

Self-Aspirating Radiation Shield



For Accurate Temperature Readings

Self-Aspirating Radiation Shield

Description

When accuracy is critical – especially in environments where your sensors may be subject to incident radiation from either direct sunlight or proximate surfaces – a radiation shield is the solution. This self-aspirating radiation shield will help you get the most accurate temperature and/or humidity readings.



Features

- Self-aspirating, requiring no electricity to operate.
- Gloss white powder-coated aluminium construction insures high surface reflectivity and provides long-lasting protection from exposure, even in harsh environments.
- Overlapping, eight-cup design allows efficient air circulation, absolutely no penetration of incident radiation.
- Very easy to assemble and install.
- Easy to mount with heavy gauge, thermally isolated sensor support.

The radiation shield provides a sizeable column of air for an accurate ambient air reading. Thermal transfer is optimized so heat dissipates rapidly. Two layers of aluminium between the sensor and the top of the shield prevent the probe(s) from being effected by radiation from above.

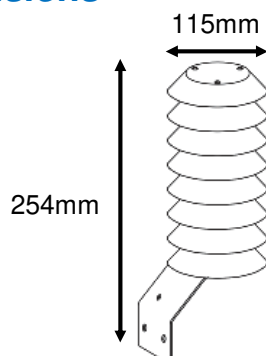
Order Information

COL-RAD Self-Aspirating Radiation Shield - Includes: Shield (assembly required), Mounting bracket with isolation pads and assembly instructions

Specifications

Capacity:	Max diameter 22mm.
Mounting:	Included pole mounting bracket kit, max pole diameter 38mm.
Dimensions:	Shield Ø = 115mm, H = 254mm (Inc. pole mount assembly).
Weight	0.4Kg.

Physical Dimensions

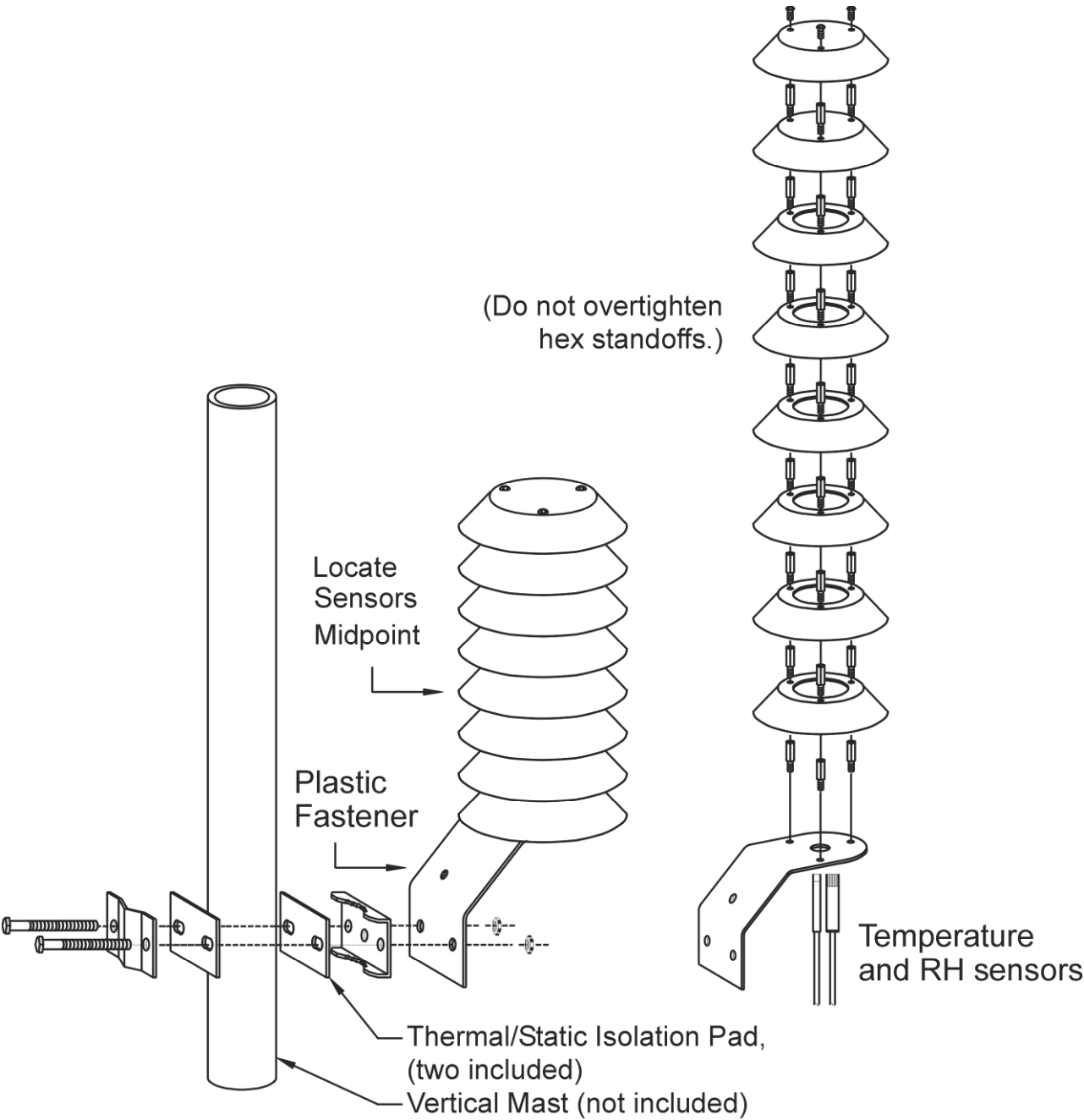


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Warning: These products are not designed for use in, and should not be used for patient connected applications. In any critical installation an independent fail-safe back-up system must always be implemented.

Radiation Shield Assembly

Insert humidity and/or temperature sensors in the radiation shield to the midway point and secure cables to the plastic fastener on the mounting bracket using the provided cable ties.



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