

Job Name:

System Reference:

Date:

**MRCH2**



## MRCH2 REMOTE CONTROLLER SPECIFICATIONS

- Touch panel, Backlit, easy-to-read display
- Used RedLINK™ 3.0 wireless technology
  - Not compatible with MHK1, MOS1, and MCCH1 RedLINK 2.0 wireless technology environment.
- User functions allow user to set:
  - On/Off
  - Operation modes cool, heat, drying, fan
  - Set temperature (separate dual set points for heat and cool)
  - Fan speed setting
  - Airflow direction
- Set temperature range limits (dependent on the system connected):
  - Cooling from 50° to 99° F
  - Heating from 40° to 90° F
  - Auto from 50° to 90° F with dual temperature setting
- MHK2 Scheduling options:
  - No Schedule
  - MO-SU = Every day the same
  - MO-FR, SA, SU = 5-1-1 schedule
  - MO-FR, SA-SU = 5-2 schedule
  - Each Day = Every day individual
  - Allow kumo cloud to be schedule holder
- Hold function
- Temporary or Permanent schedule override
- Lockout:
  - On
  - Off
  - Mode
  - Fan Speed
  - Set point
  - Vane Direction
- Day/Time display with a 12 or 24-hour clock
- Supports both Fahrenheit and Celsius
- RedLINK™ Wireless Connection Status
- Filter sign display
- Diagnostics: Displays and records error codes
- Adjustable auto mode deadband

- Space temperature offset adjustment
- Space humidity offset adjustment
- Hide (on screen only)
  - Indoor temperature
  - Indoor humidity
- Temperature Sensing Source
  - MHK2
  - Indoor Unit
  - RedLINK Wireless Indoor Air Sensor (IAS)
  - Average of MHK2 and RedLINK Wireless Indoor Air Sensor (IAS)
- Indoor Humidity Source
  - MHK2
  - RedLINK Wireless Indoor Air Sensor (IAS)
  - Average of MHK2 and RedLINK Wireless Indoor Air Sensor (IAS)
- Improved indoor unit function code list
  - Indoor unit type
  - Expanded to 28 indoor unit codes
- Reset to factory default
- Uses two “AA” alkaline batteries (included)
- Dimensions: 4-5/64” x 4-5/64” x 1-1/16” (104 x 104 x 27 mm)
- Operating Ambient Temperature: 32° to 120° F (0° to 48.9° C)
- Operating Relative Humidity: 5% to 90%

## MIFH2 WIRELESS RECEIVER SPECIFICATIONS:

- Included in MHK2 Kit
- Mounts next to or near indoor units to allow MRCH2 Remote Controller operation
- Connects to indoor unit control board with MRC2 Cable
- Dimensions: 3-3/32” H x 1-3/4” W x 39/64” D (74.8 x 44.4 x 15.4 mm)
- Operating Ambient Temperature: -40° to 165° F (-40° to 73.9° C)
- Operating Relative Humidity: 5% to 95%

## MRC2 CABLE

- Included in MHK2 Kit in the MIFH2 box
- Connects MIFH2 Wireless Receiver to the CN105 connector on indoor unit control board
- Length: 39-23/64" (1 m)

# MODEL: MHK2 kumo touch™



## kumo cloud & MHK2

- kumo cloud and MHK2 can work together on the same indoor unit with the following devices:
  - Wireless Interface 2
    - PAC-USWHS002-WF-2
    - Wireless Interface 2 has an additional CN105 connector on it
  - MHK2 kit
- Compatibility with indoor units:
  - All CITY MULTI®
  - All P-Series
  - All M-series

## Accessories

- Wireless Interface 2 (PAC-USWHS002-WF-2)
- CN105 IT Extender (PAC-WHS01E-E)
- RedLINK 3.0 Wireless Indoor Air Sensor
- Not sold by Mitsubishi Electric Trane HVAC LLC
- Honeywell (C7189R2002-2/U)

