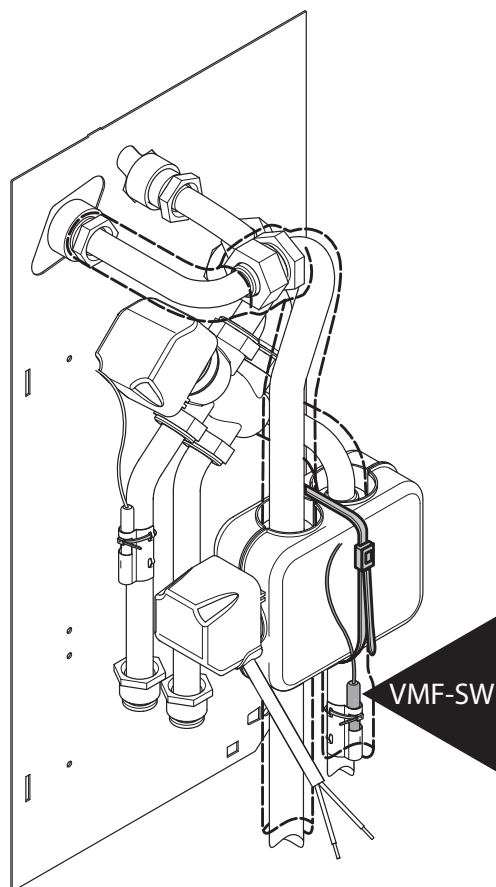


Sonda temperatura acqua
Water temperature probe
Sonde de la température de l'eau
Wassertemperatursonde
Sonda de la temperatura del agua

Variable Multi Flow

VMF

VMF-SW



CE



6209010

**Congratulations on your purchase of this Aermec VMF-SW accessory.
Made with superior materials, in strict compliance with safety regulations.**

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WARNING: The VMF-SW probes are accessories to be connected to the electronic boards used on fan coils. Please read the manuals of the fan coils and boards (if supplied as an accessory), and apply all precautions given for the electronic boards.

WARNING: the fan coil is connected to the power supply and water circuit. Operations performed by persons without the required technical skills can lead to personal injury to the operator or damage to the unit and surrounding objects.

WARNING Components sensitive to static electricity may be destroyed by voltages notably lower than those at the human perception threshold. These voltages form when you touch a component or electric contact of a unit, without first discharging accumulated static electricity from your body. The damage caused to the unit by an overvoltage is not immediately evident - it only appears after a certain period of operation.

STATIC ELECTRICITY ACCUMULATION

Any person not connected in a conductive manner with the electronic potential of his surrounding environment can accumulate electrostatic charges.

STANDARD PROTECTION AGAINST ELECTROSTATIC CHARGES

Earthing quality

When working with units sensitive to electrostatic electricity, ensure that people, workplaces and unit casings are correctly earthed. This will prevent the formation of electrostatic charges.

Avoid direct contact

Only touch the element exposed to electrostatic risk when absolutely essential (e.g. for maintenance).

Touch the element without coming into contact with either the contact pins or the wire guides. If you follow this rule, the energy of the electrostatic charges cannot reach or damage the sensitive parts.

Before taking measurements on the unit, it is necessary to discharge all electrostatic charges from your body: to do this, just touch an earthed metal object. Only use earthed measuring instruments.

MALFUNCTIONING

In case of malfunction, cut off power to the unit, then energise it again and restart the device. If the problem occurs again, call the local Aftersales Service immediately.

DO NOT PULL THE WIRES

It is highly dangerous to pull, crush or tread on the electric cables, or to fix them with nails or drawing pins.

A damaged power cable can cause short circuits and injure people.

WARNING: Avoid that the device is used by children or incapacitated persons without appropriate supervision; Also note that the unit should not be used by children as a toy.

TECHNICAL CHARACTERISTICS	
Connection	Connection to the SW connector of the VMF AERMEC series boards
Probe assembly	Up line from the valve
Probe characteristics	R25°C=10kohm
Operating temperature	-25°C...+100°C
Length	2500mm (+/- 10mm)

The probe meets all the technical requirements referred to by the IEC 60539-1:2002 standard

DESCRIPTION

VMF-SW

Probe accessory to read the water temperature in fan coils equipped with AERMEC VMF series electronic thermostat

The VMF-SW accessory is a water temperature detection probe to be used if the temperature of the water upstream of the valve (accessory) installed in the units needs to be read. The VMF-SW accessory can be applied to prepared fan coils (see compatibility in the fan coil documentation) or to fan coil with an VMF series electronic thermostat accessory (e.g.: VMF-E0; VMF-E1; VMF-E18; etc.).

