

## EZ-29-24 Chimney Mounting Pole Kit



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

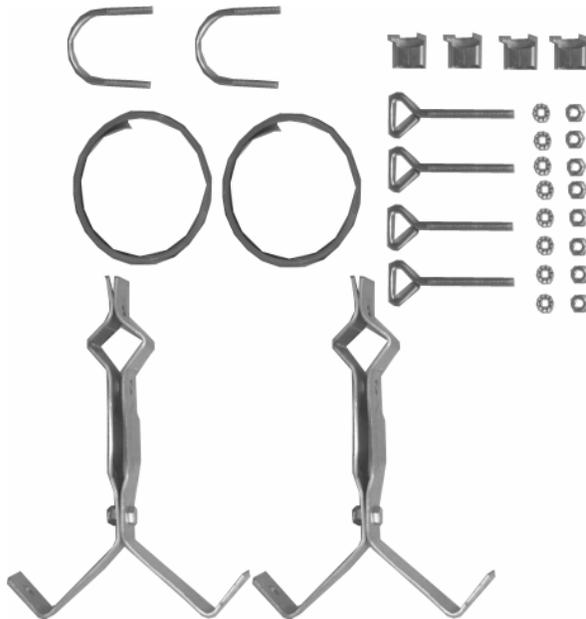
Ambient Weather pole mounting kit constructed of rust proof 10-steel tubing, galvanized using the Flo-Coat (zinc-chromate ploymer) for excellent corrosion proof protection.

Includes one 35" 1.25"-diameter smooth mast. Add a mast extension (see below) to extend the pole an additional 35" per extension.

**Figure 1**

### Components

The EZ-30-12 Mounting pole assembly includes the following components:



1. Qty 2: U-Bolts
2. Qty 4: Slide Clips
3. Qty 4: 12" Mounting Assemblies
4. Qty 4: Strap Bolts
5. Qty 2: 1" Metal Strapping
6. Qty 8: 7/16" Nuts
7. Qty 8: Lock washers



Ambient Weather  
1642 E. Silverwood Drive  
Phoenix, AZ 85048  
TEL 480-283-1644 ● FAX 480-346-3381  
[www.AmbientWeather.com](http://www.AmbientWeather.com)

### **Tools and Materials Needed**

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

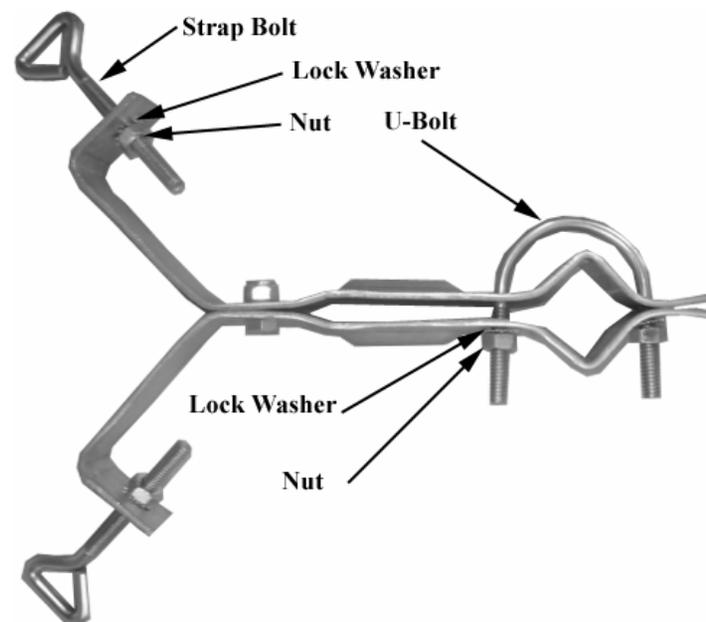
### **Important Installation Instructions**

