

It knows
when
you need
comfort
control...
and when
you don't



KMD-1261/1281 NetSensor®
with Temperature, Humidity...
and Motion Sensors



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There's no reason to heat or cool a room when nobody's home. Programmed schedules are fine for most days...except for vacations, sick days, business trips, long meetings, and other disruptions to the routine.

Now you can have room temperature and humidity control linked to occupancy. NetSensor KMD-1261/1281 models are wall-mounted, temperature and motion sensing, programmable operator interfaces for use in a KMC direct digital controls system. The KMD-1281 also includes humidity sensing.

The simple and functional design combined with programmable buttons make these models an ideal choice for installations that require temperature, humidity, motion sensing, and an operator interface in one convenient, attractive unit.

These models provide the following features:

- Detect room occupancy via the built-in passive infrared motion sensor with a range of up to 33 feet (10 meters).
- Available in white or light almond.
- Large, easy to read, backlit LCD display for easy temperature viewing, plus smaller characters for time and relative humidity.
- Two convenient setpoint buttons are instantly accessible. Behind the hinged cover are six additional buttons that may be programmed to control or display the value of an object (such as outside air temperature) in the attached controller.
- Easily accessible data port provides a convenient and quick network connection for computers or other service tools.



Still . . . Made in the U.S.A.

SPECIFICATIONS

Display

Temperature is continuously updated on a 0.38-inch, four-character, liquid crystal display.

Time and relative humidity are simultaneously updated and displayed on a smaller display.

Automatic backlighting starts when any button is pushed and remains on for 10 seconds after the last button is pushed.

Connections and Wiring

Connector type: Six-wire modular jack.

Cable type and maximum length: Cable should be not longer than 75 feet (22.9 meters) and conductors no smaller than #24 AWG (KMC KMD-5690/5691/5692 plenum-rated cable with wired connectors is recommended).

Power: 5 volts DC supplied from the controller.

Programming and Compatibility

Compatible with TotalControl™ 3.0, BACstage™ 2.1, and WinControl® XL Plus 2.1.0.11 (or later) versions.

Compatible with BACnet BAC-5800/7000 series and KMDigital® KMD-5800/7000 series controllers.

Existing factory-supplied Control Basic programs continue to run, and motion detection can be added at any time.

Temperature/Humidity Sensors

KMD-1261 Temperature: Thermistor with accuracy of +/- 0.36° F (0.2° C) and operating range of 48–96° F (8.8–35.5° C).

KMD-1281 Temperature: CMOS with accuracy +/- 0.9° F offset (0.5° C) from 40–104° F (4.4–40° C) and operating range of 36–120° F (2.2–48.8° C).

KMD-1281 Humidity: CMOS with accuracy @ 25° C of +/- 2% RH (10–90% RH) and a range of 0–100% RH.

Size and Mounting

Dimensions: 3.25 x 5.16 x 1.07" (83 x 131 x 27 mm).

Mounting: Backplate mounts to a standard 2 x 4 inch vertical handy-box and other mounting accessories are available.