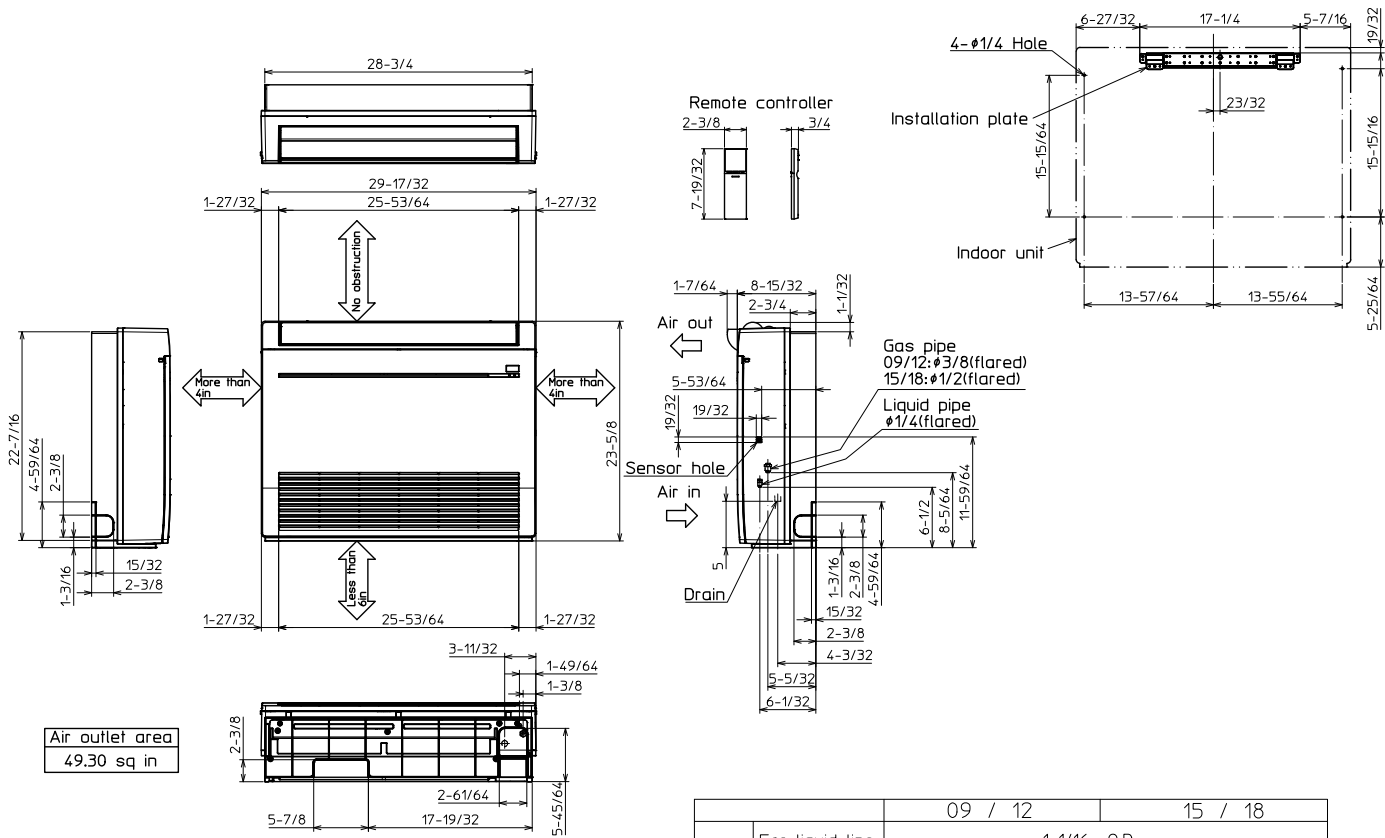
Anti-Allergy Enzyme Filter	□ MAC-408FT-E
Backlit, Wall-mounted, Wireless Controller	□ MHK1
Portable Central Controller	□ MCCH1
Wired MA Controller ¹	□ PAR-33MAA
Simple MA Controller ¹	□ PAC-YT53CRAU
Touch MA Controller ¹	□ PAR-CT01MAU-SB
Lockdown Bracket for Wireless, Hand-held, Remote Controller	□ RCMKP1CB
Wireless Temperature and Humidity Sensor	□ PAC-USWHS003-TH-1
Outside Air Sensor for MHK1	□ MOS1
System Control Interface	□ MAC-333IF-E ²
Wireless Interface	□ PAC-USWHS002-WF-1
Thermostat Interface	□ PAC-US444CN-1
kumo station®	□ PAC-WHS01HC-E
USNAP Interface	□ PAC-WHS01UP-E
IT Extender	□ PAC-WHS01IE-E
BACnet® and Modbus Interface	□ PAC-UKPRC001-CN-1
External Fan / Heater Control Relay Adapter	□ CN24RELAY-KIT-CM3
Blue Diamond Sensor Extension Cable—15 Ft.	□ C13-103
Blue Diamond Alarm Extension Cable—6.5 Ft.	□ C13-192
Blue Diamond MultiTank—collection tank for use with multiple pumps	□ C21-014
Blue Diamond Rubber Foot Pads	□ F10-010
Mini Condensate Pump—230V application	□ SI30-230
MegaBlue Advanced Blue Diamond Condensate Pump w/ Reservoir & Sensor	□ X87-835 - 110 to 250V
MaxiBlue Advanced Blue Diamond Mini Condensate Pump w/ Reservoir & Sensor (110V) up to 48,000 Btu/h [recommended]	□ X87-711 - 110V
MaxiBlue Advanced Blue Diamond Mini Condensate Pump w/ Reservoir & Sensor (208/230V) up to 48,000 Btu/h [recommended]	□ X87-721 - 208/230V
