Weather Shade Kit

Accessories for HVAC/R

Features & Options

- Improves Accuracy of Outside Air Sensors by Reducing Solar Heat Gain
- Simple and Sturdy Mounting Method

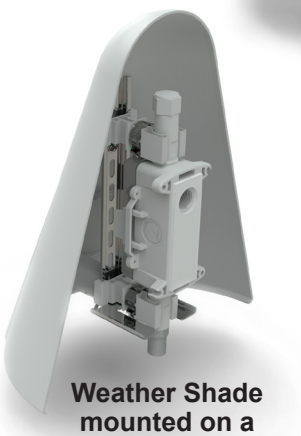
External temperature, humidity and air quality sensors can be affected by solar heat gain. The BAPI Weather Shade effectively reduces the solar heat gain, improving the accuracy of the sensor.

The shape of the cone and spacing from the wall creates a chimney which draws radiant heat from solar gain away from the sensor. The “domed” top also prevents bird nesting while the smooth surface minimizes hosting of insects.

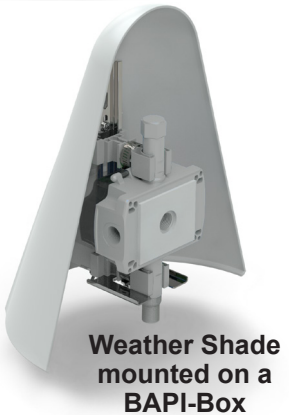
The Weather Shade is constructed of solar stabilized plastic to ensure a long, corrosion-free life. The material also has a high reflectivity rating (87%) and low emissivity rating (0.90) to reduce the radiant heat created from solar gain. Besides reducing solar heat gain, the shade also protects the probe filter from precipitation and grit, extending the life of the filter.

The Weather Shade mounts quickly and securely to the BAPI-Box and BAPI-Box 2 enclosures.

Weather Shade



Weather Shade mounted on a BAPI-Box 2



Weather Shade mounted on a BAPI-Box

Ordering Information

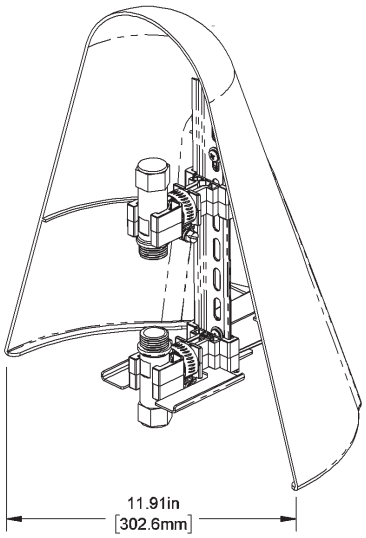
Part Number	Description
BA/WSK	Weather Shade Kit (Includes a pre-assembled shade and DIN rail bracket, two capped mount tubes, one adjustable clamp and one adjustable clamp with retention plate.)

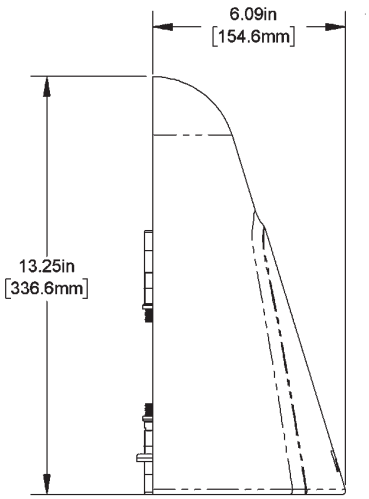
Specifications

Shade Material:
UV-stabilized Polycarbonate

Shade Material Ratings:
Flammability: UL 94
Reflectivity: 87%
Emissivity: 0.90

For more information, see the Application Note “Reducing Solar Heat Gain on Outdoor Air Sensors with the BAPI Weather Shade” on the BAPI website at www.bapihvac.com. Find it by clicking on “Resource Library” and then on “Application Notes”.





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