

How To Calibrate

YOUR HVAC THERMOSTAT

Thermostats serve as the brain of your HVAC system, regulating the temperature of your home, so it is critical that they are properly calibrated. If the thermostat isn't adjusted, it won't be able to accurately read your home's temperature, and your HVAC unit will be unable to reach the desired temperature. This not only makes your home uncomfortable, but it also raises your energy bills.

Here are some pointers for calibrating a thermostat, whether programmable or mechanical.



PREPARE YOUR THERMOSTAT

A calibration checkup involves comparing the thermostat reading to the temperature in your room. You must compute the difference between the two readings for this procedure. When you're ready to calibrate the thermostat, refer to your programmable thermostat's manual to learn how to enter the calibration mode. For mechanical thermostats, make sure there is no direct sunlight hitting it.



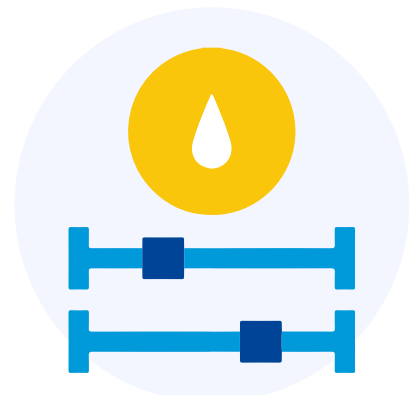
MAKE ADJUSTMENTS

Once in calibration mode, use the arrow keys to adjust the temperature. You can increase or decrease the number to match the calculations you made. After adjusting the thermostat, use the 'back' or 'exit' buttons to exit the calibration mode.



CALIBRATING YOUR MECHANICAL THERMOSTAT

Mechanical thermostats are classified into two types: those with a calibration screw and those with a mercury switch. Screw-type thermostats are adjusted by rotating a small screw located on an inside coil. To function properly, mercury thermostats have a mercury vial that must be leveled. It is critical to identify the exact type of thermostat you have because each one has a unique calibration procedure. If you are unsure, consult your manual for assistance.



RECHECK CALIBRATION

Allow your HVAC unit to run for 2 to 3 hours before rechecking the readings. Then, repeat the process where you calculated the difference between the thermometer and thermostat readings. If the difference is small, that's great; if not, keep adjusting the thermostat until you get the desired results.



If multiple calibration attempts do not resolve the problem, you should consider contacting a professional. You won't have to go through the trial-and-error stage with an expert HVAC service, and your problem will be diagnosed and resolved quickly.

Call or visit Comfort Now to get reliable HVAC thermostat calibration assistance in Porterville, CA.

 559-354-2181

 www.comfort-now.com