
Ambient Weather EZ-29-24 Chimney Mounting Pole Kit User Manual



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1. Introduction

Thank you for your purchase of the Ambient Weather EZ-29-24 Chimney Mounting Pole Kit. The following user guide provides step by step instructions for installation, operation and troubleshooting.

The EZ-29-24 chimney mounting pole kit provides a stable weather station mounting solution for chimneys. Provides straps for mounting around the chimney.

Ambient Weather pole mounting kit constructed of rust proof 10-steel tubing, galvanized using the Flo-

Coat (zinc-chromate polymer) for excellent corrosion proof protection.

Pole is made of three assemblable 14" x 1.25"-diameter masts. Add a mast extension (see below) to extend the pole an additional 35".



2. Warnings and Cautions




! **Warning:** Any metal object may attract a lightning strike, including your weather station mounting pole. Never install the weather station in a storm.


! **Warning:** If you are mounting the weather station to a house or structure, consult a licensed electrician for proper grounding. A direct lightning strike to a metal pole can damage or destroy your home.

! **Warning:** Installing your weather station in a high location may result in injury or death. Perform as much of the initial check out and operation on the ground and inside a building or home. Only install the weather station on a clear, dry, day.

3. Parts List

QTY	Item	Image
4	Screws	
4	Side Clips	

QTY	Item	Image
4	12" Mounting Assemblies (2 shown attached together in the image)	
4	Strap Bolts	
2	1" Metal Straps	
8	7/16" Nuts, 1 for each strap bolt and 1 for each screw	

QTY	Item	Image
8	Lock washers, 1 for each strap bolt and 1 for each screw	

4. Tools Required

- 7/16" deep socket or wrench
- Tin Sheers
- Pliers
- Level or Plumb

5. Installation

1. Pre-assemble the strap bolts, lock washers, nuts, and screws. There are two complete assemblies per strap.
2. Tighten the strap bolt, lock washer and nut.
3. Finger tighten the screws, lock washer and nut assembly.