**CAUTION:** Any metal object may attract a lightning strike, including your weather station and tripod.

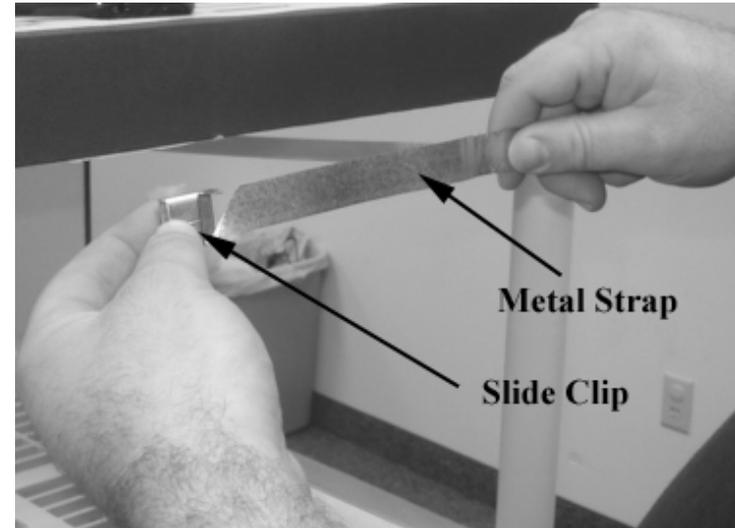
Never install your weather station in a thunderstorm.

### Installation

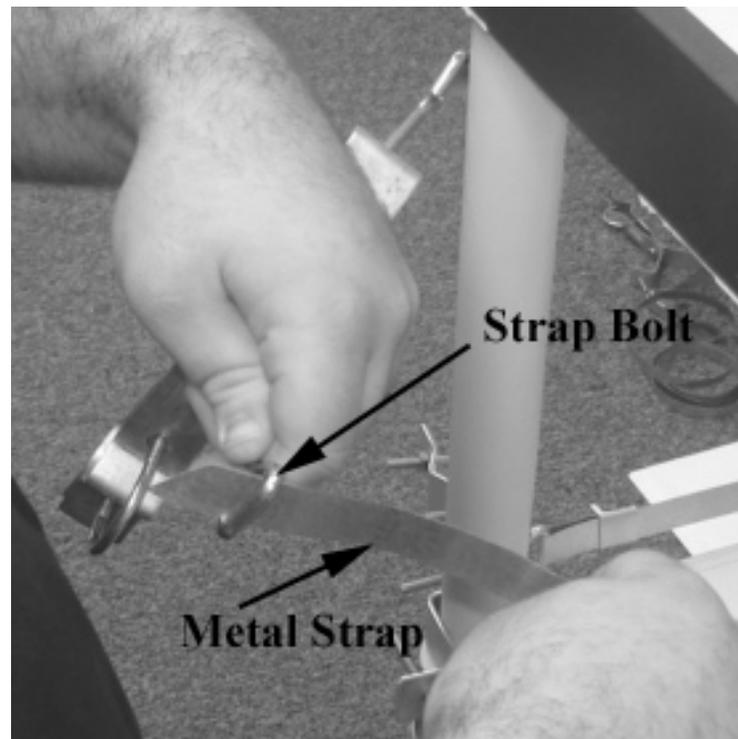
1. Pre-assemble the strap bolts, lock washers, nuts, and U-Bolt (as shown in the diagram to the right). There are two complete assemblies per strap.
2. Tighten the strap bolt, lock washer and nut.
3. Finger tighten the U-Bolt, lock washer and nut assembly.



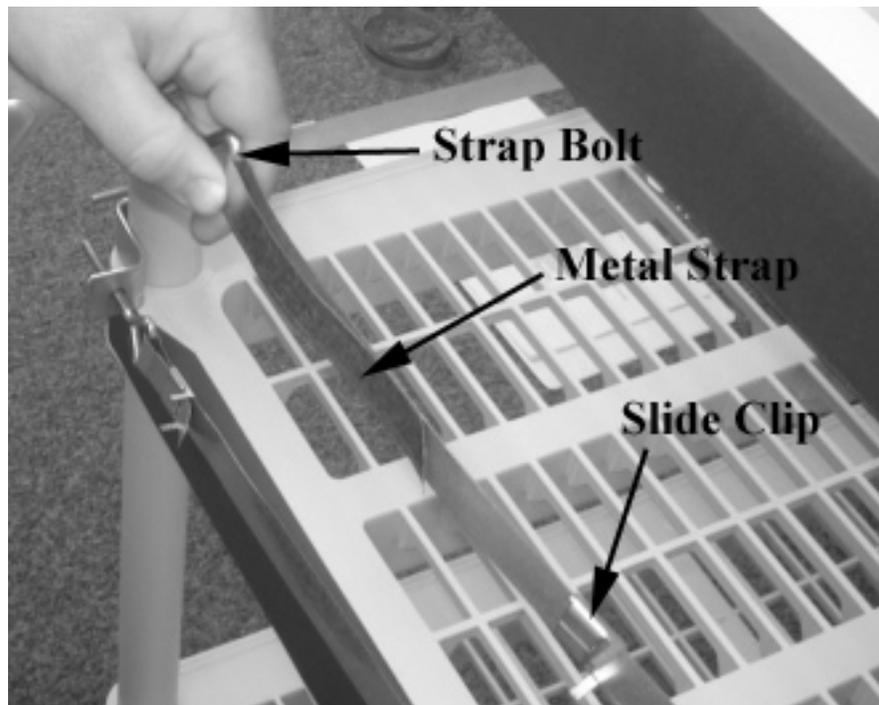
4. While on the ground (NOT ON THE ROOF), pre-assemble the metal strapping.
5. Slide one slide clip over each end of the metal strapping with the flanges pointing away from the chimney (as shown in the diagram to the right).



