MV-01 Ventilator

Technical Specifications

Ensure data availability

Made for MS-80, MS-80A, MS-80M

Compatible with MS-40 and MS-60

Tacho output to monitor speed

Compliant IEC 61724-1 standard

The MV-01 ventilator and heater in combination with the MS-80/60/40 pyranometers will keep the pyranometer sensor free of dew, ice and snow. The ventilator ensures data availability of the MS-80/60/40 under all environmental conditions. In combination with the MV-01 ventilator, your sensor will be compliant to the requirements of the new IEC 61724-1 standard (Class A).

With the standard tacho output teh speed of the fan can be monitored. The MV-01 features a low power fan and effective heater, which can be separately switched on/off during the variable operating conditions. Due to the vertical design of the pyranometer sunscreen, the air outlet will remain free from snow and ice. The ventilator unit is protected against overheating through a temperature safety switch.

MV-01 is compatible with the MS-80 Secondary standard, MS-60 First class and MS-40 Second class pyranometers.

	MV-01
Compatible sensors	MS-80 / MS-60 / MS-40 series
Power supply	12 VDC VDC
Power consumption	2 - 9 W
Operating temperature range	-30 - 60 °C
Induced Zero offsets	< 1 W/m2
Tacho output	Pulse / 100Hz / 3000 RPM
Ingress protection IP	54
Cable length	10 m
Dimensions mm	138 (D) x 67 (H)
Weight	0.7 kg

Options	MV-01
Cable length	20 / 30 / 50 m
Air filter kit	5 filters

Specifications are subject to change without further notice.