



calgary health region

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HOW TO CALIBRATE YOUR THERMOMETER

How can you verify that your probe thermometers are reading accurately? There are two ways to test if thermometers are reading correctly: ice bath and the boiling method.

ICE BATH METHOD:

Immerse the temperature probe at least two inches into a glass of finely crushed ice. Add cold water to remove air pockets. Wait at least one (1) minute. The gauge should read 0°C (32°F). If not, adjust accordingly.

BOILING METHOD:

Submerge the probe into boiling water. For bimetallics, wait until the needle stops moving, then adjust the calibration nut to 100°C (212°F).

****NOTE:** At higher altitudes, the boiling point is lower. For all premises inspected by the Calgary Health Region, the boiling point of water is approximately 95°C ******