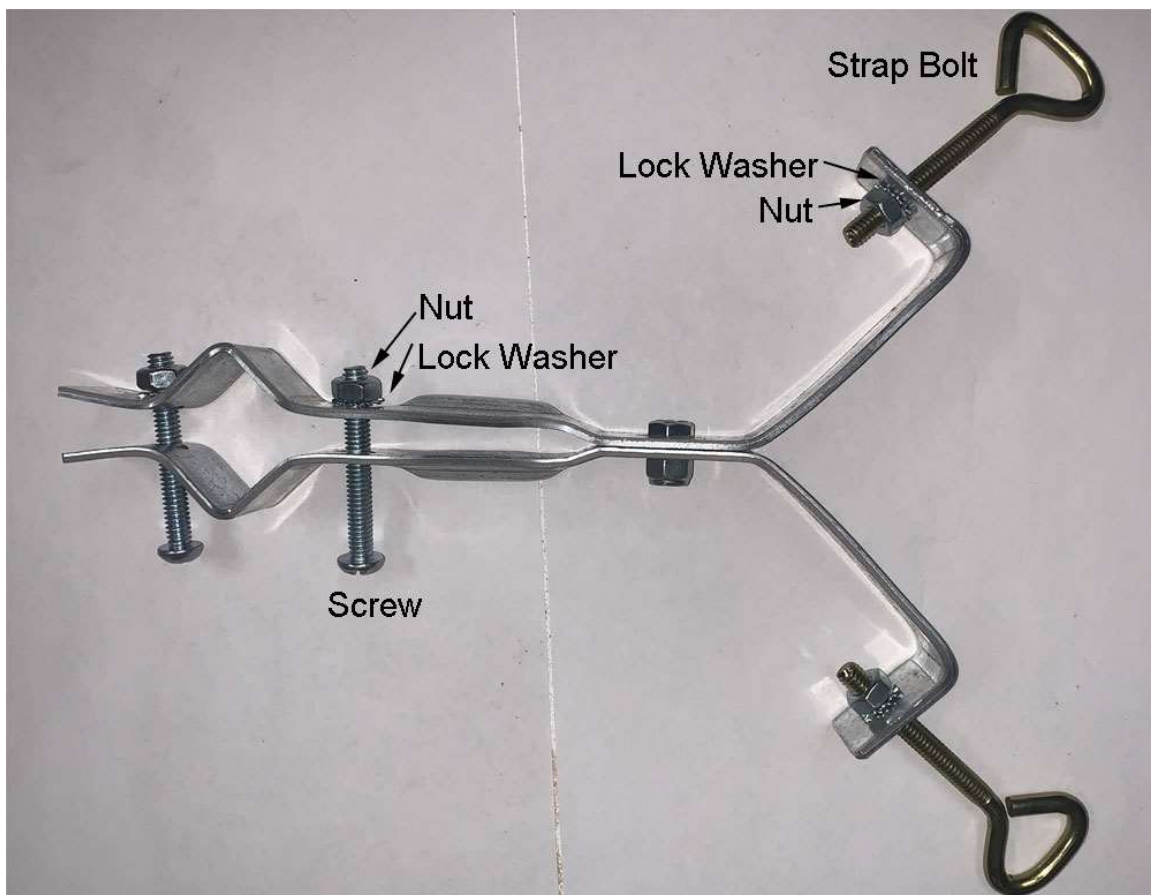


Figure 1

4. While on the ground (NOT ON THE ROOF), pre-assemble the metal strapping.

5. Slide one slide clip over each end of the metal strapping with the flanges pointing away from the chimney.

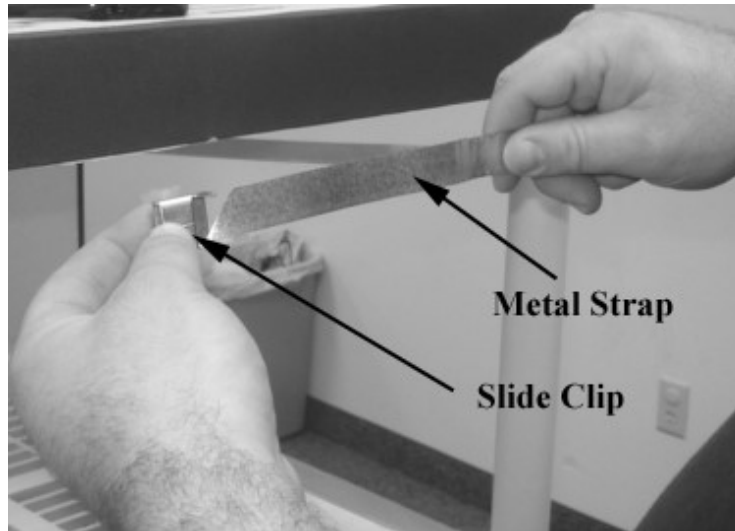


Figure 2

6. Thread the metal strap through each end of the strap bolts with the strap bolt eyelets pointing away from the chimney.

