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Mod. RSG VU

Heating and Ventilation unit for Secondary Standard pyranometer (class A)

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Highlighted specs

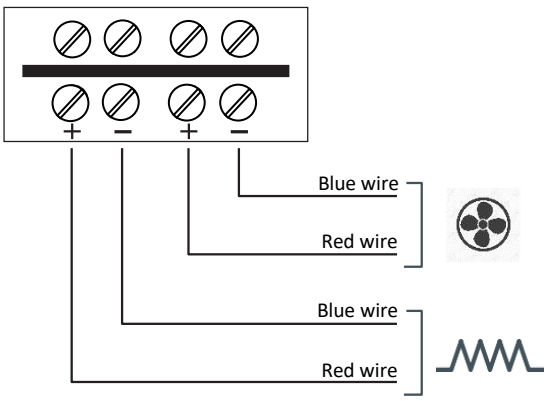
- Low power heating and ventilation unit
- ISO9060 and WMO standards compliant
- Compact and light design for hot and cold climates
- Easy to install
- According to CE norms

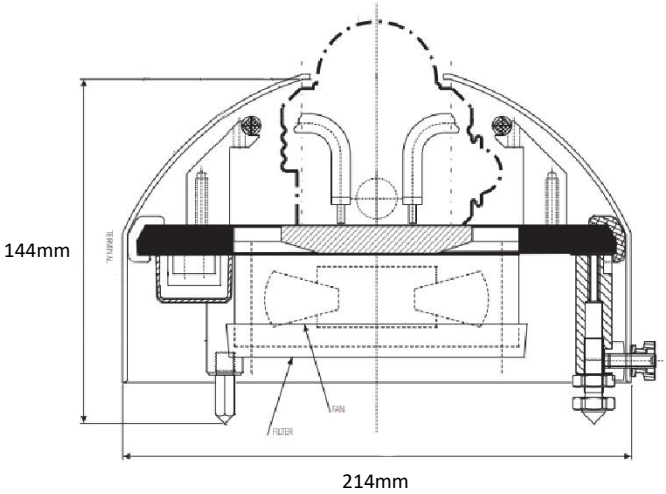
The heating and ventilation unit **RSG-VU** is meant to be **used with NESA Secondary standard solar radiation sensors** and can be used outdoor under any weather conditions.
The ventilation of the instruments **increases the precision of the measures** by making the pyranometer's temperature uniform, in particular **it avoids the deposit of dew and frost on the optical parts** of the sensors and **reduces the off-set caused by the cooling of the dome** compared to the instrument's body. It's possible to use the heating under extreme environmental conditions to **prevent ice formation on the dome of the pyranometer** (when the heating is on, you should consider that the off-set may increase, therefore we suggest the use of the heating only for the time necessary to remove snow or ice formed on the instrument's surface).

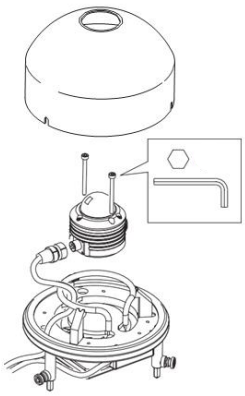
Power supply – Fan	12 Vdc (@5W)
Power supply - Heating	12 Vdc (@6W)
Working conditions	-30 ÷ +70°C

Size and connections

Pin	Color	Heating	Fan
1	Blue	Vdc(12V) 16W	
2	Brown	Gnd	
3	Blue		Vdc(12V) 5W
4	Brown		Gnd







Order code

RSG-VU: It has to be ordered as an option of the RSG2std pyranometer

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