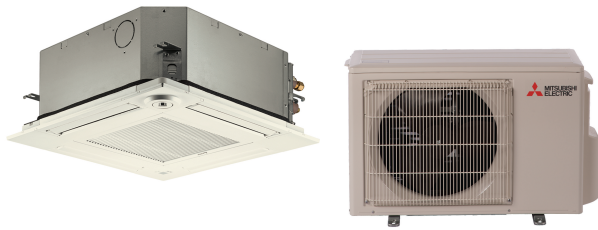


## SUBMITTAL DATA: SLZ-KF09NA & SUZ-KA09NAH2

9,000 BTU/H CEILING-CASSETTE HEAT PUMP SYSTEM

|                     |                                                                                                                |       |
|---------------------|----------------------------------------------------------------------------------------------------------------|-------|
| Job Name:           | Location:                                                                                                      | Date: |
| Purchaser:          | Engineer:                                                                                                      |       |
| Submitted to:       | For <input type="checkbox"/> Reference <input type="checkbox"/> Approval <input type="checkbox"/> Construction |       |
| System Designation: | Schedule No.:                                                                                                  |       |



### ACCESSORIES:

Grille (SLP-18FAEU - Ordered separate) (w/3D i-see sensor) 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)

|                 |                                  |          |                            |
|-----------------|----------------------------------|----------|----------------------------|
| Cooling         | Rated Capacity                   | Btu/h    | 9000                       |
|                 | Capacity Range                   | Btu/h    | 3600-9000                  |
|                 | Total input                      | W        | 670                        |
|                 | EER                              |          | 13.4                       |
|                 | Energy Efficiency                | SEER     | 22.4                       |
|                 | Moisture Removal                 | Pints/h  | 1                          |
| Heating at 47°F | Sensible Heat Factor             |          | 0.87                       |
|                 | Rated Capacity                   | Btu/h    | 11000                      |
|                 | Capacity Range                   | Btu/h    | 4010-12000                 |
|                 | Total input                      | W        | 810                        |
|                 | HSPF(Region IV)                  | Btu/h/W  | 12.2(11.5)                 |
|                 | Rated Capacity                   | Btu/h    | 6900                       |
| Heating at 17°F | Rated Total input                | W        | 810(940)                   |
|                 | Maximum Capacity                 | Btu/h    | 6900                       |
|                 | Maximum Total Input              | W        | 810(940)                   |
| Power supply    | Voltage, Phase, Cycle            |          | 208/230V, 1-phase, 60Hz    |
| Voltage         | Indoor - Outdoor S1-S2           |          | AC 208/230V                |
|                 | Indoor - Outdoor S2-S3           |          | DC12-24V                   |
|                 | Indoor - Remote controller       |          | DC12V                      |
| 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    | 8-3/16                     |
|                 | Weight Unit                      | lbs      | 30.6                       |
|                 | Field Drainpipe O.D.             | in       | 1-1/4 [Mechanical lift 33] |
|                 | Refrigerant pipe Gas             | in       | 3/8                        |
|                 | Refrigerant pipe Liquid          | in       | 1/4                        |

|                     |                            |              |                         |
|---------------------|----------------------------|--------------|-------------------------|
| Outdoor unit        | MCA (*)                    | A            | 9                       |
|                     | MOCP (*)                   | A            | 15                      |
|                     | Fan Motor                  | F.L.A.       | 0.5                     |
|                     | Compressor                 | Model(Type)  | DC INVERTER-driven      |
|                     |                            | R.L.A.       | 6.2                     |
|                     |                            | L.R.A.       | 7.7                     |
|                     | Air flow (Cooling/Heating) | CFM          | (1,229/1,172)           |
|                     | Refrigerant Control        |              | Linear Expansion Valve  |
|                     | Defrost Method             |              | Reverse Cycle           |
|                     | SPL (Cooling)              | dB (A)       | 48                      |
|                     | SPL (Heating)              | dB (A)       | 50                      |
|                     | External Finish Color      |              | Munsell No.3Y 7.8/1.1   |
|                     | Dimension                  | W: in        | 31-1/2                  |
|                     |                            | D: in        | 11-1/4                  |
|                     |                            | H: in        | 21-5/8                  |
|                     | Weight                     | lbs          | 81                      |
| Remote Controller   | Type                       |              | Wired Remote Controller |
| Refrigerant         | Type                       |              | R410A                   |
|                     | Charge                     | lbs, oz      | 2.5                     |
|                     | Oil                        | Type(Fl.oz.) | FV50S(9.1)              |
| 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           | -4 - 75                 |

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 |                                      |
|-----------------|-------------------------------|----------------------------------------|--------------------------------|--------------------------------------|
|                 | Maximum                       | D.B. - 35°C (95°F), W.B. 21.7°C (71°F) | Maximum                        | D.B. 46°C (115°F)                    |
| Cooling         | Minimum                       | D.B. 19.4°C (67°F), W.B. 13.9°C (57°F) | Minimum                        | D.B. -10°C (14°F)                    |
|                 | Maximum                       | D.B. 26.7°C (80°F), W.B. 19.4°C (67°F) | Maximum                        | D.B. 24°C (75°F), W.B. 18°C (65°F)   |
| Heating         | Minimum                       | D.B. 21.1°C (70°F), W.B. 15.6°C (60°F) | Minimum                        | D.B. -20°C (-4°F), W.B. -21°C (-5°F) |

Specifications are subject to change without notice

# DIMENSIONS: SLZ-KF09NA & SUZ-KA09NAH2