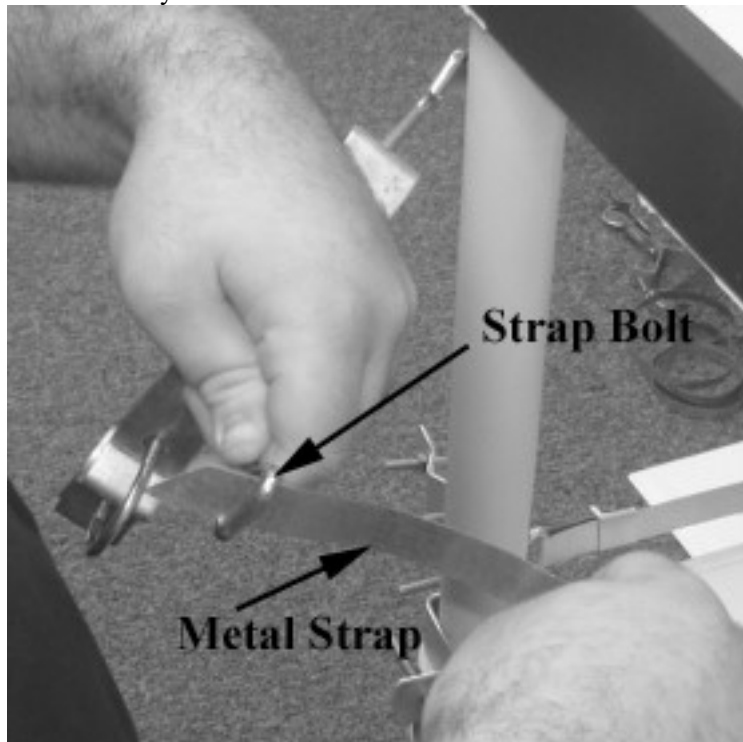


Figure 3

7. Bend the metal strap through the strap bolt eyelet.

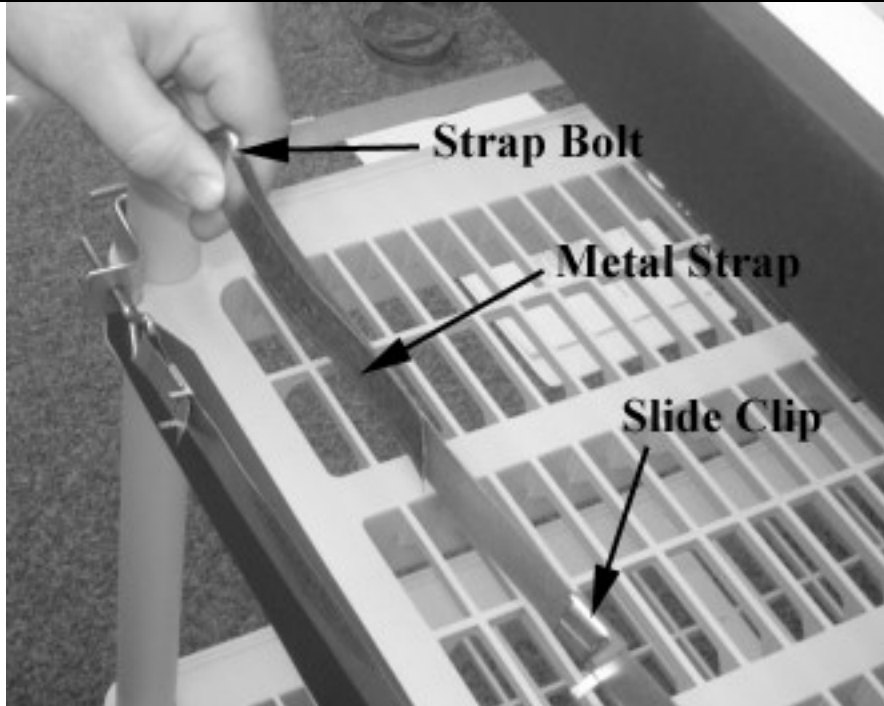


Figure 4

8. Slide the slide clip over the top of the excess metal strap.
9. Repeat these instructions for the second strap mount assembly.

