

# 150

# FLUEBOOST

f l u e b o o s t 1 5 0



The flueboost is a box shaped unit with in line spigots for the flue connection, a pressure switch to ensure safe operation, all within a compact package.

H E L P L I N E

# 01565 755599

# 150

## FLUEBOOST 150

### Flueboost Installation and Technical Specification



#### CAPACITY AND RANGES

It will handle flue gases at up to 200 Deg.C and boilers with heat outputs up to 150,000 Btu/h; 44Kw/h, dependant on size and length of flue. (Normal secondary flue temperatures of the average gas appliance working at 75% efficiency are 180 Deg.C with a CO<sup>2</sup> at 5%)

#### GAS FIRE CONVERSION

This unit can be converted for gas fires by use of a factory fitted circuit board which has no pre purge. Please contact Flueboost if this option is required.

#### MOTOR COOLING

The motor is fixed speed and has an external rotor with secondary cooling impeller, Class F windings and maintenance free sealed ball bearings with adequate lubrication to ensure reliable operation for many years.

#### CONNECTIONS

The unit is supplied with a 4 core type 'yy' cable. The cores are numbered 1 to 3 and yellow/green. No.1 is live, No.2 is neutral and No.3 is switched live at 220/240volt.

#### PRESSURE SWITCH

The pressure switch has contacts which close with airflow and open if flue becomes blocked or fan failure.

#### TIME DELAY

The fan has a built in pre purge period of 30 seconds. This is to purge the appliance of any gases before boiler ignition. Gas fire models have no pre purge.

#### INSTALLATION AND MAINTENANCE

Full instructions on installation and operating come with the unit. If service or repairs are required the working parts can be removed as a sub assembly without disturbing the main case.

#### FINISH

The unit is constructed from mill finish grade 304 stainless steel.

#### ELECTRICAL DETAILS

230 Volt; Single Phase; 40watt.

Starting current 1.2 Amp.

Running current 0.18 Amp.

Unit fuse in control unit.

#### WEIGHT

6.2 Kg.

#### SOUND LEVEL

Less than 70dBa at 1 Metre.

Note: This appliance must have a draught diverter or draught stabiliser fitted within the primary flue section.

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