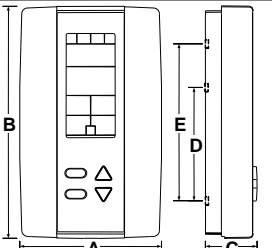



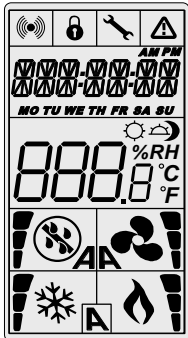










Features

- Used to configure and operate the INCTR14VAV controllers
- Selectable internal or external temperature sensor (10 KΩ)
- Large LCD with backlight
- Icon-driven information and 1 line of text information
- Three wire connection between thermostat and controller
- Selectable Fahrenheit or Celsius scale
- Network service port via on-board mini USB connector

INTRM24VAV

Description	INTRM24VAV
Temperature Sensor	
Setpoint range	10°C to 40°C [50°F to 104°F]
Control accuracy	Temperature: ±0.4°C [0.8°F]
Display resolution	±0.1°C [0.2°F]
Electrical connection	Three wires to INCTR14VAV controller and two wires to BACnet/Modbus network 0.8 mm ² [18 AWG] minimum
Network service port	Mini USB connector
Power supply	24Vac or 24Vdc
Power consumption	1VA
Operating temperature	0°C to 50°C [32°F to 122°F]
Storage temperature	-30°C to 50°C [-22°F to 122°F]
Relative humidity	5 to 95 % non-condensing
Enclosure protection	IP 30 (EN 60529)
Weight	120 g. [0.25 lb]
Dimensions	 <p> A = 2.85" 73mm B = 4.85" 123mm C = 1.00" 24mm D = 2.36" 60mm E = 3.27" 83mm </p>
Certifications	Conforms to UL STD 873 Certified to CSA STD C22.2 No. 24-93 
Note	The thermostat functions only with the INCTR14VAV series VAV controller. All the inputs/outputs are located on the controller except for the temperature sensor built-in the thermostat.

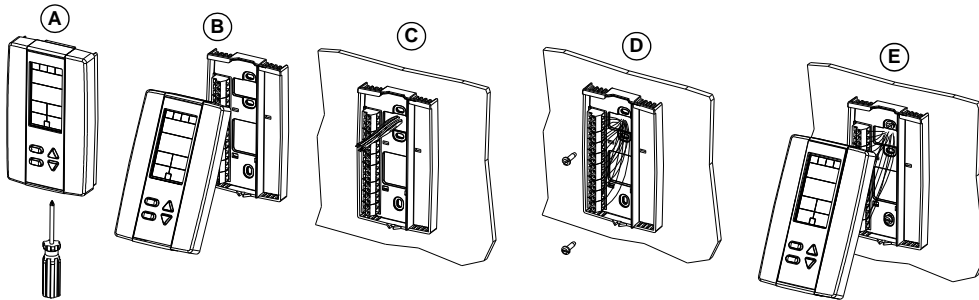
Interface

	 Cooling ON A: Automatic	 Communication Status	 Alarm status
	 Heating ON A: Automatic	 Menu Locked	 Energy saving mode (NSB or Occupancy)
	 Fan ON A: Automatic	 Programming mode (Technician setting)	 %RH Percentage of humidity
		 °C or °F °C: Celsius scale °F: Fahrenheit scale	

Mounting Instructions

CAUTION: Remove power to avoid a risk of malfunction.

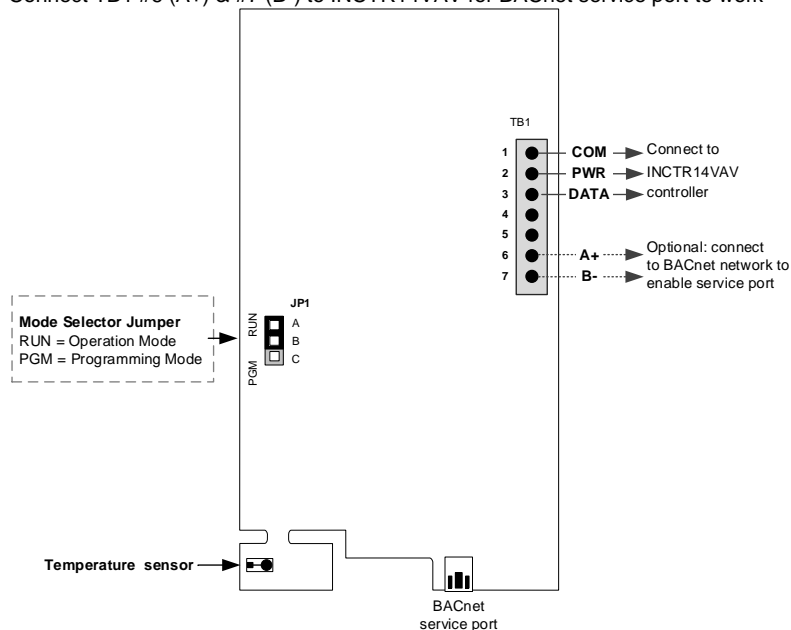
- Remove the captive screw that's holding the base and the front cover of the unit together.
- Lift the front cover of the unit to separate it from the base.
- Pull all wires through the holes in the base.
- Secure the base to the wall using wall anchors and screws (supplied). Make the appropriate connections.
- Mount the control module on the base and secure using the screw.



Settings on PC Board & Connections

3 wire cable (TB1 #1, 2 & 3)

Connect TB1 #6 (A+) & #7 (B-) to INCTR14VAV for BACnet service port to work



Mode Selection (JP1)



RUN:
 Thermostat is in **Operation Mode**.
 Thermostat must be set in this mode to operate properly. If not locked, setpoint and control mode (Heating & Cooling ON, Cooling only ON or Heating only ON) can be modified by the end user.



PGM:
 Thermostat is set in **Programming Mode**.
 Refer to the following section about all settings description