

Digital Climate Controller

The Master-5N is a main controller, to which simple 0-10V modules (e.g. triac or frequency controller) can be connected. The Master-5N enables through a 0-10V signal, continuous variable climate control, based on temperature. It offers the possibility to control a heater and an alarm. Minimum and maximum ventilation level is adjustable. The Master-5N is equipped with an bandwidth compensation and 2 programmable 0-10V output signals. One of the options is to connect several modules, to control and drive fans, transformers, winch motors and valves.

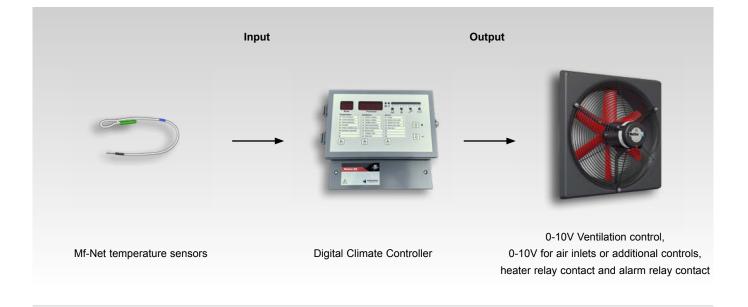


Benefits:

- Smooth fan operation
- Low initial investment
- Easy to install
- Easy to operate
- Applicable for both new and existing ventilation systems

Features:

- Multiple independently programmable 0-10V output signals
 for e.g. air inlets or external controllers
- Bandwidth compensation
- Heater relay contact
- Alarm relay contact
- Status read-out
- 2 Temperature sensors included
- "Empty room" function

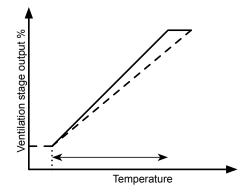




Specifications Master-5N

Definition	Min.	Туре	Max.	Notes
Controller type				Main controller
Mains supply	195 V	230 V	253 V	1~
Mains frequency	50 Hz		60 Hz	
Heater relay contact			2 A / 250 V	
Alarm relay contact	10 mA 12 VDC		2A 250VAC	
2 x 0 - 10 V output			10 mA	
Temperature sensor resistance		1K Ω (25 °C)		Moulded in plastic housing
Temperature display readout	-40 °C		50 °C	
Housing				IP54 Plastic housing
Weight (unpacked)		2 kg		
Dimensions (W x H x D)		267 x 225 x 104 mm		
Operational temperature	-10 °C		40 °C	
Storage temperature	-15 °C		50 °C	
Ambient relative humidity			95 %	

Control diagram



Why choose Vostermans Ventilation:

LOYAL TO YOU

RELIABLE

We care for your specific needs based on our long expertise. In close cooperation with you we secure your business outcomes.

Since our foundation in the Netherlands in 1952, we maintain our reputation as reliable partner. Our carefully selected global network of independent distributors strive to deliver you dedicated service and expertise.

FUTURE PROOF

Our future proof approach, which combines energy efficiency solutions with robust quality and rigorous testing, is based on a genuine commitment to serve as a trusted partner.

Vostermans Ventilation is a global developer and manufacturer of sustainable axial fans for the agricultural and industrial market. Sustainability is key for Vostermans. Their premium brandlines Multifan and EMI are showcasing the drive for advanced energy efficient fans. The company applies continuous innovation and research in their own motor production facility and in house state of the art R&D department. Vostermans Ventilation, part of Vostermans Companies founded in 1952, is based in Venlo, the Netherlands and operates in USA, China and Malaysia.



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