



AEW 6.3

Digital Climate Controller

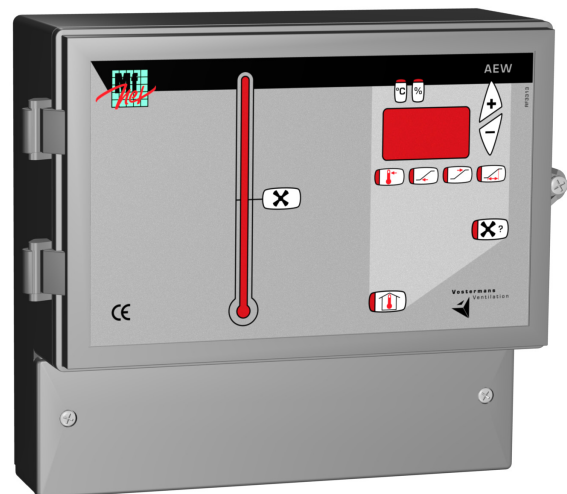
The AEW 6.3 enables continuous climate control by single-phase fan control based on temperature. It offers the possibility to adjust the bandwidth. Minimum and maximum ventilation level is also adjustable. The AEW 6.3 is equipped with a programmable 0-10V output signal. The AEW 6.3 can easily be expanded. One of the options is to connect multiple Trilink-2t controllers to drive and control additional fans.





Benefits

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

Features

- Continuous variable speed control for fans (max. 6,3 A)
- Independantly programmable 0-10V output signal for air inlets or additional controllers
- Built-in voltage and current protection
- Ventilation status read-out
- 100% override switch
- Temperature sensor included



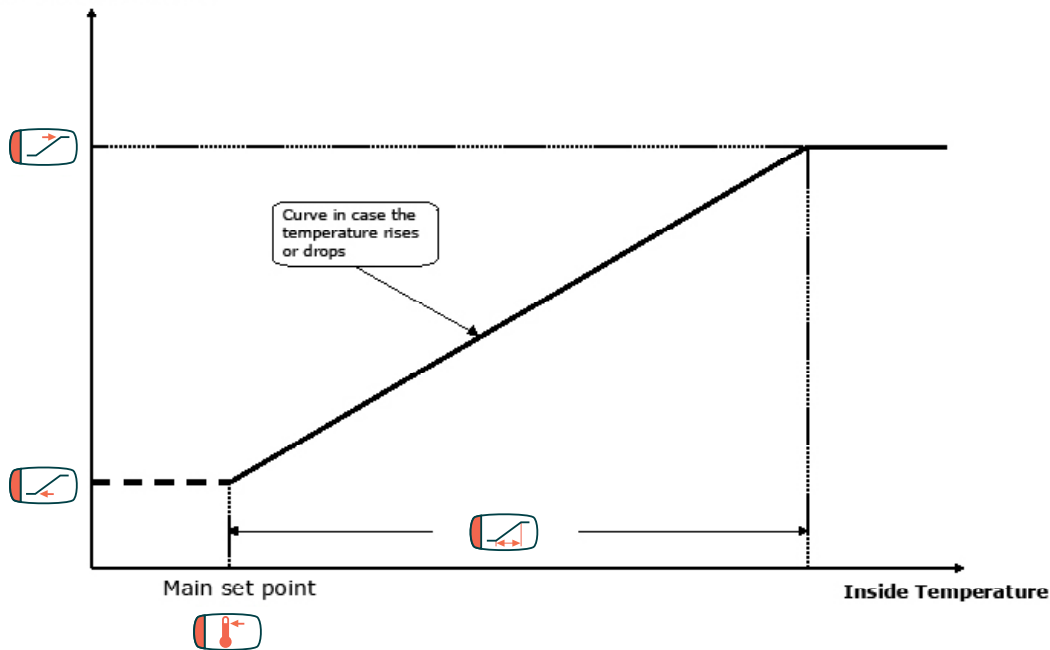
Inputs	Adjustments		Outputs
Temperature sensors	   	Set point <ul style="list-style-type: none"> • ventilation • 0-10V (air inlets) Minimum value <ul style="list-style-type: none"> • ventilation • 0-10V (air inlets) Maximum value <ul style="list-style-type: none"> • ventilation • 0-10V (air inlets) Bandwidth <ul style="list-style-type: none"> • ventilation • 0-10V (air inlets) 	Ventilation Control (6.3 A) 0-10 Volt for air inlets or additional controls

Specifications AEW 6.3

Definition	Min.	Typ.	Max.	Units	Notes
Controller Type					Triac controller
Fuse F1 (fan output)		6,3		A	FC, size 5 x 20 mm
Mains supply	207	230	253	V	Single-phase
Mains frequency	50		60	Hz	
Fan output voltage	70		230	V	
Fan output current	0,5		6,3	A	
0-10V output			30	mA	
Accuracy on variable outputs		±1		%	
Temperature sensor resistance		10K (25 °C)		Ω	NTC, moulded in plastic housing
Temperature display readout	-40		50	°C	
Accuracy on temperature reading		±1		°C	
Housing					IP54 plastic housing
Weight (unpacked)		1,7		kg	
Dimensions (W x H x D)		267 x 225 x 104		mm	
Operational temperature	0		40	°C	
Storage temperature	-15		50	°C	
Ambient relative humidity			95	%	

Control Diagram AEW 6.3

Ventilation Output (%)



Vostermans Ventilation developed the open modular system Mf-Net for various applications. Mf-Net is applied in agricultural and industrial market segments.



VOSTERMANS VENTILATION

Vostermans Ventilation B.V.
P.O. Box 3025
NL-5902 RA Venlo – Holland
Tel. +31 (0)77 389 32 32
Fax +31 (0)77 382 08 93
ventilation@vostermans.com
www.vostermans.com

Vostermans Ventilation S.A.R.L.
B.P. 1801
27018 Evreux Cedex
France
Tel. +33 (0)2 32 38 11 00
Fax +33 (0)2 32 33 37 12
ventilation@vostermansfrance.com
www.vostermans.com

Vostermans Ventilation Inc.
2439 S.Main St. – USA
Bloomington, IL 61704
Tel. +1 309 827 - 9798
Fax +1 309 829 - 1993
ventilation@vostermansusa.com
www.vostermansusa.com

Vostermans Ventilation Sdn. Bhd.
330, Lot 2593, Jln Seruling 59, Kws3,
Tmn Klang Jaya, 41200, Klang,
Selangor D.E., Malaysia
Tel. +60 (0)33324 3638 (HL)
Fax +60 (0)33324 1239
ventilation@vostermansasia.com
www.vostermans.com

Vostermans Ventilation B.V. develops, manufactures and distributes the full line of:

