

MFC

Accurate fan control

- Available in 6 different versions
- Simple rotary knob operation
- Fan voltage read-out
- Reliably maintains the preset temperature
- Internal fan voltage stabilisation
- In an emergency situation the mains voltage can be activated directly
- The series offers several extra functions that can be selected



MFC series

a fan controller for every situation

The MFC series features 6 different configurations so that the right fan controller is always available for you. The series is a simple and easy tool for keeping the climate in a house and the corresponding energy costs under control. The fans are controlled such that the preset temperature is maintained. Variations in mains voltage are compensated by the integrated internal stabilisation function. The mains switch with its bridging position switches the fans over directly to mains voltage in the event of a calamity. These technologies ensure a reliable series of fan controllers.

Technical specifications

Algemeen	MFC-6	MFC-12S	MFC-6V(A)	MFC-12V(A)	MFC-6VAD	MFC-12VAD
supply voltage	230Vac-50/60Hz	230Vac-50/60Hz	230Vac-50/60Hz	230Vac-50/60Hz	230Vac-50/60Hz	230Vac-50/60Hz
maximum load fan output	6A	12A	6A	12A	6A	12A
temperature range	5-40°C	10-40°C	10-40°C	10-40°C	10-40°C	10-40°C
heat sink	external	external	external	external	external	external
dimensions (mm) W	190	245	190	245	190	245
H	223	284	223	284	223	184
D	138	170	138	170	138	170
housing	ABS	ABS	ABS	ABS	ABS	ABS
Inputs / outputs						
temperature sensor	1	1	1	1	1	1
heating relay	X	230Vac/2A	230Vac/2A	230Vac/2A	230Vac/2A	230Vac/2A
aux. relay 2nd fan group	X	230Vac/2A	X	X	X	X
temp. fault relay	X	X	230Vac/2A	230Vac/2A	X	X

Different versions

of the MC-series

MFC I Controls ventilation according to a preset bandwidth. As is the case with all other controllers, the display shows the current house temperature, but you only have to press a button to bring up the current fan voltage

MFC-V-series I Available with a voltage free heating contact. You can use a rotary knob to set the point where heating is switched on and select the relevant symbol to keep the room free from frost.

MFC-VA-series I In addition to controlling ventilation and heating, these controllers also monitor the room temperature. The rotary knobs allow you to easily set the minimum and maximum temperature limits.

MFC-S-series I These controllers can control the fans in two groups. And just like the MFC-V series, they have a voltage free heating contact.

MFC-VAD-series I Has a unique minimum ventilation functionality. The fans are switched on and off according to a time-proportional minimum (duty cycle) as and when ventilation requirements decrease. These controllers also have a voltage free heating contact.

Stienen BE, Agri Automation

Stienen BE is a leading family company (1977) which has its roots in livestock farming. It is in our nature to be very close to our end users. We are a global supplier of innovative automation solutions for poultry and pig houses. Our climate solutions, automation systems, management software and the accompanying peripheral equipment are all developed and produced in-house.