The VMF-SW kit consists of:

- 1 Water temperature probe with 2500 mm cable and connector.
- 2 Cable glands D.15.5 mm.
- 1 Self-locking clamp L.98 mm.
- 1 Packaging
- 1 Installation instructions.

Installation

- Position the bulb on the delivery pipe upstream of the valve.
- Fix the probe bulb with the provided clamp.
- Apply the cable gland in the hole on the side of fan coil, in the valve side.
- Take the probe connector to the board of the thermostat via the cable glands on the sides. Arrange the cable so that it can not be cut, crushed, pulled, grazed and damaged in any way. The installer is responsible for its correct fixing.
- Connect the water temperature probe connector to the connector (SW) on the board.
- Configure the thermostat's electronic board for use with a water probe, set

the Dip Switches on the electronic card (see the thermostat manual).

Functions:

- The functions of the unit with water temperature probe are described in manuals of the fan coils or the thermostat accessories.
- In the event of a fault, do not attempt to repair the probe but contact the Aftersales Service.

DIP-SWITCH SETTING

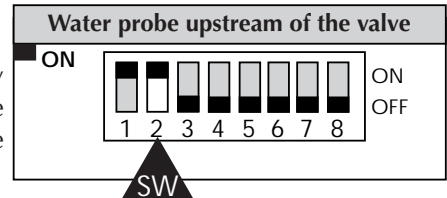
The probe must be enabled by the Dip-Switch located on the electronic board.

This operation should be carried out in the installation phase, by suitably trained and qualified personnel only.

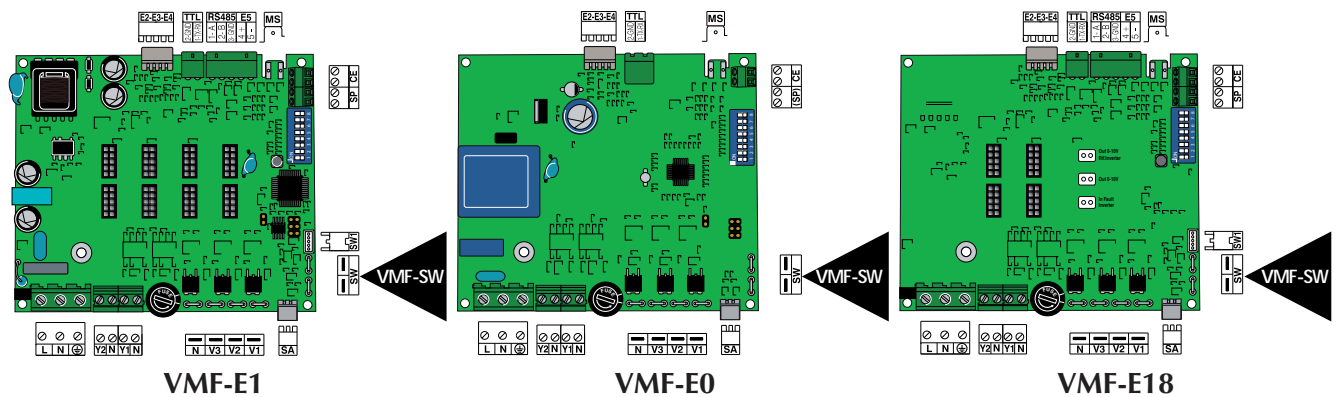
Dip-Switch setting:

- Turn off the power to the unit.
- The Dip-Switches are easily accessible on the side of the thermostat box, do not open the box.
- Dip-Switch 2 must be set to ON.

EXAMPLE:



CONNECTION TO THE ELECTRONIC BOARDS OF THE THERMOSTAT



The drawings represent the electronic boards of the thermostat; the connection of the

probe and the setting of the Dip-Switch do not require the opening of the protective box. The Dip-

Switches and connectors are easily accessible on the sides of the thermostat box.

I dati tecnici riportati nella presente documentazione non sono impegnativi.

AERMEC S.p.A. si riserva la facoltà di apportare in qualsiasi momento tutte le modifiche ritenute necessarie per il miglioramento del prodotto.

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