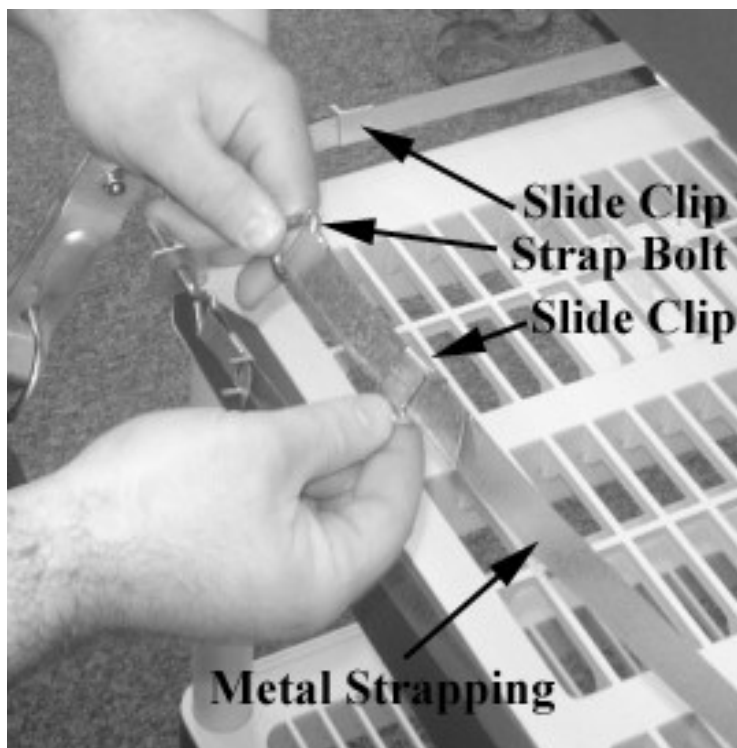


Figure 5

10. Slide both strap assemblies over the top of the chimney.

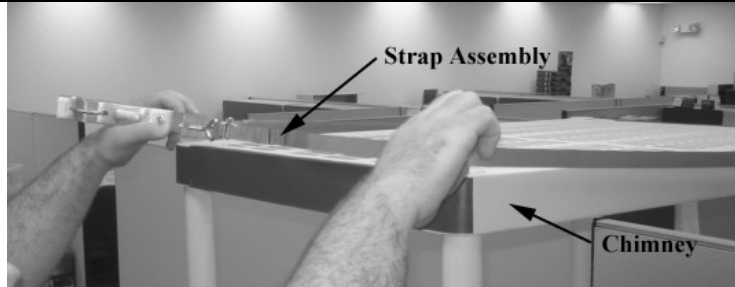


Figure 6

11. Pull the strapping taught with pliers by the ends of the metal strapping.
12. Cut excess strap with tin sheers. Leaving at least 3” margin between the slide clips and the end of the strap.



Figure 7

13. With the metal strapping taught, crimp the side clip flanges by bending onto the metal strap with pliers. The final tightening procedure is performed in the next step.

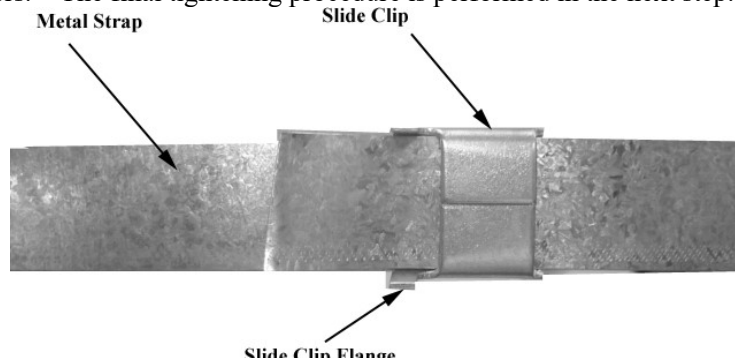


Figure 8

14. With a 7/16” deep socket wrench, tighten the metal strap until the unit is secure.
15. Repeat this procedure for the second mounting strap assembly. It is recommended the

mounting straps are at least 12" apart.

