

A-Core Container

Outdoor base station equipment on the roof



Overview

Can a weather station be mounted on a flat roof?

Whether you want to mount your weather station on a pitched roof, flat roof, gable, or elsewhere, Ambient Weather has a mounting option that fits your needs. Weather station mounts are designed to safely and securely install weather stations while withstanding harsh outdoor climate conditions.

How do you mount a weather station on a gable roof?

Eaves Mounting: Mounting on the eaves of your house involves drilling holes for lag bolts, but they are easy to fix if you decide to remove the installation later. Kits are available for gable roofs, and you can use a 1.25-inch top rail pipe as a sturdy mount. Dish Mounting: You can repurpose a satellite dish mount for your weather station.

How high should a weather station be on a roof?

This is often the hardest standard to meet in a home weather station, so if mounted on a roof, it should be at least six to ten feet above the roofline. The rain gauge should be mounted 4-6' above the ground, according to the CWOP, and at a distance of at least four times the height of any nearby obstructions. Where should I put my weather station?

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Can a weather station be installed on a gable roof?

Mounting a weather station sensor on the eaves. Mounting anything on the eaves of your house is going to involve drilling holes for lag bolts. The holes are very easy to fix if you decide to remove the installation, so this is a good choice. If you have a gable roof, you're in luck. There are installation kits made for just this purpose.

Where should a weather station be placed?

If temperature accuracy is a priority, and roof mounting seems suitable, consider placing the weather station on the side of the house that faces the prevailing winds in the summer. This way, the sensors are sheltered from the hot roof and receive more accurate wind readings.

What Mount and mast system does ambient weather use?

The Ambient Weather EZ-48 is the mount and mast system we use here at The Weather Station Experts. You can mount it to any level surface (such as a flat roof) or use Ambient Weather's stake kit for ground mounting.

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Contact Us

For catalog requests, pricing, or partnerships, please visit:
<https://www.a-core.pl>