



Galileo Thermometer & Barometer model 00795

Congratulations on your new AcuRite product. To ensure the best possible product performance, please read this manual in its entirety and retain it for future reference.

Unpacking Instructions

Contents are fragile and should be removed carefully.

Package Contents

1. Galileo thermometer
2. Glass barometer
3. Wooden base
4. Syringe
5. Injection tube
6. Instruction manual

IMPORTANT

PRODUCT MUST BE REGISTERED
TO RECEIVE WARRANTY SERVICE

PRODUCT REGISTRATION

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to receive 1 year
warranty protection

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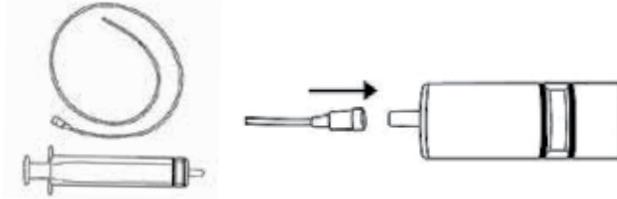
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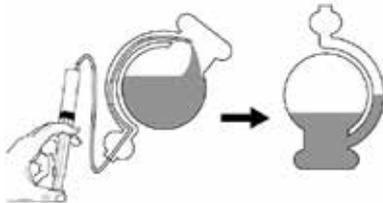
SAVE THIS MANUAL FOR FUTURE REFERENCE.

Storm Glass Barometer Setup

- 1) Fill a container with water – use distilled water to help prevent streaks on the glass.
- 2) Add food coloring to the water to make it easier to see.
- 3) Push the injection tube onto the syringe (shown below).



- 4) Fill the syringe with the colored water.
- 5) Insert the injection tube into the spout of the Storm Glass. The tube should go completely down the spout and stop at the top of the glass chamber. **DO NOT INJECT THE COLORED WATER AT THIS TIME.**
- 6) Hold the Storm Glass with one hand while holding the syringe with the other. Turn the Storm Glass upside down.
- 7) Slowly inject the colored water into the Storm Glass until it is about half full (shown below).



- 8) Remove the injection tube from the Storm Glass.
- 9) Turn the Storm Glass back to its upright position and set it on a flat surface.

The water should be about 1" up the spout of the Storm Glass. If the water is not at this level, fill the syringe with air and insert the filling tube back into the top of the water chamber. Do not turn the Storm Glass upside down for this procedure. Inject air into the chamber.

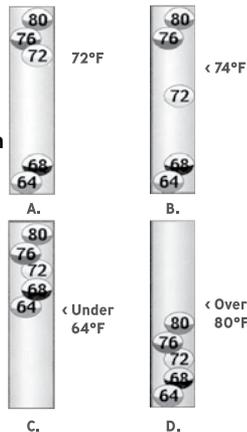
Water will rise up the spout and may overflow. You may want to do this over a sink and have a cloth or paper towels handy for clean up. Once you remove the injection tube the water should be further up the spout. Once filled, the water in the spout will immediately respond to changes in barometric pressure. Some evaporation may occur over time and additional water can be added as needed.

Galileo Thermometer

When temperature rises, the liquid inside the glass thermometer becomes less dense and the liquid-filled bulbs will sink. When the temperature drops, the liquid inside the thermometer becomes more dense and the liquid-filled bulbs will float.

Temperature

- The temperature is determined by the lowest floating bulb in the thermometer.
- When there is a bulb in the middle, the temperature is between that degree and the lowest floating bulb.
- If all the bulbs float to the top, the temperature is under the lowest floating bulb.
- If all the bulbs sink, the temperature is over the highest bulb.



Storm Glass Barometer

Variations in barometric pressure are associated with changes in the weather. The Storm Glass barometer accurately forecasts changes in the weather hours in advance because the water level in the spout of the Storm Glass reacts to changes in the atmospheric pressure.

A low water level in the spout indicates HIGH pressure, and fair weather can be expected. A high water level in the spout indicates LOW pressure, and precipitation can be expected. In cases of severe weather or major storms the water may even run out of the spout.

The Storm Glass does not indicate exact pressure, like a numeric barometer, but it is accurate enough to display the change in air pressure between the basement and attic in the same house.

Customer Support

AcuRite customer support is committed to providing you with best-in-class service. **For assistance**, please have the model number of this product available and contact us in any of the following ways:



(877) 221-1252



info@chaney-inst.com

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Limited One Year Warranty

At AcuRite, we proudly uphold our commitment to quality technology. Chaney Instrument Co. warrants that all products it manufactures to be of good material and workmanship, and to be free of defects when properly installed and operated for a period of one year from the date of purchase.

We recommend that you visit us at www.AcuRite.com for the fastest way to register your product. However, product registration does not eliminate the need to retain your original proof of purchase in order to obtain warranty benefits.

Chaney Instrument Co. warrants that all products it manufactures to be of good material and workmanship, and to be free of defects when properly installed and operated for a period of one year from the date of purchase. Remedy for breach of this warranty is limited to repair or replacement of the defective item(s). Any product which, under normal use and service, is proven to breach the warranty contained herein within ONE YEAR from date of sale will, upon examination by Chaney, and at its sole option, be repaired or replaced by Chaney. Transportation costs and charges for returned goods shall be paid for by the purchaser. Chaney hereby disclaims all responsibility for such transportation costs and charges. This warranty will not be breached, and Chaney will give no credit for products it manufactures which have received normal wear and tear, been damaged (including by acts of nature), tampered, abused, improperly installed, damaged in shipping, or repaired or altered by others than authorized representatives of Chaney.

The above-described warranty is expressly in lieu of all other warranties, express or implied, and all other warranties are hereby expressly disclaimed, including without limitation the implied warranty of merchantability and the implied warranty of fitness for a particular purpose. Chaney expressly disclaims all liability for special, consequential or incidental damages, whether arising in tort or by contract from any breach of this warranty. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. Chaney further disclaims all liability from personal injury relating to its products to the extent permitted by law. By acceptance of any of Chaney's products, the purchaser assumes all liability for the consequences arising from their use or misuse. No person, firm or corporation is authorized to assume for Chaney any other liability in connection with the sale of its products. Furthermore, no person, firm or corporation is authorized to modify or waive the terms of this paragraph, and the preceding paragraph, unless done in writing and signed by a duly authorized agent of Chaney. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

For in-warranty claims: Chaney Instrument Co.
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