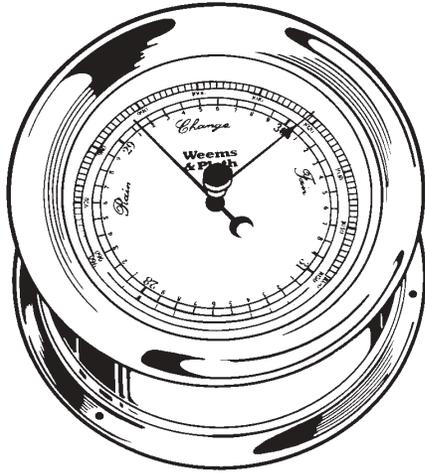


#290700
The Weems & Plath®
Admiral Barometer



Weems & Plath®

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Operating 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 indication of present weather. Moreover, it is an instrument used in predicting changes in 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. Do not take any notice of the words Rain, Change, and 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 the barometer to the atmospheric pressure present in your geographic area, by means of the small screw found on the back of the movement. To gain access to the back of the movement, remove the three (3) screws and brass plate on the back of the case.

The pressure will decrease as your altitude increases. 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".