

Operating Instructions of Aneroid Barometer

Operating Instructions:

This quality aneroid barometer reads in units of mm Hg or hPa (hectopascal). It is designed to be hung on the wall using a small nail. You can also mount it on thin wooden plaque using the clear plastic retaining ring.

Before using your barometer you will need to calibrate it by following these instructions.

1. Contact your local weather service or www.weather.com to find the current barometric pressure reading for your area. Convert the units to mmHg or hPa.
2. Use a small screwdriver to turn the brass screw located in the center on the back of the barometer. Rotate the screw until the black needle reads correctly. Rotating the screw counterclockwise increases the barometer reading and rotating the screw clockwise reduces the barometer reading.
3. Note that this adjustment takes some patience as the barometer is a sensitive instrument. For best results, tap the face of the barometer lightly with your finger as you rotate the screw.
4. Monitor the pressure for 3-4 days and continue to make very slight adjustments to the barometer if necessary over this period.

Specification:

Ambient Temperature: -4 to 120°F

-20 to 50°C

Measuring Range	Measuring precision	
960 – 1060 hPa	960-990 hPa & 1030-1060hPa	990-1030 hPa
	+/- 10 hPa	+/- 5 hPa

To Convert:

Inches Hg to mm Hg multiply by 25.4

Inches Hg to hPa multiply by 33.85

mm Hg to inches Hg multiply by 0.0394

hPa to inches Hg multiply by 0.0295