

## Multi/Split System Submittal Data

CS-MKE24NKU

Wall Mounted Indoor Unit - Multi System Heat Pump Indoor Unit

Job Name: \_\_\_\_\_  
 Location: \_\_\_\_\_  
 Engineer: \_\_\_\_\_  
 Submitted to: \_\_\_\_\_  
 Submitted by: \_\_\_\_\_  
 Reference: \_\_\_\_\_

Approval: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Construction: \_\_\_\_\_  
 Unit #: \_\_\_\_\_  
 Drawing #: \_\_\_\_\_



### General Data (at 230V)

|                  |        |          |
|------------------|--------|----------|
| Power            | V/P/Hz | 230/1/60 |
| Circuit Ampacity | (A)    | 15       |
| Fuse Size, Max.  | (A)    | 20       |
| Running Amps     | (A)    | .22      |
| Power Input      | (W)    | 45       |

|                                  |                           |
|----------------------------------|---------------------------|
| Indoor Unit                      | Cool/Heat                 |
| Fan type                         | Cross Flow                |
| Dia. & Length (in.) - No. Speeds | D3-11/16 L33-9/32-1       |
| No. Speeds                       | 3 & Auto                  |
| No. Poles                        | (RPM, High) 8 - 1300/1300 |
| No. Motors                       | (W) 1 - 30                |
| CFM                              | (HI) 541/541              |
| Operation Sound Level (dB-A)     | 44/41/38/30 / 43/40/37/30 |

### Performance Data @ ARI Standard Conditions (230V)

|                       |          |        |
|-----------------------|----------|--------|
| Cooling               |          |        |
| Total Capacity        | (BTU/H)  | 24,200 |
| Moisture Removal (HI) | (Pint/H) | 4.89   |

### Heating

|                |         |        |
|----------------|---------|--------|
| Total Capacity | (BTU/H) | 29,000 |
|----------------|---------|--------|

|                       |                                  |
|-----------------------|----------------------------------|
| Coil Type             | Aluminum Plate Fin & Copper Tube |
| Fin Type - Pipe Type  | Slit Plate - Inner Riffled       |
| Rows - F.P.I.         | 2 - 19.5                         |
| Face Area             | (sq.ft.) 3.07                    |
| Tube Size             | (in.) 9/32"                      |
| Drain Connection Size | (in.) 23/32"                     |

### Feature

|                                      |                                          |
|--------------------------------------|------------------------------------------|
| Controls                             | Microprocessor                           |
| Remote Controller                    | LCD Wireless Type, Temp. Sensor Built In |
| Temperature Control                  | IC Thermostat                            |
| Timer                                | 24 Hr. Program, 1 Hr. Off                |
| Night Setback                        | Built-In                                 |
| Air Louver                           | (Horizontal) Manual                      |
|                                      | (Vertical) Automatic                     |
| Power Failure Automatic Restart      | Built-In                                 |
| Heating/Cooling Automatic Changeover | -                                        |
| Self-Diagnosis                       | Built-In                                 |
| Quiet Operation                      | Built-In                                 |
| Air Filter                           | Washable, Anti-Mold                      |
| Ion Generator                        | Equipped                                 |
| Air Clean Apatite Filer              | Standard                                 |

|             |                                  |
|-------------|----------------------------------|
| Refrigerant | R410a                            |
| Line Size   | (in. O.D. Discharge) 1/4"(Flare) |
| Line Size   | (in. O.D. Discharge) 5/8"(Flare) |

|             |            |                               |
|-------------|------------|-------------------------------|
| Dimensions  | (in.)      | H x W x D                     |
| Indoor Unit | (Uncrated) | 11-23/32 x 41-15/16 x 8-19/32 |
|             | (Crated)   | 11-3/8 x 44-7/8 x 14-29/32    |

|              |             |
|--------------|-------------|
| Weight       | Indoor      |
| Net Shipping | (lbs.) 26.5 |
|              | (lbs.) 33.1 |

|                 |          |             |
|-----------------|----------|-------------|
| Shipping Volume | (cu.ft.) | Indoor 4.23 |
|-----------------|----------|-------------|

# ➡➡➡ Dimensions

|                                 |  |           |
|---------------------------------|--|-----------|
| Option                          |  |           |
| Refrigerant Line Set            |  | Available |
| Fresh Air Intake                |  | N/A       |
| Air duct Extension              |  | N/A       |
| Indoor Frame Extension          |  | N/A       |
| Condensate Drain Pump           |  | Available |
| Non-Removeable Remo-con Bracket |  | Available |

## Operating Range

|             |         | Indoor Air Intake Temp. | Outdoor Air Intake Temp. |
|-------------|---------|-------------------------|--------------------------|
| Cooling     | Maximum | 95F DB/71F WB           | 115F DB                  |
| (CMH Model) | Minimum | 67F DB/57F WB           | 67F DB                   |
| Heating     | Maximum | 80F DB/67F WB           | 75F DB/65F WB            |
| (CMH Model) | Minimum | -DB/-WB                 | 0 DB                     |

