

## How To Measure Indoor Home Temperature

We have certain feelings about cheaply manufactured equipment, and now is a good time to expose them. How difficult, for example, would it be for a manufacturer of air conditioners to install a temperature control graduated in Fahrenheit degrees rather than one with dots, dashes, letters, numbers, or other confusing symbols? In point of fact, a great many heating and cooling units come equipped with these abstractly graduated thermostats. And if you want a specific temperature setting, it is necessary for you to buy a thermometer and then go through the following rigmarole.

### Utensils

Hammer  
Awl  
Medium flat blade screwdriver  
Marking pen

### Ingredients

1/2-inch #4 sheet metal screw  
Fahrenheit wall thermometer

### Approximate Time: (Do Be Done Over Several Days)

1. Punch a small hole with hammer and awl 5 feet from the floor on an interior wall of house or apartment (Fig. 70A).
2. Line up screw hole on thermometer plate with hole.
3. Insert sheet metal screw and drive into hole in clockwise direction.
4. Now set thermostat at middle marking (it could be a dot or a number or a letter). This will activate the heating or cooling unit. After some time the unit will either shut down or, in the case of a window air conditioner, the compressor will deactivate itself. This you will hear.
5. When this occurs, take a thermometer reading and mark down that temperature beside the middle marking of the thermostat (Fig. 70B).
6. If it is an air conditioner you are running, and the room temperature is too high, reset thermostat at next highest graduation mark; if a heating unit, and the room is too warm, reset thermostat to next lowest graduation mark.
7. Wait an hour and read thermometer again.
8. Write in temperature beside new thermostat setting.

9. Repeat until you have established temperatures for each of the settings.

10. Now turn to preceding recipe (Recipe 69 on Thermostat Reading) for procedure on finding comfort range.

Note: It would be advisable, when writing in temperature readings, to mark those in the comfort range with a different color ink. Or perhaps you can mark those settings with a heavier hand.

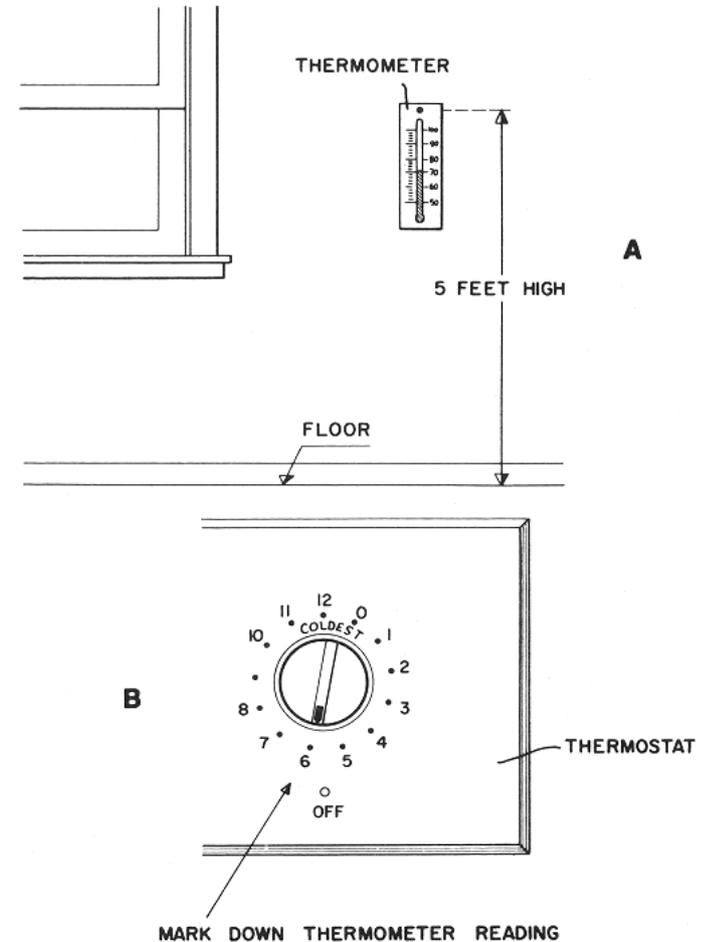


Figure 70.  
Measuring Indoor Home Temperature