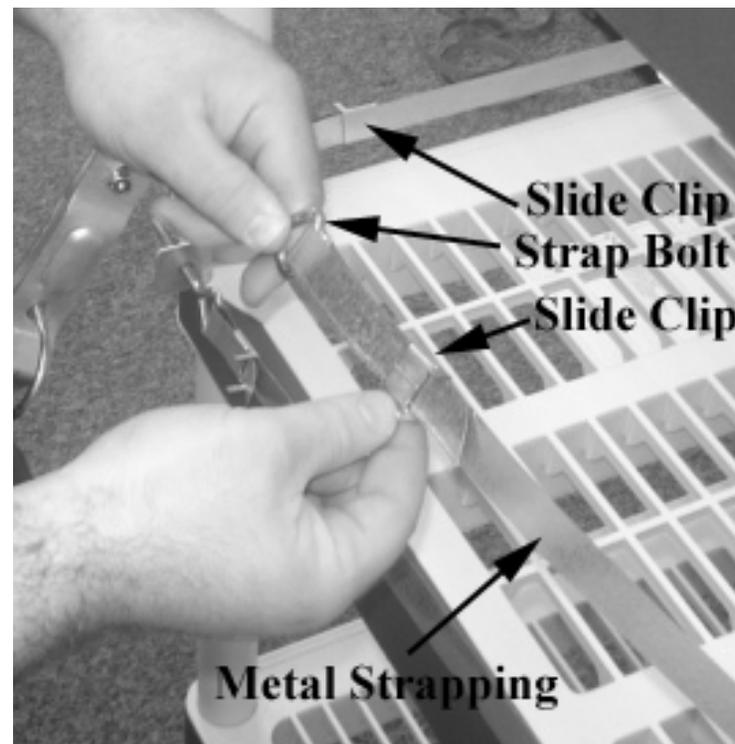
6. Thread the metal strap through each end of the strap bolts (as shown in the diagram to the right) with the strap bolt eyelets pointing away from the chimney.



7. Bend the metal strap through the strap bolt eyelit (as shown in the diagram to the right).



8. Slide the slide clip over the top of the excess metal strap, as shown in the diagram to the right.
9. Repeat these instructions for the second strap mount assembly.



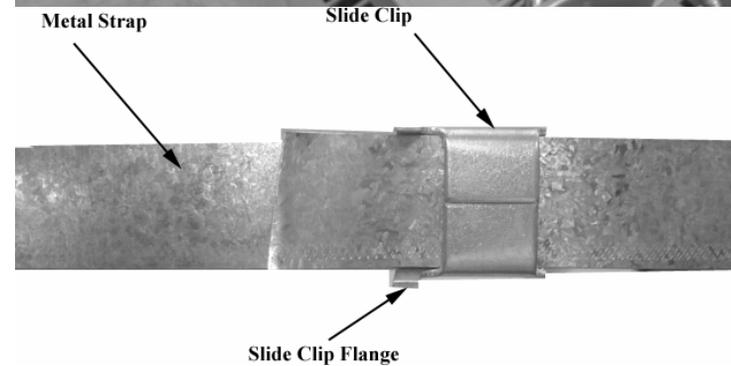
10. Slide both strap assemblies over the top of the chimney, as shown in the diagram to the right.