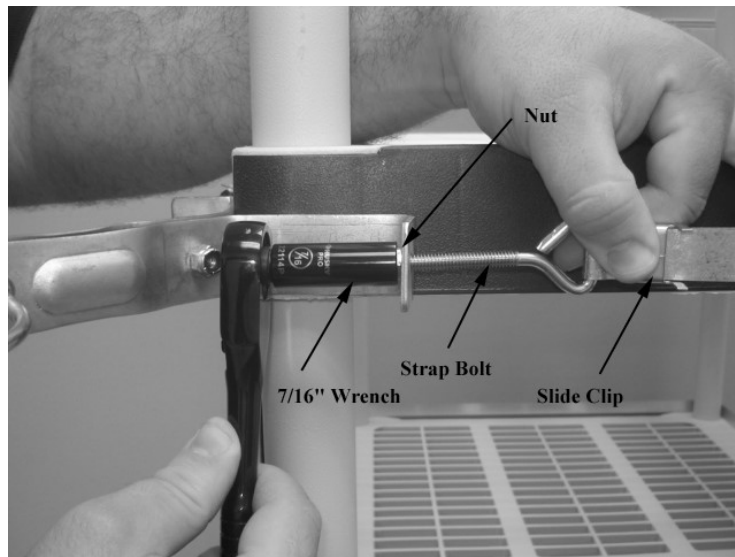


Figure 9



Figure 11

16. Reference Figure 11 above. Insert one of the swaged ends into a smooth end and tighten, by applying rotational force (hand tight is usually enough), so the extension does not rotate loose when permanently installed.

Repeat this step for the second and third 14" mast. The entirely smooth 14" mast should be on the bottom of the assembly.

17. Insert the assembled metal pole into each of the 12" Mounting Assemblies. Tighten U-nuts to secure the pole.
18. Use a level or plumb to make sure the pole is level and adjust accordingly.
19. Perform final tightening on all bolts.
20. Cut-off any excess strapping with tin shears.

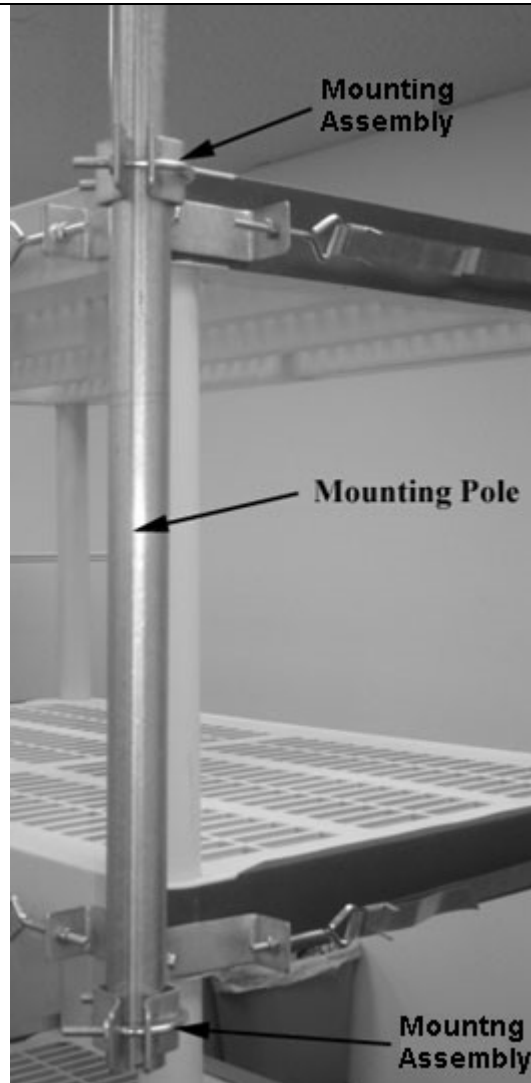


Figure 12

6. EZ-125-35M 35" Mast Extension (Optional)

Galvanized 1-1/4 inch (3.25 cm) O.D., 35 inch (89 cm) long steel post with one end crimped for insertion into another post of the same O.D.

Made of 18 gauge 1008-10 steel tubing, galvanized using the Flo-Coat (zinc-chromate-polymer) process for excellent corrosion protection.

When used with the EZ-48-3AB-125-35 Mast assembly, this extension will raise the anemometer to a height of 84 inches, with an effective adjustment range of 72 to 89 inches (187.2 to 231.4 cm).



Figure 13

7. Mast Extension Installation

Insert the swaged end of the mast extension into the mounting tripod mast and tighten so the extension does not rotate.

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



Figure 14

8. Liability Disclaimer

The specifications of this product may change without prior notice.

This product is not a toy. Keep out of the reach of children.

