

## Warranty Information

### 5-Year Limited Warranty

Cape Cod Wind & Weather warrants all instruments it manufactures to be free from defects in materials and workmanship for a period of five (5) years from the time of purchase. This warranty does not cover damages or malfunctions not resulting from defects in material or workmanship including, but not limited to, unauthorized repair or disassembly, modification, accident, improper installation, lightning or other power surges, or natural disasters. Any defective instrument returned to Cape Cod Wind & Weather during the warranty period will be repaired or replaced at the option of Cape Cod Wind & Weather free of charge. Cape Cod Wind & Weather does not accept liability for incidental or consequential damages, including without limitation any liability for products not being available for use. Cape Cod Wind & Weather disclaims all other warranties, either expressed or implied, including, but not limited to, implied warranties of merchantability and fitness for a particular purpose.

*Please contact us before sending any item for repair; we may be able to resolve your problem over the phone.*

Phone: 877-438-2294 or 508-432-0970.

Email: [service@downeaster.com](mailto:service@downeaster.com)

Website: [www.downeaster.com](http://www.downeaster.com)

**Cape Cod Wind & Weather**  
**189 Route 28, Unit 1**  
**West Harwich, MA 02671**

# Downeaster

---

# Wind & Weather

*“For the best in weather”*

## Instruction Manual



## Standard Tide Clock

*—Medallion & Classic Series—*

**Model #3080**

# Standard Tide Clock

- Medallion & Classic Series -

## TO INSTALL:

This tide clock can be flush mounted directly to the wall using the brass screws provided, or by using drywall inserts available at your local hardware store if mounting on plaster or sheetrock walls. Downeaster offers wood mounting boards for wall mounting, as well as mantle stands for placing on a mantle, shelf, desk, or any other flat horizontal surface. Call, or check our website, for the available options.

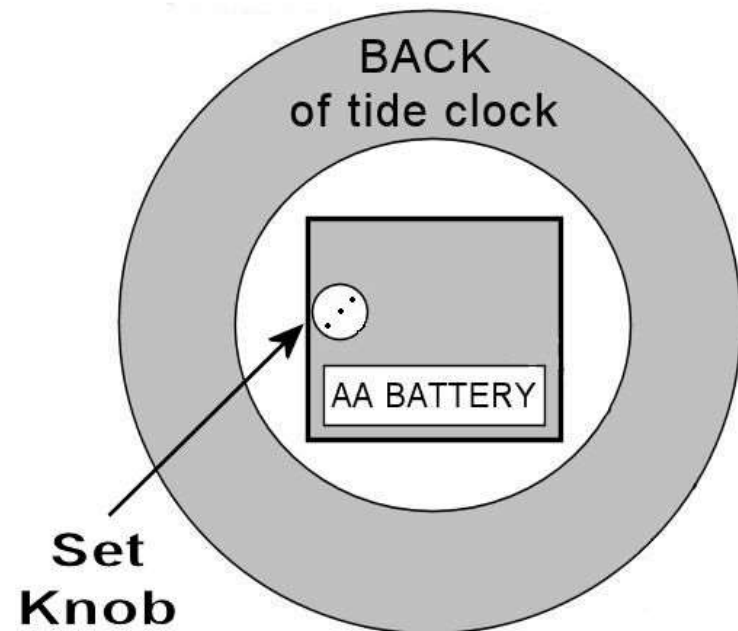
Insert a single “AA” battery in the bottom of the clock movement, being sure to properly align the “+” and “-” terminals as indicated on the movement. (If the clock is not going to be used for extended periods, it is best to remove the battery to prevent corrosion of the terminals.)

Consult a tide chart for the body of water you wish to monitor to determine the current stage of the tide. If you don't have a tide chart handy, you can find one online (search for “tide chart” and the name of the water body). Turn the set knob on the back of the movement until the hand indicates the current stage of the tide. For example, if the chart indicates high tide is at 3:00 pm and it's currently 1:00 pm, set the clock to read 2 hours before high.

## OPERATION:

Tide clocks make one revolution approximately every 12 hours and 25 minutes, which coincides with the timing of the semi-diurnal tides along the Atlantic Coast (tide clocks work well only on the Atlantic seaboard of North America). On average, each high tide will be about 25 minutes later than the last, as will each low tide. Thus, the hand on a tide clock rotates a bit more slowly than the hour

hand on a regular time clock. The actual time of the tides can vary somewhat from day to day due to the effects of strong winds, changes in atmospheric pressure, or other weather variables. However, these factors average out over time and over the long run the clock will accurately track the tides, though you may need to make small adjustments once or twice per year. (When resetting your regular clocks twice a year for Daylight Savings Time, it's a good idea to check your tide clock as well – though tide clocks do NOT need to be reset for Daylight Savings Time.)



*Please call with any questions regarding installation or operation of this instrument.*