MicroBlue Blue Diamond Mini Condensate Pump (110/208/230V) up to 18,000 Btu/h	□ X85-003
Fascia Kit for MicroBlue Pump – mounts the MicroBlue and sensor directly beneath the indoor unit	□ T18-016
Drain Pan Level Sensor (Control for indoor unit shut off to prevent drain pan overflow)	□ DPLS2
3 Pole Disconnect Switch (30A/600VUL) [fits 2"x4" utility] - Black	□ TAZ-MS303
3 Pole Disconnect Switch (30A/600VUL) [fits 2"x4" utility] - White	□ TAZ-MS303W
1/4" x 3/8" x 15' / 1/2" Lineset (Twin-Tube Insulation)	□ MLS143812T-15
1/4" x 3/8" x 30' / 1/2" Lineset (Twin-Tube Insulation)	□ MLS143812T-30
1/4" x 3/8" x 50' / 1/2" Lineset (Twin-Tube Insulation)	□ MLS143812T-50
1/4" x 3/8" x 65' / 1/2" Lineset (Twin-Tube Insulation)	□ MLS143812T-65

¹ Requires MAC-333IF-E

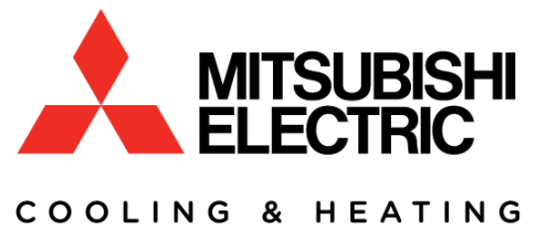
² Allows M-Series indoor units to connect to an MA controller

DIMENSIONS: MFZ-KJ09NA

Unit: inch



		09 / 12	15 / 18
Pipe cover	For liquid line	1-1/16 O.D.	
	For gas line	1-1/16 O.D.	1-7/32 O.D.
Piping	Liquid line	Flared connection 1/4	
	Gas line	Flared connection 3/8	Flared connection 1/2
Drain hose		Heat insulator 1-9/64 O.D.	Connection point 5/8 O.D. Effective length 13-25/32 (case of right backward piping)



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FORM# MFZ-KJ09NA FOR MXZ-C MULTI-ZONE HEAT-PUMP SYSTEMS - 201806

