

EFC25-EU-01

Automatic control



EXHAUSTO

FOR A BETTER FLOW



EFC25 - Product Information

Description

EXHAUSTO controller EFC25 with remote control has been developed for use with EXHAUSTO chimney fans or wall fans. The control system EFC25 has been developed for use only with gas fireplaces with flame detection devices and automatic ignition. The control system supervises the fail-safe function and integrates with the fireplace control by means of two relays. There is no solenoid output from EFC25. The control system supervises the fail-safe function. In case of insufficient chimney draught, the EFC25 will shut down the fireplace.

The control system is developed to meet BS 5440: Part 1 (2000), BS 6644 (1991), Gas Appliance Directive 90/396/EEC, EN298 (1993) and other relevant European standards.

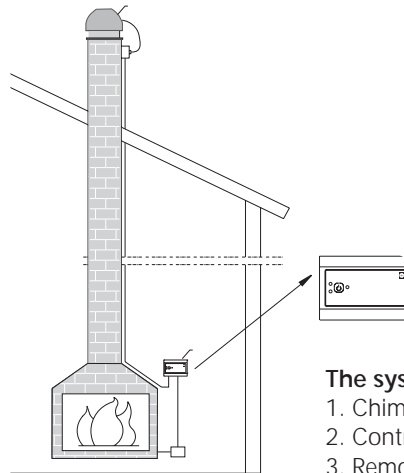
Function

By activating the remote control the chimney fan will immediately start up on full speed. When the fail-safe supervision confirms sufficient chimney draught, the fireplace will be lit and the fan speed will adjust to the preset value set during commissioning.

The remote control can also be used to switch between high and low flame where applicable and to adjust the fan speed, when the fan is used for ventilation purposes.

The controller has a step-up function and a 15-second built-in delay function to avoid nuisance cut-outs.

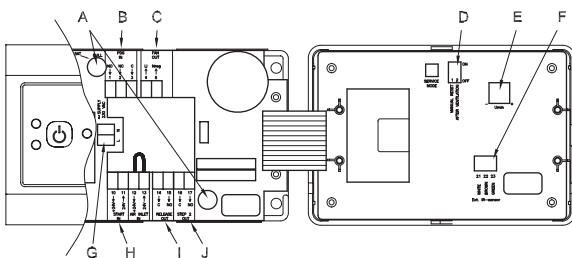
When EFC25 is turned off, the chimney fan stops. It is possible to preset an after-ventilation period of 3 minutes. The step-up function is part of the fail-safe system. Should the draught fail during normal operating conditions: the controller will increase the fan speed to compensate. This usually occurs on days that are windier than the commissioning day. If sufficient draught cannot be re-established, then the EFC25 will shut down the fireplace.



The system consists of:

1. Chimney fan
2. Controller EFC25
3. Remote sensing eye (optional)

EFC25 - Technical Data



Height (mm)	85	Supply (G)	230V +/- 10%, 50 Hz
Width (mm)	126	Input for external on/off switch (H)	24V DC (Closed circuit supply)
Depth (mm)	32	Release out Relay (I)	Max. 3A 230V AC / 3A 30V DC (Fused: 3.15AT)
Fuse rating (amps) (A)	3.15 A T	Release step 2 Relay (J)	Max. 5A 230V AC / 5A 30V DC
Fail safe (B) Pressure differential switch (PDS)	24V DC (Closed circuit supply)	Operating temperature	-10°C to 40°C
Output to chimney fan (C)	1.8A / 230V (AC 3)	Degree of protection	IP 30
Dipswitch options (E)	<ul style="list-style-type: none"> • Manual reset • After ventilation 3 min. period 	Material	ABS
Set-point running speed (F)	Potentiometer on PCB	Colour	White
Socket for external IR-sensor (F)	Option: IR-sensor with 10 meter cable [p/n 0501014]	CE-Approval No.	0063BN1144 based on EN298 (1993)

EXHAUSTO controls are supplied with a 2 year warranty. EXHAUSTO is certified according to ISO 9001.

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