Solar Radiation Shield
(Part # RS3)

Inside this package:
- 1 Assembled solar radiation shield
- 1 Mounting bracket
- 6 Cable ties
- 2 Knurled nuts
- 2 Screws
- 1 Hose clamp

Doc #11269-B, MAN-RS3
Onset Computer Corporation

Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
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<tbody>
<tr>
<td>Time response</td>
<td>2.5 times faster than the RS1</td>
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<tr>
<td>Wind resistance</td>
<td>Tested in sustained winds up to 129 kph (80 mph) Tested in gusts up to 161 kph (100 mph)</td>
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<tr>
<td>Materials</td>
<td>Shield: ASA styrene (UV-stable) Bracket: Glass-filled nylon (UV-stable) Mounting hardware: Stainless steel and brass</td>
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<tr>
<td>Temperature</td>
<td>-40° to 75°C (-40° to 167°F)</td>
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<tr>
<td>Weight</td>
<td>113 g (4 oz)</td>
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<tr>
<td>Height</td>
<td>89 mm (3.5 inches); 159 mm (6.25 inches) with bracket</td>
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<tr>
<td>Diameter</td>
<td>102 mm (4 inches); bracket protrudes an additional 102 mm (4 inches) from shield</td>
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<tr>
<td>Mounting</td>
<td>Up to 51 mm (2 inches) mast diameter with hose clamp; unlimited with screws</td>
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<tr>
<td>Compatible sensors</td>
<td>Onset part numbers S-THB-M00X, S-TMA-M0XX, S-TMB-M0XX, TMCx-HB, TMCx-HD, and external sensors from U23-00X; NOT compatible with S-THA sensors.</td>
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</table>

Mount temperature or temp/RH sensor in shield as shown. Clearance between mounting bracket and radiation shield ceiling is 65 mm (2.5”). Measure the sensor’s placement accordingly and secure the cable to the mounting bracket (C) with cable ties (B). Carefully place the radiation shield (A) over the sensor and attach to mounting bracket with knurled nuts (D), being careful not to over-tighten.

Attach mounting bracket to wall, post, or HOBO® Weather Station mast. To use included screws (E) as shown in the diagram (left), pre-drill 2.4 mm (3/32") holes in wood, or 2.75 mm (7/64") holes in metal.

Or, fasten with hose clamp (F) as shown in diagram below.
Service and Support
As part of Onset’s ongoing efforts to provide 100% customer satisfaction, our Continuing Engineering Group constantly monitors and evaluates all of our products and software. In the unlikely event any significant defect is found, Onset will notify you. If you find a defect, please e-mail us at loggerhelp@onsetcomp.com.

HOBO products are easy to use and reliable. In the unlikely event that you have a problem with this instrument, contact the company where you bought the logger: Onset or an Onset Authorized Dealer. Before calling, you can evaluate and often solve the problem if you write down the events that led to the problem (are you doing anything differently?) and if you visit the Technical Support section of the Onset web site at www.onsetcomp.com/support.html. When contacting Onset, ask for technical support and be prepared to provide the product number and serial number for the logger and software version in question. Also completely describe the problem or question. The more information you provide, the faster and more accurately we will be able to respond.

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E-mail: loggerhelp@onsetcomp.com
Internet: www.onsetcomp.com

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Please direct all warranty claims and repair requests to place of purchase.
Before returning a failed unit directly to Onset, you must obtain a Return Merchandise Authorization (RMA) number from Onset. You must provide proof that you purchased the Onset product(s) directly from Onset (purchase order number or Onset invoice number). Onset will issue an RMA number that is valid for 30 days. You must ship the product(s), properly packaged against further damage, to Onset (at your expense) with the RMA number marked clearly on the outside of the package. Onset is not responsible for any package that is returned without a valid RMA number or for the loss of the package by any shipping company. Loggers must be clean before they are sent back to Onset or they may be returned to you.

Repair Policy
Products that are returned after the warranty period or are damaged by the customer as specified in the warranty provisions can be returned to Onset with a valid RMA number for evaluation.

ASAP Repair Policy. For an additional charge, Onset will expedite the repair of a returned product.

Data-back™ Service. HOBO data loggers store data in nonvolatile EEPROM memory. Onset will, if possible, recover your data.

Tune Up Service. Onset will examine and retest any HOBO data logger.

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