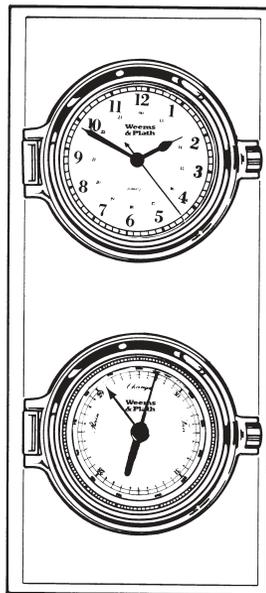


#210800

Weems & Plath® The Cutter Set



Weems & Plath®

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Barometer Instructions

A barometer is an instrument used to **predict** a change in weather by measuring variations in atmospheric pressure, or the weight of the air around us. The barometer will normally indicate changes in weather 12 to 24 hours in advance. It is not an indicator of present weather conditions.

Your barometer is an aneroid type which measures atmospheric pressures mechanically without use of liquids. An evacuated hollow metallic diaphragm is employed to actuate a pointer indicating atmospheric pressure.

Your barometer can be mounted indoors as the pressure will be the same as outdoors. Don't take any notice of the words Rain, Change, Fair. They are there only as a traditional graphic decoration. At sea level the normal atmospheric pressure is about 30 inches, very rarely will the needle ever exceed 30.5 or drop below 29.5. Sometimes it is possible for the pressure to only change one or two tenths of one inch over a week or so, even a storm may only make a half inch change.

When your barometer left the factory, it was set at standard sea level. It is necessary for you to adjust it to the atmospheric pressure in your geographic area by means of the small screw found on the back of the movement. This pressure will decrease as your altitude increases. To access the screw, unscrew latch and flip bezel open to expose the back of movement.

Contact your local weather bureau for present atmospheric pressure and adjust your barometer accordingly. For every 100 feet in altitude an adjustment of 0.11 inch is required (1000 ft. = 1.1 inch).

The moveable pointer at the center of the glass cover should be set to the present atmospheric pressure. This will allow you to return to the barometer after some time has passed, and determine if the atmospheric pressure is on the "Rise" or "Fall".

To Install Clock Battery & Set Time

- 1) Unscrew latch and flip bezel open to expose the back of movement and battery compartment.
- 2) Insert an alkaline battery, following the diagram on the battery housing to make certain the battery is not put in backwards. Use only alkaline batteries as they have longer life and are less prone to leakage.*
- 3) To set the time, advance the hour and minute hands by turning the knob on the back of the movement in the counter-clockwise direction. To reverse, turn clockwise.
- 4) If clock stops, it is most likely due to a dead battery. Remove the battery immediately as it will leak acid causing damage to the movement which will void warranty.*
- 5) If clock is to be left unattended for long periods of time, the battery should be removed, otherwise it could become dead and leak acid causing damage to the movement which will void warranty.*

General Care

1. To clean the outside surface, use a clean, dry, soft cloth to wipe away fingerprints. Do not use any solvents or abrasive cleaner/polish.
2. Use the rear set knob to set time. Never touch or move the hands manually.
3. Never leave a "dead" battery in clock. Remove battery if clock is to be stored for an extended period.
4. Always try a new battery and assure battery is properly positioned before returning clock for service.
5. Replace the battery if the timekeeping becomes erratic as this may be an indication of battery exhaustion.