No part of this manual may be reproduced without written authorization of the manufacturer.

Ambient, LLC WILL NOT ASSUME LIABILITY FOR INCIDENTAL, CONSEQUENTIAL, PUNITIVE, OR OTHER SIMILAR DAMAGES ASSOCIATED WITH THE OPERATION OR MALFUNCTION OF THIS PRODUCT.

9. 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.

10. California Prop 65

WARNING: Use of the Ambient Weather Products can expose you to chemicals, including lead and lead compounds, which are known to the State of California to cause cancer and bisphenol A (BPA), and compounds, which are known to the State of California to cause cancer and bisphenol A (BPA), and phthalates DINP and/or DEHP, which are known to the State of California to cause birth defects or other reproductive harm.

Can I Trust that Ambient Weather Products are Safe Despite this Warning? In 1986, California voters approved the Safe Drinking Water and Toxic Enforcement Act known as Proposition 65 or Prop 65. The purpose of Proposition 65 is to ensure that people are informed about exposure to chemicals known by the State of California to cause cancer, birth defects and/or other reproductive harm. A company with ten or more employees that operates within the State of California (or sells products in California) must comply with the requirements of Proposition 65. To comply, businesses are: (1) prohibited from knowingly discharging listed chemicals into sources of drinking water; and (2) required to provide a "clear and reasonable" warning before knowingly and intentionally exposing anyone to a listed chemical. Proposition 65 mandates that the Governor of California maintain and publish a list of chemicals that are known to cause cancer, birth defects and/or other reproductive harm. The Prop 65 list, which must be updated annually, includes over 1,000 chemicals, including many that are commonly used in the electronics industry.

Although our manufacturing process is "lead-free" and RoHS compliant, it remains possible that trace amounts of lead could be found in components or subassemblies of Ambient Weather Products. Bisphenol A (BPSA) could conceivably be present in minute amounts in our plastic housings, lenses, labels or adhesives, and DEHP & DINP (phthalates) could possibly be found in PVC wire coatings of our cables, housings, and power cords. Unlike RoHS, Prop 65 does not establish a specific threshold for reporting on the substances of concern and instead sets forth a much less definitive standard requiring that the business demonstrate with certainty that there is "no significant risk" resulting from exposure. With respect to carcinogens, the "no significant risk" level is defined as the level which is calculated to result in not more than one excess case of cancer in 100,000 individuals exposed over a 70-year lifetime. In other words, if you are exposed to the chemical in question at this level every day for 70 years, theoretically, it will increase your Version 1.14 chances of getting cancer by no more than 1 case in 100,000 individuals so exposed. With respect to reproductive toxicants, the "no significant risk" level is defined as the level of exposure which, even if multiplied by 1,000, will not produce birth defects or other reproductive harm. In other words, the level of exposure is below the "no observable effect level," divided by 1,000. (The "no observable effect level" is the highest dose level which has not been associated with observable reproductive harm in humans or test animals.) Proposition 65 does not clarify whether exposure is to be measured only in normal operation, or in the event of misuse such as intentionally damaging,

incinerating, or consuming an Ambient Weather Product or component and Ambient Weather has not attempted to evaluate the level of exposure.

A Proposition 65 warning means one of two things: (1) the business has evaluated the exposure and has concluded that it exceeds the "no significant risk level"; or (2) the business has chosen to provide a warning simply based on its knowledge about the presence of a listed chemical without attempting to evaluate the exposure. The California government has itself clarified that "The fact that a product bears a Proposition 65 warning does not mean by itself that the product is unsafe." The government has also explained, "You could think of Proposition 65 more as a 'right to know' law than a pure product safety law."

While using Ambient Weather Products as intended, we believe any potential exposure would be negligible or well within the "no significant risk" range. However, to ensure compliance with California law and our customers' right to know, we have elected to place the Proposition 65 warning signs on Ambient Weather Products.

For further information about California's Proposition 65, please visit <https://oehha.ca.gov/prop65/background/p65plain.html>

