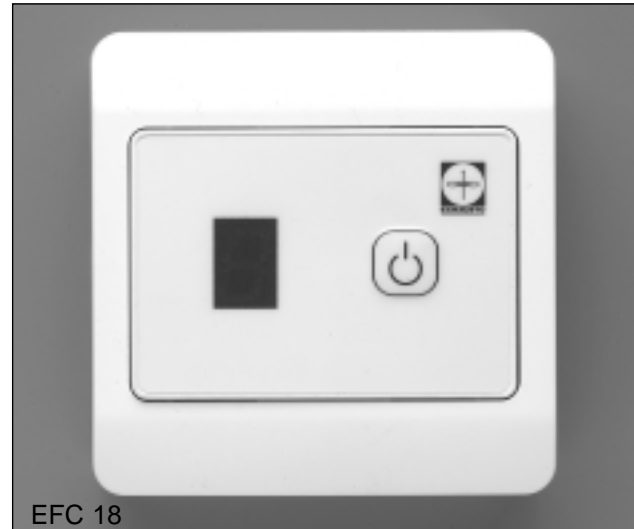
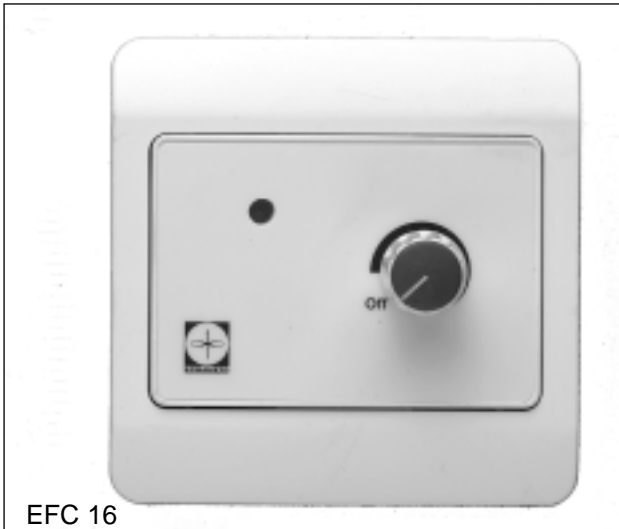


# Electronic Speed Control EFC16 and EFC18



## Description

EXHAUSTO electronic speed controllers EFC 16 and EFC 18 have been developed for infinitely variable speed regulation of EXHAUSTO chimney fans for 1 x 230 V supplies. The EFC 16 and EFC 18 are used with EXHAUSTO chimney fans for coal and wood burning fireplaces and stoves.

Outdoor wind and weather conditions and indoor ventilation systems often create down-draught problems. The infinitely variable speed regulation of the fan motor guarantees full control of the chimney draught.

Description	Data EFC 16	Data EFC 18
Height (mm)	85	85
Width (mm)	85	85
Depth (mm)	52	32
Running current (amps)	1,5A	1,2A
Fuse rating (amps)	T 1,6 A	T 1,25 A
Supply	230 VAC, 50 Hz	230VAC, 50 Hz
Working range		-50°C - 400°C
Operating temperature	0°C to 40°C	0°C to 40°C
Degree of protection	IP 30	IP 30
Material	ABS	ABS
Colour	White	White

## Function

EFC 16 is a manual speed control with an ON/OFF switch and an green light diode which indicates that the fan is running. The control unit has a minimum potentiometer for setting of the minimum fan speed during commissioning.

The EFC 18 can be used for automatically turning off the chimney fan when the fire has died out. A temperature sensor is installed just below the chimney fan. When the temperature decreases to below 40°C the chimney fan will automatically stop after a post purge period of 45 minutes. The EFC 18 can also be used for automatically starting the fan. If not started manually the fan will always start when the temperature gets above 40°C.

To ensure sufficient up-draught when lighting the fire the fan will run full speed for the first 7 minutes unless turned down manually. After the start up period the fan will modulate down to the speed it was running at last time it was in operation.

If more fuel needs to be added whilst the fire is burning the fan speed can be increased to full for 3 minutes by a single touch on the control panel.

The fan speed can always be adjusted manually during operation, but the temperature sensor will prevent the fan from being turned off while the fire is still burning and thereby avoiding damage to the fan motor and also eliminating the risk of spillage.

EXHAUSTO controls are supplied with a 2 year warranty.

EXHAUSTO is certified according to ISO 9001.