KMC CONTROLS

Description

The KMD–1162 NetSensor is a wall-mounted, temperature programmable operator interface for use in a KMC direct digital controls system. The NetSensor includes intuitive-to-use setpoint buttons, and two mode switches. The KMD–1162 communicates directly with the connected controller via a local access port.

The simplicity of this design combined with its programmable functions allows for a wide variation of key assignments.

Features

The KMD–1162 NetSensor provides the following user features:

◆ Large, LCD display with backlighting for easy viewing

◆ Intuitive to use setpoint buttons.

◆ Slide switches for heating/cooling change over and fan speed.

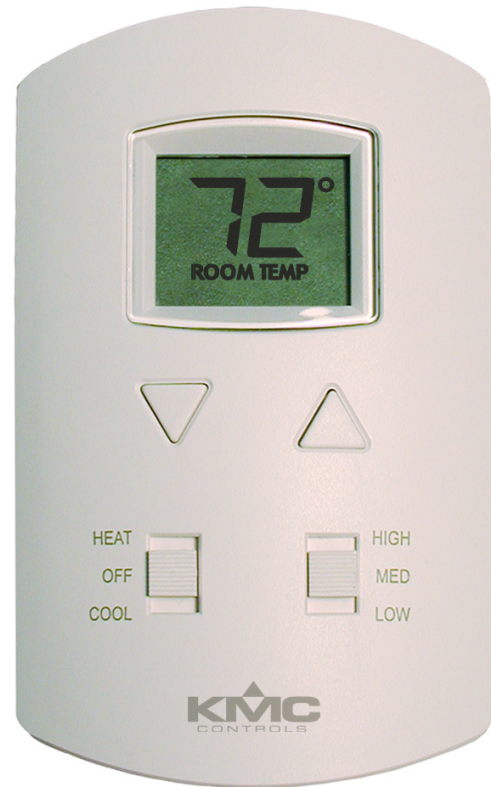◆ PC port provides simple connection to service tool or PC.

Applications

The KMD–1162 NetSensor is compatible with the following controllers:

◆ BAC–5800 series BACnet controllers

◆ BAC–7000 series BACnet controllers

◆ KMD–5800 series controllers

◆ KMD–7000 series controllers

Models

KMD–1162-10	Almond
KMD–1162W10	White

Accessories

The following accessories and spares are available:

HMO-1161	4 x 4 inch mounting backplate, Almond
HMO-1161W	4 x 4 inch Mounting backplate, White
HPO-0044	Replacement allen screws
KMD-5624	PC cable
KMD-5690	25 foot plenum cable with connector
KMD-5691	50 foot plenum cable with connector
KMD-5692	75 foot plenum cable with connector
HPO-1161	Gasket

RJ–12 Connector
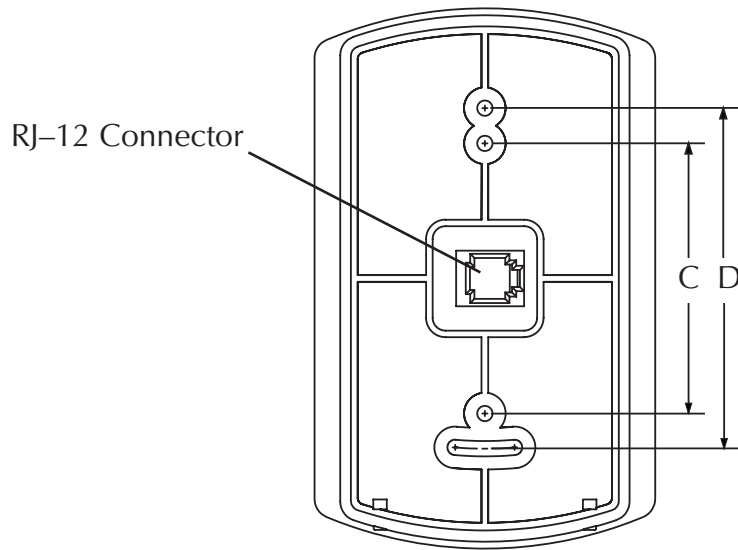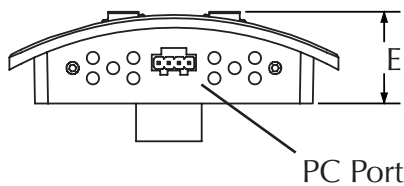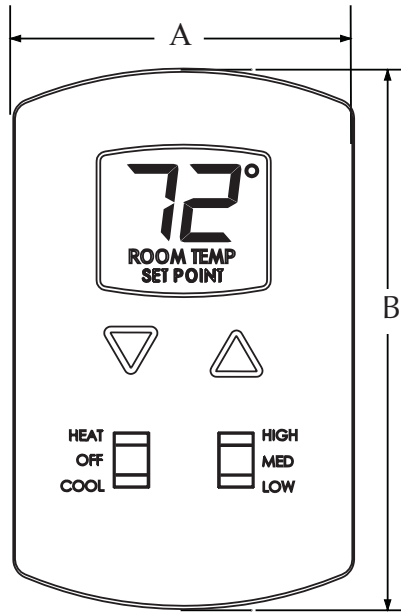
A	B	C	D	E
3.25 in.	5.16 in.	2.58 in.	3.25 in.	0.87 in.
83 mm	116 mm	66 mm	83 mm	22 mm

PC Port

Display

Temperature continuously updated on 0.56 inch, two-character, liquid crystal display. Automatic backlight.

Power

5 volts DC supplied from controller

Temperature Sensor

Type	10,000Ω thermistor
Accuracy	±2° F (±1.1° C)
Operating Range	47 to 97° F (8 to 36° C)

Connections

Connector type	Six-wire RJ–12 to the connected controller.
Cable length	Connect with cable not longer than 75 feet (22.9 meters) and conductors no smaller than #24 AWG.
Cable type	Plenum rated cable is recommended.

Mounting

Backplate mounts to 2 x 4 inch vertical standard handy-box. NetSensor secured by two concealed Allen screws.

Weight

2.8 ounces (80 grams)

Material

Light almond or white ABS, UL Flame Class 94HB

Environmental Limits

Operating	34 to 125° F (1.1 to 51.6° C)
Humidity	0-95% RH, non-condensing
Shipping	–40 to 140° F (–40 to 60° C)

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