

CALIBRATION INSTRUCTIONS FOR DIAL COMPOST THERMOMETERS

THESE INSTRUCTIONS APPLY TO

REOTEMP Compost thermometers, models A??FR (A24FR, A36FR, etc.), and A??PF (A36PF, A60PF, etc.)

WHAT CAN CAUSE A REOTEMP THERMOMETER TO GO OUT OF CALIBRATION?

- Dropping the thermometer on a hard surface, or any other severe shock
- Inadvertent turning of the calibration screw on the back of the case
- Years of use may result in a slight drift of the sensor

CALIBRATION INSTRUCTIONS

Reference Bath: You will need a bath of water of a known temperature, typically an ice bath.

- The ice bath should be mostly ice, with just enough water to fill the spaces.
- The reference bath should be at least 4 inches deep (6 or more inches is better.)
- The bath should be agitated (stirred) just before or during calibration.

Immersion: The thermometer should be immersed at least 4 inches into the bath, as the sensitive portion of the thermometer is in the last 2-3 inches of the stem.

Calibration: Leave the thermometer in the bath for at least a minute, to make sure temperatures have stabilized. Then turn the small (1/4") hex screw head on the back of the dial case of the Thermometer until the pointer is at 32°F (0°C). You can use a flat screwdriver, or a small coin, or pliers to rotate the screw head.

Congratulations, your thermometer has been re-calibrated!

If your thermometer will not recalibrate, it may need factory repair. (If the stem is bent, it cannot be repaired, and must be replaced). Contact us at 858-225-1889 or email compost@reotemp.com to discuss repair/replacement options.