
Ambient Weather EZ2-35W2-100 Pole Mounting Kit for AcuRite® Weather Stations User Manual



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1. Introduction

The Ambient Weather pole mounting kit is constructed of rust proof 10-steel tubing, galvanized using the Flo-Coat (zinc-chromate ploymer), which provides excellent corrosion proof protection.

Includes one 35" 1.00"-diameter smooth mast and one 1.00"-diamter 35" swaged mast for an effective height of 68".

Includes two 1.00" clamps, and four – ¼" diameter x 3" lag screws for mounting to any vertical surface.

2. Accessories

Item Number	Description
EZ-100-35M	Mast Extension. Add up to two mast extensions to extend the height of 31" per mast extension.

Figure 1

3. Parts

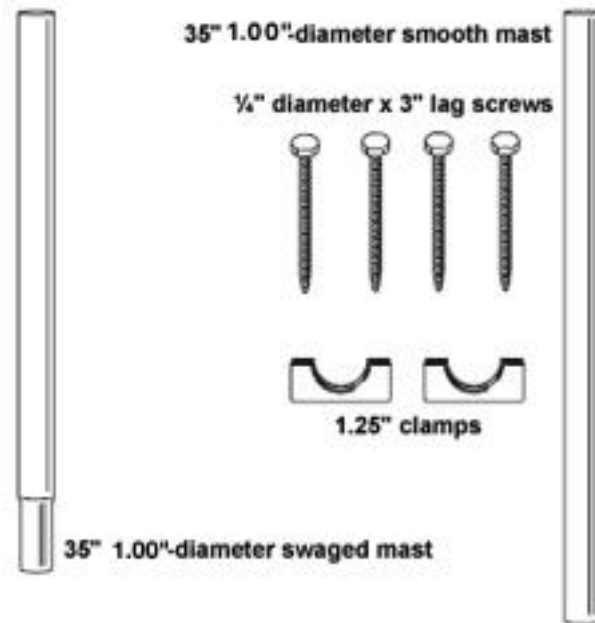


Figure 2

4. Warnings

⚠ WARNING: Improper installation of the mounting kit to your home or building may result in leaks. We recommend a licensed roofing specialist for invasive installations.

⚠ WARNING: Any metal object may attract a lightning strike, including your weather station and mount. Never install your weather station in a thunderstorm.

⚠ WARNING: We recommend properly grounding the mount to avoid extensive damage to the weather station and structure. Consult a licensed electrician or local lightning detection expert prior to installing a ground wire.

⚠ WARNING: Installing your weather station in a high location may result in injury or death.

5. Recommended Tools and Materials

- Phillips Precision screwdriver Size: #2 Phillips.
- 7/16" wrench
- Level or Plumb
- Drill

6. Mounting Installation

1. In a fence post or other flat vertical surface, drill two holes, using one of the 1-1/8" saddles as a guide.
2. Drill another set of holes at least 12" away from the first holes.
3. Using the lag screws, secure the saddles and into the post.
4. Tighten the lag screws until the tube will not slide up or down.

