MHK2 kumo touch™

Job Name:

System Reference: Date:

MRCH2
WIRELESS REDLINK
REMOTE CONTROLLER

REDLINK 3.0
WIRELESS
TECHNOLOGY

MIFH2
WIRELESS
REDLINK
RECEIVER

Sold Separately

300 PM

Hold Until

74   400 PM

Mode   Fan
– Cool   **74**   Auto   +

Vane   Mode   Menu   Fan

MRC2

**A Wireless Interface 2
needs to be purchased
and installed with
each kumo touch in
order to remotely
control and monitor
each indoor unit with
the kumo cloud app**

kumo touch™

PAC-USWHS002-WF-2
Wireless Interface 2

kumo cloud®

MRCH2 WIRELESS REDLINK
REMOTE CONTROLLER SPECIFICATIONS

- Touch panel, Backlit, easy-to-read display
- New RedLINK™ 3.0 wireless technology
  - Not compatible with MHK1, MOS1, MCCH1, or Gateway (Rig) 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)

A Wireless Interface 2 is required in order to use the kumo cloud app – see Install Manual for details.
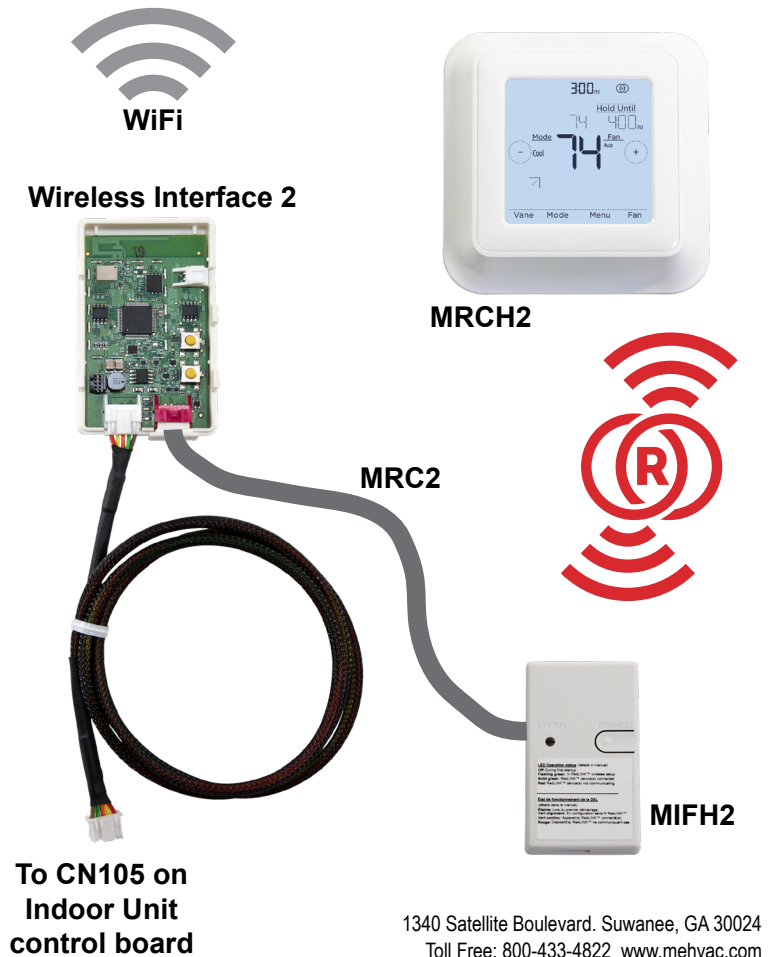
kumo cloud® & MHK2

- 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 current indoor units:
  - All CITY MULTI®
  - All P-Series
  - All M-series

Accessories (Sold Separately)

Wireless Interface 2 (PAC-USWHS002-WF-2)

CN105 IT Extender (PAC-WHS01IE-E)

RedLINK 3.0 Wireless Indoor Air Sensor

- Not sold by Mitsubishi Electric Trane HVAC US LLC
- Honeywell Model number: RCHTSENSOR
- Honeywell Part Number: C7189R2002

WiFi

Wireless Interface 2

MRCH2

MRC2

MIFH2

To CN105 on Indoor Unit control board

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