

TUC03 Plus Terminal Unit Controller

Configurable Field Controllers

The TUC03 Plus configurable Terminal Unit Controller is specifically designed to provide an improved BACnet® integration.

It allows the direct digital control of terminal unit applications with heating and/or cooling coils, an electric heater and a three-speed or variable speed fan. These applications include close control units, fan coil units, unit ventilators and chilling or heating ceiling beam installations.

The device can be configured by the installer, without the need of a PC and software tool, using a set of on-board dip-switches.

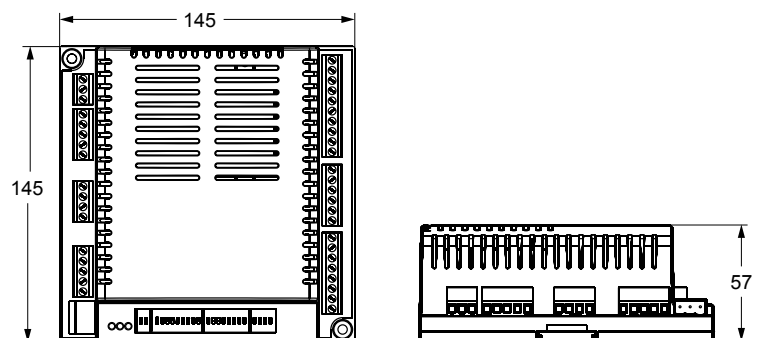
The controller is designed for field installation in a panel or enclosure or for mounting by original equipment manufacturers (OEMs) on DIN-rail or directly on a surface.

The space comfort set point, occupancy mode and fan speed may be adjusted from a wide range of room sensor modules with options for a digital display. The MS/TP field bus is available to enable the controller to be integrated into a BACnet network of a building automation system.



Features

- **Improved Performances** – TUC03 Plus BACnet Change-of-Value and Segmentation features improve the overall system communication performances allowing to reduce the number of components required to manage the whole network and therefore saving on the total installed costs.
- **Enhanced User Experience** – TUC03 Plus BACnet State Text features enable a quicker, simpler but enhanced user experience lowering engineers effort during integrations then reducing the engineering costs.
- **Dedicated Room Module** – TUC03 Plus features a new and unique room module with touch screen interface on both white and black colors widening the offering of room user interfaces.



Dimensions in mm

RS-7000 Electric Room Sensor

Analog Sensors

The Flush Mount RS-7000 Analog Sensors Series with LCD is an electronic room command module designed to work with Johnson Controls® controllers in heating, ventilating and air conditioning (HVAC) systems. Models in this series monitor the zone temperature and humidity, and transmit data to a field controller using up to three analog outputs.

RS-7060-0000 can toggle between Temperature and RH on the display, depending on desired default display.

The temperature only model RS-7080-0002 includes Fan mode push button to set the desired fan speed (OFF-LOW-MED-HIGH-AUTO).

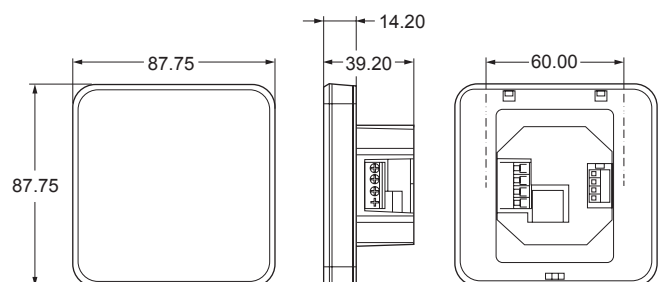
Both models with display have occupancy button, which allows user to select when the zone is occupied, to set the comfort mode only when is necessary.

The model without display RS-7040-0000 provides a combined measurement of the zone temperature and humidity.

Installation is quite easy, given the possibility to configure the Setpoint Mode and temperature limits during installation.

Features

- Temperature sensor with combined humidity for best comfort - RS-7000 range offers fan speed control or combined humidity sensor for best comfort.
- Configurable options reduce stock need - the setpoint mode adjust or warmer/cooler can be configured during the installation.
- Large backlit display in a low profile enclosure - provides a modern looking and clear user interface.
- Customizable display helps to meet building policy - RS-7000 can show actual values or setpoint only.
- Keypad lockable in public space - the RS-7000 sensor buttons can be locked against misuse in public space.
- Flush mount installation - suitable for various installation boxes, offers low profile enclosure.



Dimensions in mm