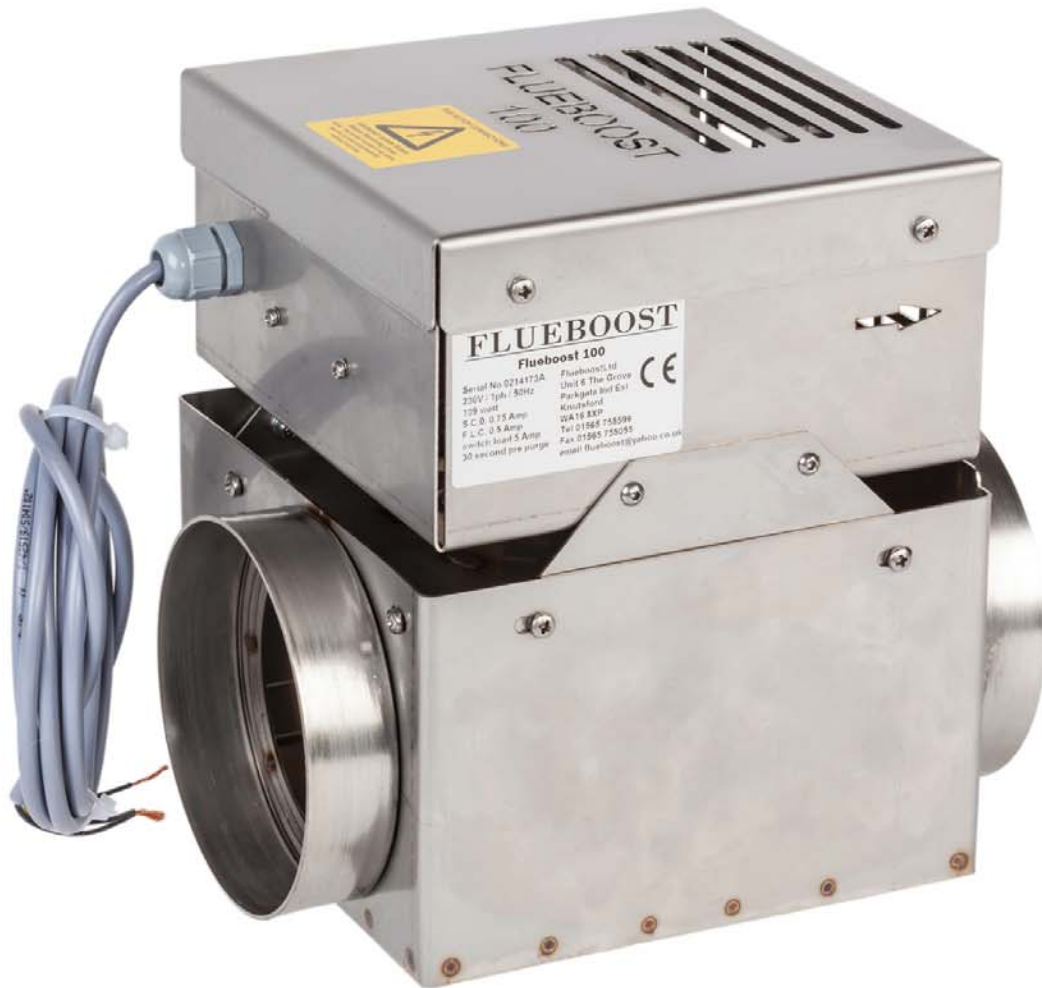


100 FLUEBOOST

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



The flueboost is a box shaped centrifugal fan 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

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FLUEBOOST 100

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 100,000 Btu/h; 30Kw/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 CO² at 5%)

MOTOR COOLING

The motor is fixed speed and has an centrifugal rotor with secondary cooling impeller, Class H 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; 109watt.
Starting current 0.75 Amp.
Running current 0.5 Amp.
Unit fuse in control unit.

WEIGHT

5.5 Kg.

SOUND LEVEL

Less than 70 dBA at 1 Metre.

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

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