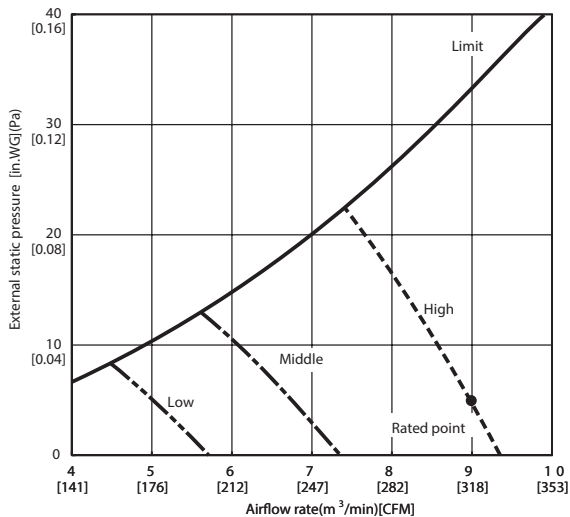




# SEZ-KD09NA4\*\* INDOOR FAN PERFORMANCE AND CORRECTED AIR FLOW CHARTS

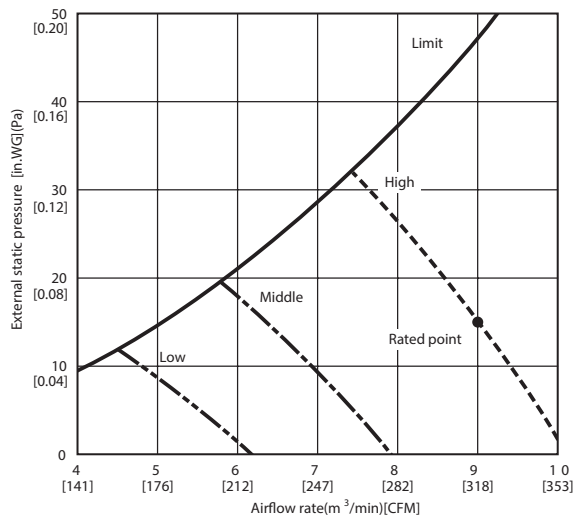
SEZ-KD09NA4\*\*

(External static pressure 0.02[in.WG](5P a) 208/230V 60Hz



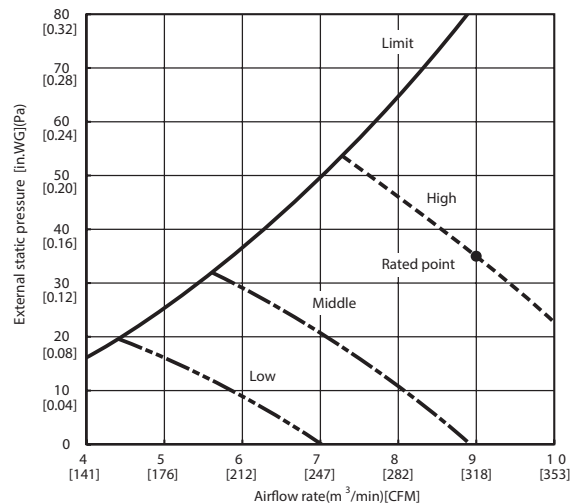
SEZ-KD09NA4\*\*

(External static pressure 0.06[in.WG](15P a) 208/230V 60Hz



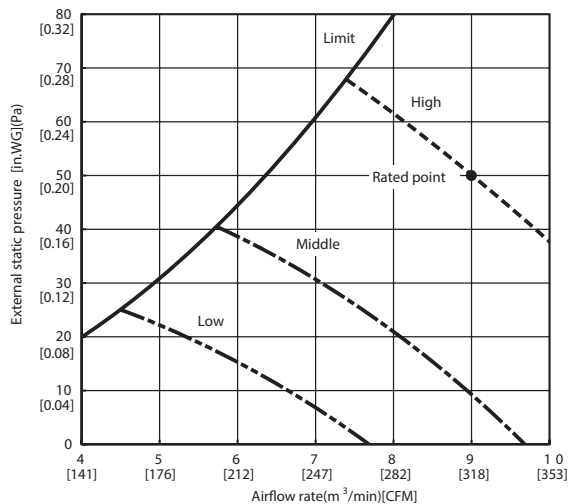
SEZ-KD09NA4\*\*

(External static pressure 0.14[in.WG](35P a) 208/230V 60Hz



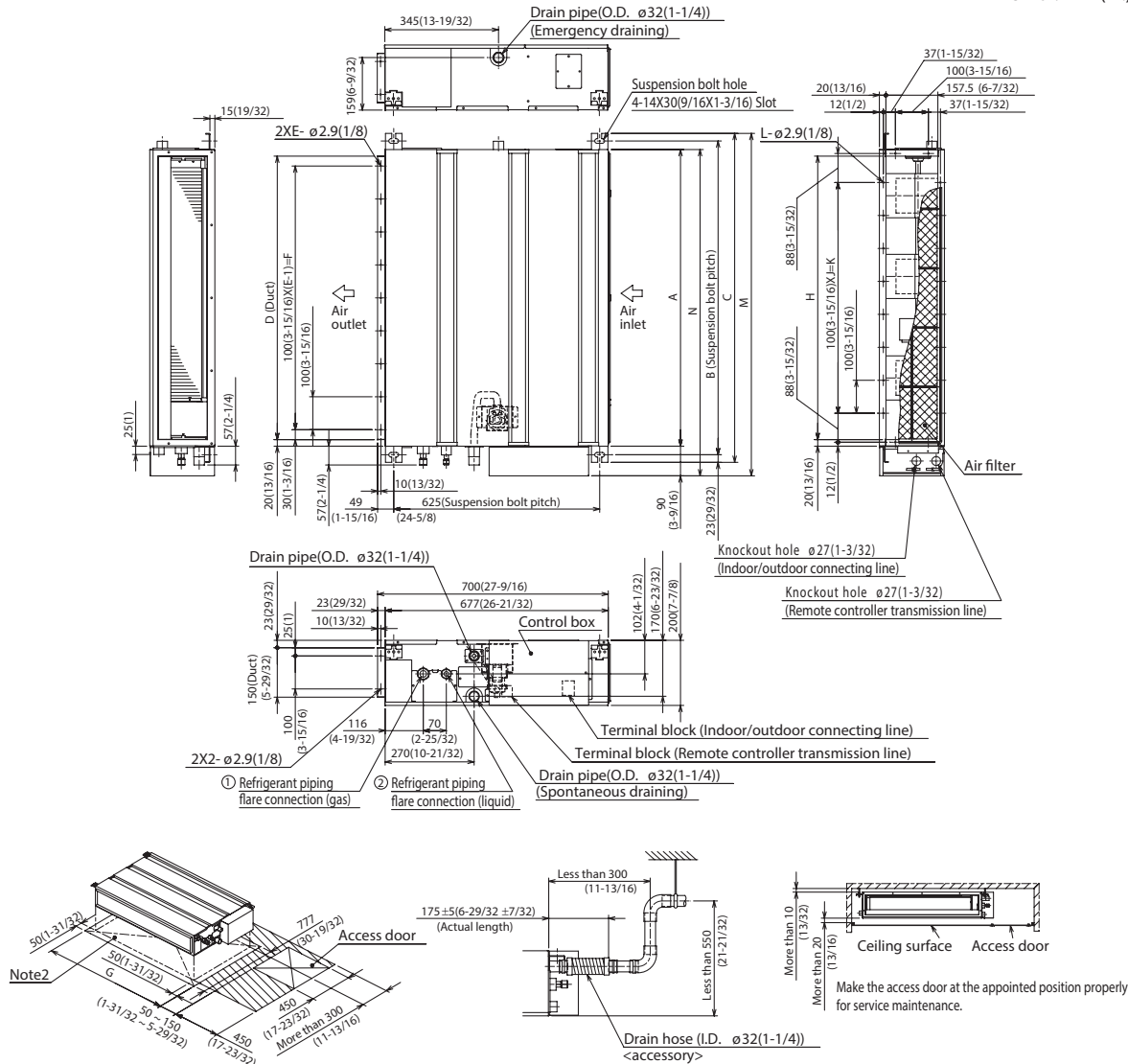
SEZ-KD09NA4\*\*

(External static pressure 0.20[in.WG](50P a) 208/230V 60Hz



# DIMENSIONS: SEZ-KD09NA4\*\*

Unit : mm(in.)



Required space for service and maintenance

| Model         | mm(in.)           |                  |                   |                  |    |                  |                  |                  |   |                   |    |                    |                  |                  | mm(in.)          |  |
|---------------|-------------------|------------------|-------------------|------------------|----|------------------|------------------|------------------|---|-------------------|----|--------------------|------------------|------------------|------------------|--|
|               | A                 | B                | C                 | D                | E  | F                | G                | H                | J | K                 | L  | M                  | N                | ① Gas pipe       | ② Liquid pipe    |  |
