

Digital climate controller

The AEW-D10N is an electronic, variable 1-phase fan controller, based on indoor temperature. The controller offers options to adjust the control behavior as desired by setting parameters for bandwidth and ventilation.

The AEW-D10N can easily be expanded with other controllers from the MF net range, also allowing for the control of multiple fans.

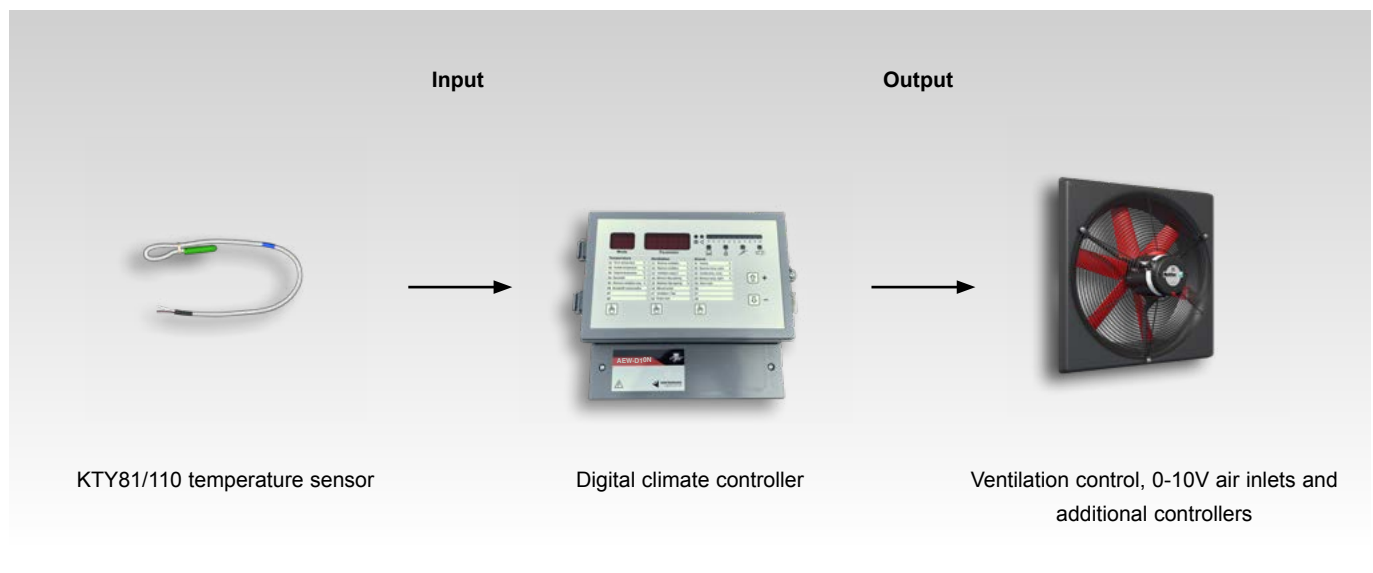


Benefits:

- Even fan speed
- Low investment costs
- Easy mounting
- Robust design
- Suitable for use in barns
- Easy to operate
- Can be used in new and existing ventilation systems

Features:

- Variable 1-phase fan TRIAC control (max 10 A)
- 0-10 V output signal for:
 - 1 or 2 fan controllers
 - vent control
 - heating
- Relay outputs for:
 - alarm
 - heating
 - adding the 2nd fan
- Integrated voltage and current protection
- Read out ventilation status
- Equipped with bypass switch
- Includes two temperature sensors for indoor and outdoor temperature
- Equipped with alarm relay output



KTY81/110 temperature sensor

Digital climate controller

Ventilation control, 0-10V air inlets and additional controllers



Specifications AEW-D10N

Definition	Min.	Type	Max.	Remarks
Type of controller				TRIAC control
Fuse (Fan output)		T 10 A		size 5 x 20 mm
Mains supply	196 V	230 V	253 V	1~
Mains frequency	50 Hz		60 Hz	
Fan output current	0 A		10 A	
Fan output voltage	55 V		230 V	
0-10V Output		0-10V / 10-0V		Max. 10mA
Bypass relay	12V, 10mA	Single-pole changeover contact	250 Vac, 2A	
On/Off heating relay	12V, 10mA	Single-pole changeover contact	250 Vac, 2A	
Alarm relay	12V, 10mA	Single-pole changeover contact	250 Vac, 2A	
Temperature sensor		KTY81/110 PTC		1KΩ at 25 °C
IEC61140 class		1		
Housing				IP54
Weight (unpacked)		2.0 kg		
Dimensions (l x w x h)		267 x 225 x 104 mm		
Operating temperature	-10 °C		40 °C	
Storage temperature	-15 °C		50 °C	
Relative humidity			95 %	Non-condensing

Why choose Vostermans Ventilation:

LOYAL TO YOU

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

RELIABLE

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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