

# Digital zone sensor programming for Terminal Products

This is intended for Fan Coil/Force Flo, Blower Coil, and Unit Vent product lines. FCXB, FFXB, BCXD, VUVE, HUVC

There is an option for a digital zone sensor that will work with a ZN or a UC400 controller. These zone sensors are used across many product lines within Trane, and have multiple configurations. It is critical that the digital zone sensor is configured properly to ensure correct operation. There is a config button located on the back of the zone sensor.



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Press the config button for 4 seconds to get into an edit mode. You should see a screen similar like this:



Press the center button to begin going through the configuration. You should see a choice to change from Fahrenheit or Celsius.

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Use the left or right buttons to change the value in the parameter.

Use the down arrow or center button to confirm selection and move to the next parameter.

Once you have selected the temperature scale and range, press the down arrow button.

The single set point option is the next to be selected. It will be a thermometer with a single arrow pointing at it.  
See below.



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Press the down arrow to move to next parameter. This next box or parameter should be blank. If you see a flame, snowflake, OFF, or power button symbol, this is **NOT** correct. Press the right arrow button till this box is blank. See below



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press the down arrow to move to the next parameter. For these product lines mentioned above, you should see "AUTO", "a clear fan", and "three black curvy arrows". Use the left or right arrow buttons to make it look like screen below. This represents Auto/Off/Low/Med/High settings.

**Note: for units with ECM fans, set for Auto/Off only which will show the word Auto, Empty Fan Blades and Empty Air Streams**

**The Screen shot below is the setting for Auto/Off/Low/Med/High which can be used on non-ECM, 3 speed fan units.**



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Press the down button to move to next parameter.

Now press the "Config" button on back of zone sensor for 4 seconds to resume normal operation.

### **Notes:**

The IOM for wired sensors is BAS-SVX10. The IOM for V1 wireless sensors (three rotary dials) is BAS-SVX04. The IOM for Air-Fi sensors is BAS-SVX40. See e-library for latest revisions.

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