

# SLZ-KF09NA & SUZ-KA09NAHZ

9,000 Btu/h Ceiling-Cassette Heat Pump

|                     |                    |          |
|---------------------|--------------------|----------|
| Job Name:           | Location:          | Date:    |
| Purchaser:          | Submitted by:      |          |
| Submitted to:       | Reference          | Approval |
| System Designation: | Schedule Number #: |          |
| Engineer:           |                    |          |



|                   |      |      |
|-------------------|------|------|
| Energy Efficiency | SEER | 20.2 |
|                   | EER  | 15.0 |
|                   | HSPF | 10.0 |

## Accessories:

- Grille (SLP-18FAEU - Ordered separate) (w/3D i-see sensor)
- Windscreens (ME-FR-24)
- Wired Remote Sensor (PAC-SE41TS-E)
- Outside Air Sensor for MHK1 (MOS1)
- Wire for Remote on/off with CN32 connector (PAC-715AD)
- Connector and wire for Operation status/error using CN51(PAC-725AD)
- Connector of CN32 (remote on/off) (PAC-SE55RA-E)
- Connector cable for remote display (PAC-SA88HA-EP)

## Optional Controls:

- Wired Remote Controller (PAR-40MAA)
- Simple MA Remote Controller (PAC-YT53CRAU-J)
- Thermostat Interface (PAC-US444CN-1)
- System Control Interface (MAC-334IF-E)
- Wireless Remote (PAR-SL100A-E)(Requires PAR-SF9FA-E)
- Backlit, Wall-mounted, Wireless Controller (MHK1)
- Portable Central Controller (MCCH1)

|             |                                  |                      |             |
|-------------|----------------------------------|----------------------|-------------|
| Indoor unit | MCA (*)                          | A                    | 0.25        |
|             | Fan Motor                        | F.L.A                | 0.2         |
|             | Fan Motor Output                 | W                    | 50          |
|             | Air flow (Lo-Mid-Hi)             | DRY(CFM)             | 230-265-300 |
|             |                                  | WET(CFM)             | 207-239-270 |
|             | External Static Pressure         | in WG                | 0           |
|             | Sound Pressure Level (Lo-Mid-Hi) | dB (A)               | 25-28-31    |
|             | External Finish Color            | Munsell 1.0Y 9.2/0.2 |             |
|             | Dimensions                       | W: in                | 22-7/16     |
|             |                                  | D: in                | 22-7/16     |
|             |                                  | H: in                | 8-3/8       |
|             | Weight Unit                      | lbs                  | 30.6        |
|             | Field Drainpipe O.D.             | in                   | O.D. 1-1/4  |
|             | Refrigerant pipe Gas             | in                   | 3/8         |
|             | Refrigerant pipe Liquid          | in                   | 1/4         |
|             | Moisture Removal                 | Pints/h              | 1.9         |
|             | Sensible Heat Factor             |                      | 0.77        |

NOTES : \*1.Rating conditions (cooling)-Indoor : D.B. 26.7°C (80°F), W.B. 19.4°C (67°F) Outdoor : D.B. 35°C (95°F), W.B. 23.9°C (75°F)  
(heating)-Indoor : D.B. 21.1°C (70°F), W.B. 15.6°C (60°F) Outdoor : D.B. 8.3°C (47°F), W.B. 6.1°C (43°F)  
\*2.Rating conditions(heating)-Indoor : D.B. 21.1°C (70°F), W.B. 15.6°C (60°F) Outdoor : D.B. -8.3°C (17°F), W.B. -9.4°C (15°F)

| Operating range |         | Indoor intake air temperature          |  | Outdoor intake air temperature         |  |
|-----------------|---------|----------------------------------------|--|----------------------------------------|--|
| Cooling         | Maximum | D.B. 35°C (95°F), W.B. 21.7°C (71°F)   |  | D.B. 46°C (115°F)                      |  |
|                 | Minimum | D.B. 19.4°C (67°F), W.B. 13.9°C (57°F) |  | D.B. -10°C (14°F)                      |  |
| Heating         | Maximum | D.B. 26.7°C (80°F), W.B. 19.4°C (67°F) |  | D.B. 24°C (75°F), W.B. 18°C (65°F)     |  |
|                 | Minimum | D.B. 21.1°C (70°F), W.B. 15.6°C (60°F) |  | D.B. -25°C (-13°F), W.B. -26°C (-14°F) |  |

\*All electrical work shall comply with National (CEC), local codes and regulations.

Should this document be altered or changed without MESCA's permission, it becomes null and void. MESCA assumes no responsibility for any consequences in such cases.

