

Jonathon Knowles

CLOCK CO.

Instructions for Barometer, Hygrometer and Thermometer

Precise Aneroid Barometer

Your barometer must be adjusted to the altitude where you live. It should be set to the nearest municipal barometer or meteorological station. Adjustment is obtained by turning the screw set at the back of the instrument to the right (see the following sketch) until it makes the master. Please use a small screw driver or a knife blade to turn the screw.

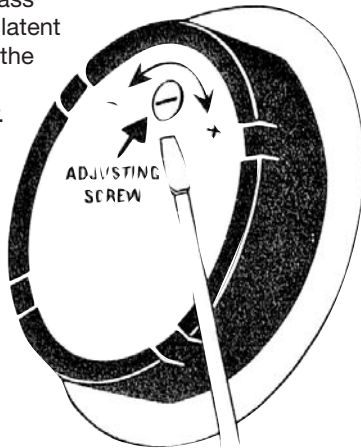
The readings RAIN, CHANGE, FAIR are only traditional zones on the barometer dial. The hand on the barometer will rarely reach the extreme readings RAIN or FAIR.

The normal operating range of movement for the barometer hand is from 29.5 (73.75mm) to 30.5 inches (76.25mm) of mercury (1000-1025 MB/HPA).

Only during a hurricane or tornado will the hand go beyond these extreme readings. The barometer-hand will indicate the changes in atmospheric pressure.

Tap the barometer-glass lightly to release any latent action: if it moves to the right, it means a change for the better. If it move to the left, it means a change for the worse.

Adjust the index directly over the indicating hand and so you can easily see the change in pressure-variations.



Hygrometer

The hygrometer indicates the relative humidity of the atmosphere where it is placed.

The humidity can considerably vary from one place to another, A pleasant atmosphere is ensured with a relative humidity rate from 40 to 70%.

When the function seems defective, you can check by putting the instrument on a wet cloth for 30 minutes. After these 30 minutes, the hygrometer should indicate a 95% reading

If it does not, you have to adjust the hand to reach the 95% humidity by turning the regulation set at the back of the instrument when pushing the brass or plastic support. (Please see our sketch).

ATTENTION: Don't contact the hairspring.

Thermometer

The bi-metallic thermometer will rarely need to be adjusted.

The regulation, if needed, must be made by turning the screw at the back of the instrument, (please see our sketch).

