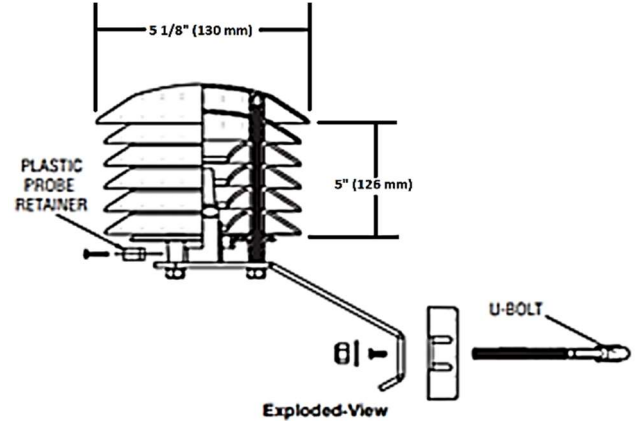


380-RHRS Solar Radiation Shield

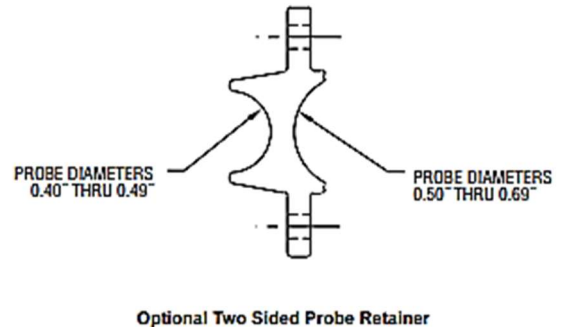
The **380-RHRS Solar Radiation Shield** protects temperature and humidity transmitters from rain and radiated heat. With the curved shape and color of the plates, air flow is able to move across the sensor to keep radiated temperatures from rooftops and surrounding surfaces from affecting humidity readings.

- Use with NovaLynx 225-RHP Series Transmitters
- Use with other temperature/humidity probes
 - Probe diameters 0.40" thru 0.49"
 - Probe diameters 0.50" thru 0.69"
- Bracket for pipe mounting ($\frac{3}{4}$ " to 1 $\frac{1}{2}$ " diameter)
- Wall mount option



INSTALLATION

- 1) Loosen the plastic probe retainer on the radiation shield by unscrewing two retainer screws.
- 2) Install the probe inside the sunshield so that the tip is no closer than one inch (25 mm) from the upper cap.
- 3) Screw the plastic probe retainer to the radiation shield until the probe is firmly held in place. Do not over tighten the screws.



For Pipe Mounting

- 1) Remove the U-bolt from the mounting bracket.
- 2) Secure the radiation shield to $\frac{3}{4}$ " to 1- $\frac{1}{2}$ " diameter mast.

For Surface Mounting

- 1) Remove the U-bolt and the screw holding the pipe retaining bracket.
- 2) Mark the outer two holes of the mounting bracket on the surface.
- 3) Drill the two holes marked in the previous step into the surface.
- 4) Attach the bracket with appropriate fasteners (not supplied).

ORDERING INFORMATION

380-RHRS Solar Radiation Shield



**380-RHRS Solar Radiation Shield
with
225-RHP Humidity/Temperature Transmitter**

380-RHRS Solar Radiation Shield

| | |
|-------------------|---|
| Capacity | 1 probe (temperature, humidity or combined temp/RH) Accommodates sensors from 0.40" to 0.69" (10 to 17.5 mm) diameter |
| Material | Polycarbonate louvers Aluminum mounting bracket, white Stainless steel U-bolt and fasteners |
| Mounting | Vertical pipe mount: $\frac{3}{4}$ " to 1 $\frac{1}{2}$ " (19 to 38 mm) o.d. with U-bolt Surface mount: Remove U-bolt. Mounting screws not included. |
| Size | 5.1" Dia x 8.7" H (130 x 221 mm) mounting arm 6" L (152 mm) |
| Weight / Shipping | 0.9 lb (0.4 kg) / 1.1 lbs (0.5 kg) |