Note: Mitsubishi Electric (MESCA) supports the use of only MESCA supplied and approved accessories for proper functioning of the unit(s). Use of non-MESCA supported accessories will affect warranty coverage.

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|                     |                            |                        |                                |
|---------------------|----------------------------|------------------------|--------------------------------|
| Outdoor unit        | MCA (*)                    | A                      | 14                             |
|                     | MOCP (*) (Breaker)         | A                      | 24 (15)                        |
|                     | Fan Motor                  | F.L.A.                 | 0.67                           |
|                     | Compressor                 | Model(Type)            | DC INVERTER-driven Twin Rotary |
|                     |                            | R.L.A.                 | 10                             |
|                     |                            | L.R.A.                 | 12.5                           |
|                     | Air flow (Cooling/Heating) | CFM                    | (1,691/1,691)                  |
|                     | Refrigerant Control        | Linear Expansion Valve |                                |
|                     | Defrost Method             | Reverse Cycle          |                                |
|                     | SPL (Cooling)              | dB (A)                 | 54                             |
|                     | SPL (Heating)              | dB (A)                 | 55                             |
|                     | External Finish Color      | Munsell No.3Y 7.8/1.1  |                                |
|                     | Dimension                  | W: in                  | 33-1/16                        |
|                     |                            | D: in                  | 13                             |
| H: in               |                            | 34-5/8                 |                                |
| Weight              | lbs                        | 129                    |                                |
| Remote Controller   | Type                       |                        | Wired Remote Controller        |
| Refrigerant         | Type                       |                        | R410A                          |
|                     | Charge                     | lbs, oz                | 3,9                            |
|                     | Oil                        | Type(Fl.oz.)           | FV50S(22.0)                    |
| Refrigerant Pipe    | Gas side O.D.              | in                     | 3/8                            |
|                     | Liquid side O.D.           | in                     | 1/4                            |
|                     | Height Difference (Max)    | ft                     | 40                             |
|                     | Length (Max.)              | ft                     | 65                             |
| Connection Method   | Indoor/Outdoor             |                        | Flared/Flared                  |
| Operation Guarantee | Cooling                    | °F                     | 14 - 115                       |
|                     | Heating                    | °F                     | -13 - 75                       |

|              |                            |                         |
|--------------|----------------------------|-------------------------|
| Power supply | Voltage, Phase, Cycle      | 1-phase, 60Hz, 208/230V |
| Voltage      | Indoor - Outdoor S1-S2     | AC 208/230V             |
|              | Indoor - Outdoor S2-S3     | DC12-24V                |
|              | Indoor - Remote controller | DC12V                   |

|         |       | MAX (Btu) | MAX RATED INPUT (W) | RATED (Btu) | RATED TOTAL INPUT (W) | COP  |
|---------|-------|-----------|---------------------|-------------|-----------------------|------|
| Heating | 47°F  | 13,992    | 1,107               | 11,660      | 840                   | 3.70 |
|         | 17°F  | 10,626    | 875                 | 7,205       | 664                   | 3.56 |
|         | 5°F   | 10,626    | 681                 | 4,730       | 517                   | 2.68 |
|         | -4°F  | 7,598     | 520                 | 2,850       | 396                   | 2.11 |
|         | -13°F | 4,569     | 346                 | 701         | 262                   | 0.78 |
| Cooling | 80°F  | 14,141    | 801                 | 14,141      | 801                   | 5.17 |