5. Insert the swaged end of the support tube in the open top of the extension tube.

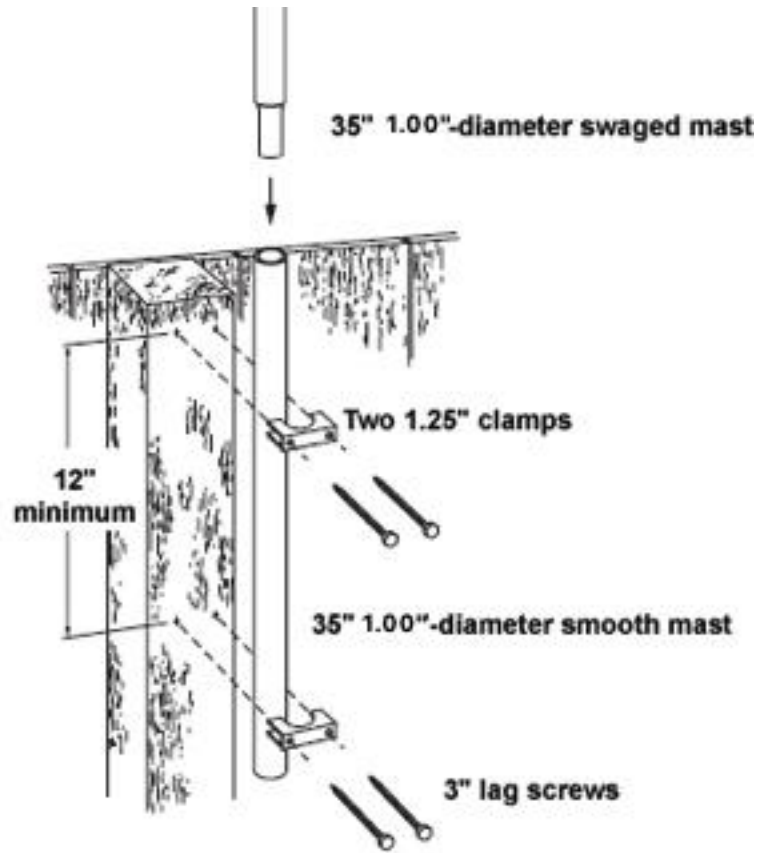



Figure 3

 Note: It is possible to strip the screws if the proper sized screwdriver head is not used. A spare screw is included with this kit.

We suggest the use of a cordless drill. Always use safety glasses and safety gloves when operating a cordless drill.

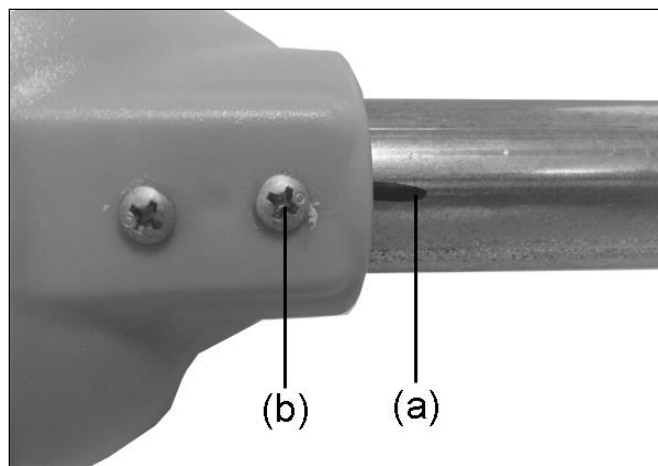


Figure 4

7. Optional Mast Extension

An optional mast extension (Item No. EZ-100-35M) allows you to extend your mounting mast by 31”.



Figure 5

Insert the swaged end of the mast extension into the mounting tripod mast and tighten so the extension does not rotate, as shown in Figure 6.

Repeat this step for additional mast extensions (maximum two is recommended).



Figure 6

8. Warranty Information

Ambient, LLC provides a 1-year limited warranty on this product against manufacturing defects in materials and workmanship.

This limited warranty begins on the original date of purchase, is valid only on products purchased and only to the original purchaser of this product. To receive warranty service, the purchaser must contact Ambient, LLC for problem determination and service procedures.

Warranty service can only be performed by a Ambient, LLC. The original dated bill of sale must be presented upon request as proof of purchase to Ambient, LLC.

Your Ambient, LLC warranty covers all defects in material and workmanship with the following specified exceptions: (1) damage caused by accident, unreasonable use or neglect (lack of reasonable and necessary maintenance); (3) damage resulting from failure to follow instructions contained in your owner’s manual; (4) damage resulting from the performance of repairs or alterations by someone other than an authorized Ambient, LLC authorized service center; (5) units used for other than personal use (6) applications and uses that this product was not intended (7) the products inability to receive a signal due to any source of interference or metal obstructions and (8) extreme acts of nature, such as lightning strikes or floods.

This warranty covers only actual defects within the product itself, and does not cover the cost of

installation or removal from a fixed installation, normal set-up or adjustments, claims based on misrepresentation by the seller or performance variations resulting from installation-related circumstances.

