CertiTrack Probe & Thermobuffer Quick Install Guide

Supplied mounting parts

(4) Zip ties

(4) Cable Tie Mounts

(4) HEYClip™ Tension Wire Clips with adhesive back-mount

(Not supplied: side cutters, sand paper)

Mounting recommendations

The mounting location impacts reading accuracy, it's recommended to follow the recommendations below.

- Mount in a location where temperature fluctuation is minimal. Commonly the temperature inside a refrigeration or freezer unit is not uniform. The cold air enters the unit from one location only and is measure by the thermostat at one location only, a temperature gradient is sure to exist.
- Mount in the center of the unit for optimal readings; maintain a 3 inch to 6 inch distance between the refrigeration unit contents and thermobuffer bottle to avoid creating a cold sync.
- Mount in a location that is not in the direct path of a cooling fan.
- The Probe/thermobuffer cannot to be moved inside the unit to ensure consistent readings
- For non-conductive wire shelving, mount and secure the probe/thermobuffer to underside of a shelf located in the center-rear of the unit.
- Secure probe cable at every 6 inches of cable run and at all turns.

How to assemble thermobuffer bottle - food grade glycol with probe

1. Fill the thermobuffer bottle with food grade glycol until the bottle is 3/4 full, allowing room for fluid expansion.
2. Insert the sensor probe through the bottle cap grommet with the probe fully submersed in the glycol fluid.
3. Tighten the thermobuffer bottle cap with a wrench to secure the probe.

How to mount a sensor probe/thermobuffer

1. Mount the thermobuffer/probe in the center of the unit with the probe cable facing toward the back of the unit; do not place next to or near a cooling fan or element.
2. Secure thermobuffer/probe to unit's shelving to prevent the risk of accidentally pulling out a cable or moving the probe/thermobuffer from its fixed mounting position. If using a thermobuffer, zip tie the probe and bottle to a mounting base. Avoid placing the thermobuffer in direct contact with the side of the unit.

Wire shelving - secure to the underside of the shelf using a Zip Tie.

Solid shelving - secure to shelf using the supplied Dual Lock Fastener & Tape.

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3. Route the probe cable to the back of the shelf and along the door hinge side of the unit.
4. Route cable through the door hinge gap or existing hole.
5. Insert probe into the sensor device.

A specific procedure is required to ensure OneVue is updated with the CertiTrak probe's serial number. The white tag affixed to the probe cable identifies its unique serial number.

When installing a temperature sensor with a CertiTrak Probe	When replacing a CertiTrak Probe
Wait for **Err** to display on the sensor's LCD screen.	Remove the existing probe from sensor jack and wait for **Err** to display on the sensor's LCD screen.
Proceed by completing the steps below. 1. Insert the new CertiTrak probe into sensor jack. 2. Press and release the sensor **Check-In button** . Sends the new probe serial number update to OneVue. 3. From OneVue, view the Sensor Profile to verify the Serial Number. Go to Devices > Sensors : select sensor > verify the Probe Serial Number is the same number as the white tag on new CertiTrak probe. 4. Press and release the sensor **Alarm Silence button** . Clears the Err state and resets the Lo/Hi Collection Period. 5. From the LCD screen verify the readings are displaying (Lo, Hi, and Cur).	

6. Secure the cable along its mounting path. Using the supplied Zip Ties and the Cable Tie Mounts or Tension Wire Clips, secure the probe cable every 6 inches along its mounting path and at all turns.
7. Neatly tuck the cable along the sides using the mounting bases leading through the door gap or an existing hole designed for remote temperature sensor probe installation.

If the door gap method is used for installation, secure the probe cable with adhesive foam tape where the cable passes through the door gap to protect it from excessive rubbing or getting caught in the door hinge. Be sure the cable is flat and the door seal is tight.

8. Secure the AC-power cable and probe cable to the outside of the unit using the supplied Cable Tie Mounts or Tension Wire Clips.
9. Once all cables are in their desired location, tighten and trim all zip ties. If needed, use sandpaper to eliminate sharp edges.