

Ventilation of radiometers improves the reliability and accuracy of the measurement.

Easy to use and low maintenance.

Can be used under all weather conditions.

CV 2 is designed for use with Kipp & Zonen solar radiation instruments in the CMP, CGR and CUV series. Ventilation of the radiometer improves the reliability and accuracy of the measurement. This is achieved by:

- Prevention of precipitation of dew, which would otherwise affect the measurement.
- Suppression of the infrared offset, which is produced by cooling down of the domes under calm clear sky conditions.



Use of the integrated heater provides:

- Prevention of precipitation of snow and frost, which would otherwise affect the measurement.
- Stabilisation of the dome temperature.



CV2 can be used under all weather conditions and is easy to use. The only part that needs maintenance is the removable air filter at the bottom, which should be checked at regular intervals.



SPECIFICATIONS

Ventilation power	5 Watt continuous
Heating	5 Watt and 10 Watt
Operating temperature	-30 °C to +70 °C
Air temperature rise caused by CV 2	< 0.5 °C @ 5 Watt (heater) < 1 °C @ 10 Watt (heater)
Offset caused by heater	< 7 W/m ² (with CMP 11 pyranometer)
Cable length	10 m
Power required	12 Volt DC, 1.25 A (with 10 W heater)
Accessories / Spare Parts	
Power supply (90-264 Volt AC)	part no. 0349 401
Spare filters (5 pieces)	part no. 2682 916