| SEZ-KD09NA4** | 700<br>(27-9/16)  | 752<br>(29-5/8)  | 798<br>(31-7/16)  | 660<br>(26)      | 7  | 600<br>(23-5/8)  | 800<br>(31-1/2)  | 660<br>(26)      | 5 | 500<br>(19-11/16) | 16 | 839<br>(33-1/16)   | 790<br>(31-1/8)  | $\phi$ 9.52(3/8) | $\phi$ 6.35(1/4) |  |
| SEZ-KD12NA4** | 900<br>(35-7/16)  | 952<br>(37-1/2)  | 998<br>(39-5/16)  | 860<br>(33-7/8)  | 9  | 800<br>(31-1/2)  | 1000<br>(39-3/8) | 860<br>(33-7/8)  | 7 | 700<br>(27-9/16)  | 20 | 1039<br>(40-29/32) | 990<br>(39)      | $\phi$ 12.7(1/2) | $\phi$ 6.35(1/4) |  |
| SEZ-KD15NA4** | 1100<br>(43-5/16) | 1152<br>(45-3/8) | 1198<br>(47-3/16) | 1060<br>(41-3/4) | 11 | 1000<br>(39-3/8) | 1200<br>(47-1/4) | 1060<br>(41-3/4) | 9 | 900<br>(35-7/16)  | 24 | 1239<br>(48-25/32) | 1190<br>(46-7/8) | $\phi$ 12.7(1/2) | $\phi$ 6.35(1/4) |  |

- Note1. Use M10 screw for the suspension bolt (field supply).  
 2. Keep the service space for the maintenance at the bottom.  
 3. This chart indicates for SEZ-KD15NA4\*\* model, which has 3 fans.  
 SEZ-KD09, 12NA4\*\* models have 2 fans.  
 SEZ-KD18NA4\*\* models have 4 fans.  
 4. In case an inlet duct is used, remove the air filter (supply with the unit), then install the filter (field supply) at suction side.



COOLING & HEATING

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