



### Electrical:

Power Supply		208/230V, 1Ph, 60Hz
Voltage: Indoor - Outdoor, S1-S2	V AC	AC 208/230V
Voltage: Indoor - Outdoor, S2-S3	V DC	DC 12-24V
Short-circuit Current Rating (SCCR)	kA	5
Recommended Fuse/Breaker Size (Outdoor)	A	40
Recommended Wire Size (Indoor - Outdoor)	AWG	14

### Outdoor Unit Specifications:

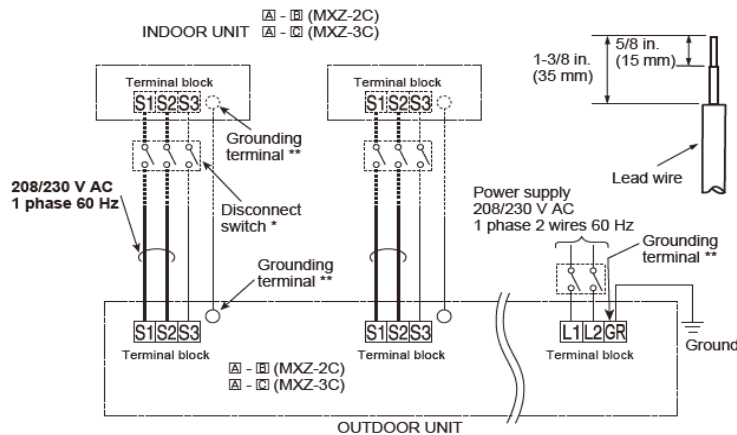
MCA	A	30.5
MOCP	A	40
Fan Motor Output	W	2.43
Airflow Rate (Cooling/Heating)	CFM	2,224 / 2,550
Sound Pressure Level, Cooling1	dB(A)	54
Sound Pressure Level, Heating2	dB(A)	58
Refrigerant Control		LEV
Compressor Oil Type / Refrigerant Charge		FV50S / 8 lbs. 13 oz. (4.0 kg)
External Finish Color		Munsell 3.0Y 7.8/1.1
Unit Weight	Lbs. [kg]	189 [86]
Unit Dimensions	W: In. [mm]	37-13/32 [950]
	D: In. [mm]	13 [330]
	H: In. [mm]	41-17/64 [1,048]
Gas Pipe Size O.D. (Flared)	In. [mm]	A: 1/2; B,C: 3/8 [A: 12.72; B,C: 9.52]
Liquid Pipe Size O.D. (Flared)	In. [mm]	A,B,C: 1/4 [A,B,C: 6.35]
Total Piping Length	Ft. [m]	230 [70]
Maximum Height Difference, ODU above IDU	Ft. [m]	49 [15]
Maximum Height Difference, ODU below IDU	Ft. [m]	49 [15]
Farthest Piping Length from ODU to IDU	Ft. [m]	82 [25]
Maximum Number of Bends for IDU		70

Model No.	Description: (Optional Accessories)
CM-S-FR-NKMU	Front Windscreen
WRE2	Rear Windscreen
WSD2	Side Windscreen
PAC-IF01MNT-E	SYSTEM M-NET CONTROL INTERFACE
MAC-A454JP-E	JOINT PIPE (3/8->1/2)
MAC-A455JP-E	JOINT PIPE (1/2->3/8)
MAC-A456JP-E	JOINT PIPE (1/2->5/8)
PAC-SG76RJ-E	JOINT PIPE (3/8 -> 5/8)

Notes:	SVZ Connections Rules:
Minimum of two Indoor units must be connected	Only 1 SVZ may be used on any system
Minimum installed capacity cannot be less than 12,000 Btu/h	When an SVZ is connected, total connected capacity must be less than 100%
System can operate with only one Indoor unit turned on	When an SVZ is connected, no P-Series Indoor units can be used (PAC, PLA, or PEAD)
May connect to any style Indoor unit or combination	
Information provided at 208/230V	
Refer "MXZ Connection Rules" additional info available within TIC	

**Remark:**

- \* A disconnect switch should be required. Check the local code.
- \*\* Use a ring tongue terminal in order to connect a ground wire to terminal.



- Connect wires to the matching numbers of terminals.
- Be sure to attach each screw to its correspondent terminal when securing the cord and/or the wire to the terminal block.

**CONNECTING WIRES AND CONNECTING GROUND WIRE**

- Use solid conductor Min. AWG14 or stranded conductor Min. AWG14.
- Use double insulated copper wire with 600 V insulation.
- Use copper conductors only.
- Follow local electrical code.

**POWER SUPPLY CABLE**

- Use solid or stranded conductor Min. AWG8.
- Use copper conductors only.
- Follow local electrical code.

**GROUND WIRE**

- Use solid or stranded conductor Min. AWG8.
- Use copper conductors only.
- Follow local electrical code.

**WARNING:**

- Use the indoor/outdoor unit connecting wire that meets the Standards to connect the indoor and outdoor units and fix the wire to the terminal block securely so that no external force is conveyed to the connecting section of the terminal block. An incomplete connection or fixing of the wire could result in a fire.

For future servicing, give extra length to the connecting wires.

- Turn on the main power when the ambient temperature is -4°F (-20°C) or higher.
- Under conditions of -4°F (-20°C), it needs at least 4hr stand by before the units operate in order to warm the electrical parts.

**Outdoor Unit Outline and Dimensions:**

