

# 350 FLUEBOOST

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

H E L P L I N E

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# 350

## FLUEBOOST 350

### Flueboost Installation and Technical Specification



#### CAPACITY AND RANGES

It will handle flue gases at up to 300 Deg.C and boilers with heat outputs up to 350,000 Btu/h; 102Kw/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%)

#### MOTOR COOLING

The motor is variable speed and has an centrifugal 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

A plug-in electrical connector is supplied. This is multi-pin fitted with a five core colour coded lead:

Brown-permanent live; Blue-permanent neutral; Green and Yellow-earth; White-switch live from thermostat to fan (dashed line in diagram); Black-switched live from fan to boiler.

#### 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 variable pre-purge and post-purge periods of approx. 30secs. to 3 minutes. This is to purge the appliance of any gases before ignition and after the boiler shuts down. Gas fire models have no pre or post-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; 115watt.

Starting current 1.0 Amp.

Running current 0.44 Amp.

Unit fuse on control unit P.C.B.

#### WEIGHT

11.6 Kg.

#### SOUND LEVEL

Varies with speed of fan. Details on request.

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

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