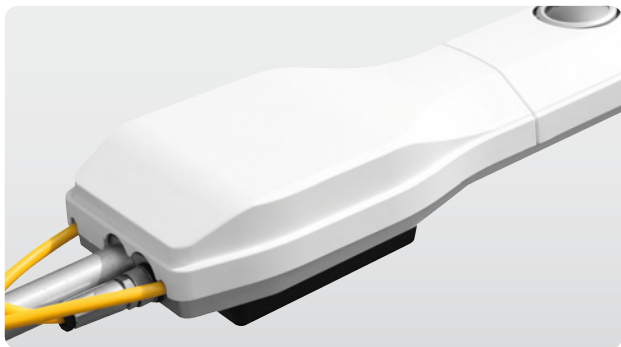


CNF 4



CNF 4 is the optional ventilation unit and heater for the Kipp & Zonen CNR 4 net radiometer that can be integrated at production. But it can also be bought as an accessory kit for retro-fitting to a CNR 4 that was purchased without it.

CNF 4 provides a clean air flow over all four of the CNR 4 radiometer domes and windows and is designed to operate under all weather conditions. The only part that needs maintenance is the air inlet filter, which should be checked at regular intervals and cleaned or replaced when necessary.

The integrated 10 W heating can be switched on by the operator when required. This raises the temperature of the domes and windows slightly above ambient to prevent the formation of dew and frost and to disperse precipitation. The ventilation fan and heater run from 12 VDC and can be operated by the accessory CVP 2 universal AC-DC power adaptor.

Specifications	
Ventilator fan power	5 W continuously
Heater power	10 W
Operating temperature	-40 °C to +70 °C
Cable voltage drop	0.07 V/m (with heater)
Power required	12 Volt DC, 1.3 A (with heater)

Article	Part number
CNF 4 Ventilation Unit • 10 m cable	0369700-002
Options for CNF 4	
CNF 4 Ventilation Unit • 25 m cable	0369700-004
CNF 4 Ventilation Unit • 50 m cable	0369700-005
CNF 4 Ventilation Unit • plug only, no cable	0369700-008
<i>Note: The cable for the CNF 4 ventilation unit is limited to 50 m because of voltage drop</i>	

Accessories for CNF 4	Part number
Spare Filters pack of 5 fan inlet filters	2682047
CVP 2 Power Supply 115 / 230V AC Power adaptor with 12 VDC output	0349401
<i>Note: CVP 2 is not suitable for unprotected outdoor use</i>	

Article	Part number
CNR 4 Net Radiometer + CNF 4 Ventilation Unit • 10 m cable	0369900-132
Options for CNR 4 Net Radiometer + CNF 4 Ventilation Unit	
CNR 4 Net Radiometer + CNF 4 Ventilation Unit • 25 m cable	0369900-134
CNR 4 Net Radiometer + CNF 4 Ventilation Unit • 50 m cable	0369900-135
CNR 4 Net Radiometer + CNF 4 Ventilation Unit • plug only, no cable	0369900-138