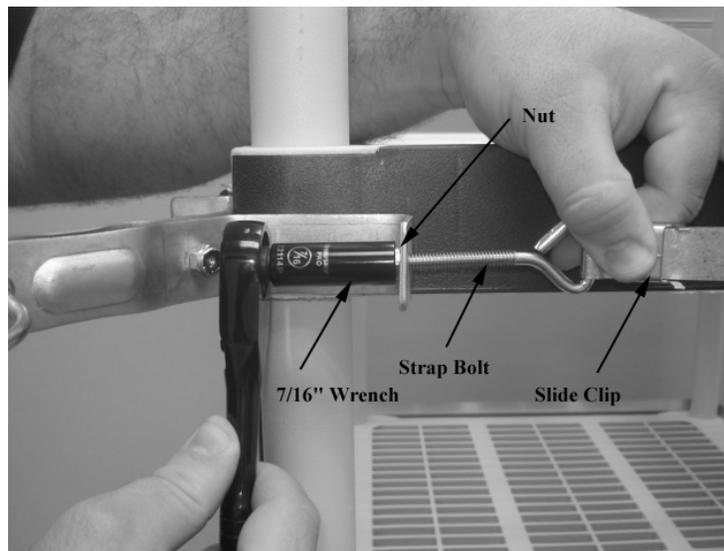
11. Pull the strapping taught with pliers by the ends of the metal strapping.
12. Cut excess strap with tin sheers. Leaving at least 3" margin between the slide clips and the end of the strap, as shown in the diagram to the right.



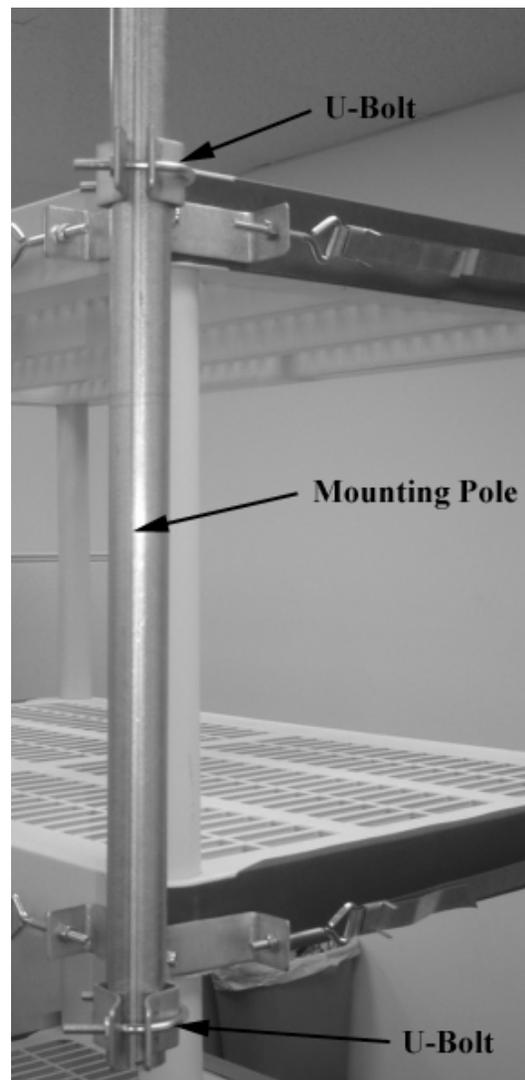
13. With the metal strapping taught, crimp the side clip flanges by bending onto the metal strap with pliers. The final tightening procedure is performed in the next step.



14. With a 7/16" deep socket wrench, tighten the metal strap until the unit is secure (as shown in the diagram to the right).
15. Repeat this procedure for the second mounting strap assembly. It is recommended the mounting straps are at least 12" apart.



16. Insert the metal pole into each of the U-Bolts. Tighten U-Bolt nuts to secure the pole, as shown in the diagram to the right.
17. Use a level or plumb to make sure the pole is level and adjust accordingly.
18. Perform final tightening on all bolts.
19. Cut-off any excess strapping with tin sheers.



### **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).

### **Mast Extension Installation**



Reference the figure above. 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).