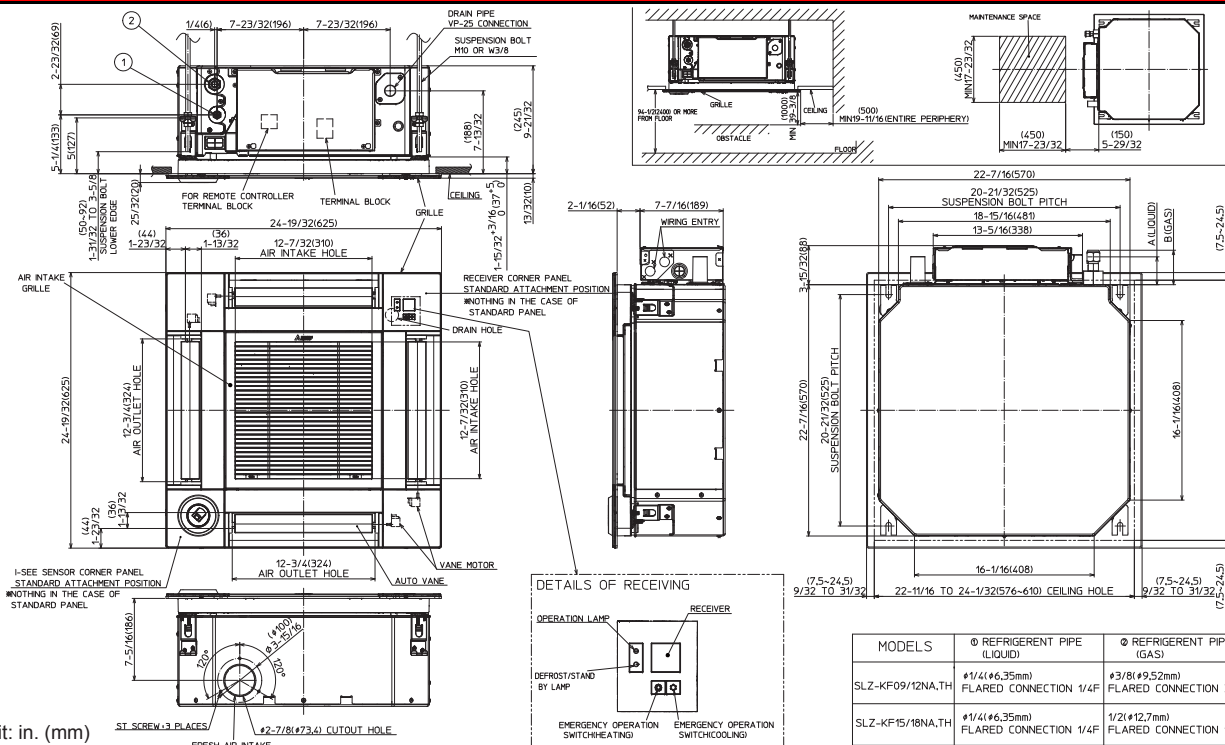
\* COP at MAX capacity

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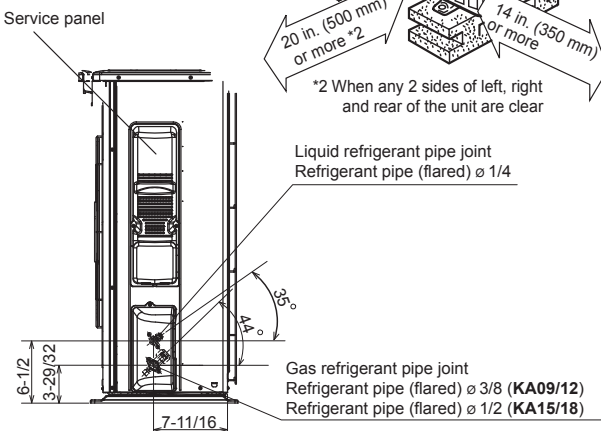
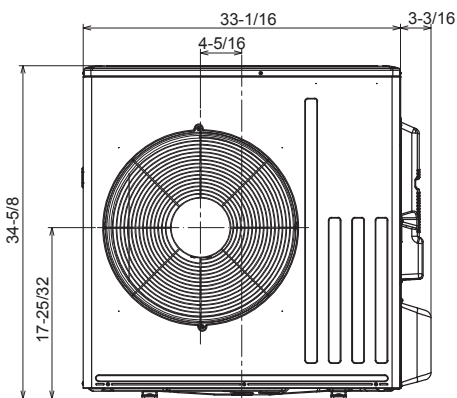
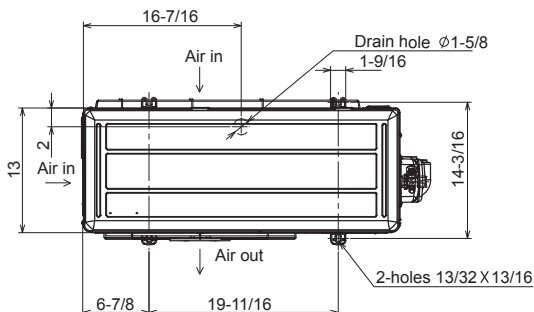
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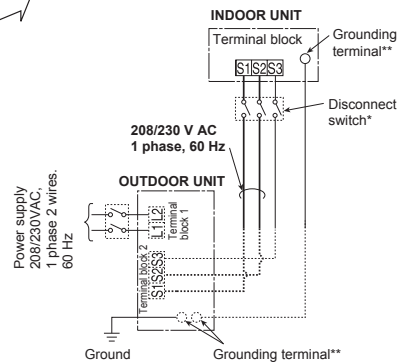


## REQUIRED SPACE

\*1 20 in. (500 mm) or more when front and sides of the unit are clear



Unit: inch



### Remark:

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



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