

# EXHAUSTO

## Fan Control EFC 211

### Use

The EXHAUSTO EFC 211 Fan is used with wood-fired heating appliance where it monitors and maintains a proper draft. This is achieved by maintaining the proper speed of a chimney fan and is designed specifically for use with an EXHAUSTO Model RS or GSV.

Typical uses are: 1) Controlling speed of a chimney fan used with a wood-fired fireplace or stove or , and 2) Controlling the speed of a chimney fan used with a wood-fired pizza-oven in a restaurant kitchen. For indoor installation only.

### Description

The EFC211 consists of a control box and a speed control unit. The control box is installed on the outside of the chimney or inside an attic. The speed control unit is installed in the room where the heating appliance is located.

The speed control should be set to produce the desired fan speed or draft. The chimney fan starts with a 15 seconds boost to assure proper fan operation. At the same time the green LED on the control panel will flash. After the 15 seconds the chimney fan will continue to operate at the set speed.

During operation the fan speed can be adjusted using the dial, which is also used to turn the fan on and off. If the signal is too low, the control will briefly increase the fan speed. This can be noticed as a brief noise coming from the chimney fan.

If the signal remains inadequate, the fan speed will increase to max. speed for 15 seconds. During this time the green LED will flash – as it does during start up. If the fan speed is adequate the chimney fan will continue to operate at the set speed.

A green LED flashing during normal operation (after start-up) is an indication that the minimum current in the power supply is set too low for the fan to operate. The factory setting for the motor power supply is 65VAC.



If the red LED flashes and buzzer sounds, it can be caused by: blocked flue or defective chimney fan, disconnected thermo-couple, or disconnected power supply. The control can be reset, and the alarm turned off, by pressing the reset button for 1-2 seconds.

When used with a solid-fuel fired appliance and smoke detector and alarm shall be installed and maintained in accordance with NFPA72, National Fire Alarm Code.

### Material

The control is mounted on a 4"x4" standard junction box steel cover and is designed for installation in a standard 4"x4" weatherproof junction box. The fan speed control unit is designed for installation in a regular indoor 2"x4" wall box.

### Listings

ETL listing # E109205550D  
 UL378 – Standard for Safety Draft Equipment  
 CSA B255-M81-CAN3 - Mechanical Flue-Gas Exhausters  
 Complies with NFPA211 Standard for Solid-fuel Chimneys and Fireplaces.  
 CE compliant  
 Manufactured at ISO9001 certified plant

### Warranty

2 year factory warranty

### Specifications

EFC 211 Control Box		
Power supply	V	1x120VAC
Amperage	A	5.8
Operating temperature	°F/°C	-4 to 104/-20 to 50
Dimensions	A in/mm	4.56/116
	B in/mm	4.56/116
	C in/mm	1.00/25
Weight	lbs/kg	1.3/0.6
EFC 211 Speed Control		
Power supply	V	1x120VAC
Amperage	A	5.8
Operating temperature	°F/°C	-4 to 104/-20 to 50
Output	VAC	10-120
Dimensions	D in/mm	2.73/69
	E in/mm	4.44/113
	F in/mm	0.50/13
	G in/mm	1.00/25
Weight	lbs/kg	1.3/0.6

