

## BOILER HOUSE MODELS

Boiler House models are supplied with a factory-fitted blue insulated jacket and dual thermostat. They incorporate all the advantages of efficiency and serviceability associated with the Kitchen/Utility models and are intended for garage or outhouse installations.



## WATER CONNECTIONS

The Kitchen/Utility and Boiler House models up to 90,000Btu/h have a choice of 2 x flow and 2 x return connections, all 1" BSP, whereas the 90/120 models have 4 x 1 1/4" tappings. All models are suitable for gravity primary, or fully pumped applications. The 50/90 System boiler has a choice of 2 x 1" BSP return connections and a 22mm push-fit copper connection for the heating flow which can be piped to the left, or right of the boiler. The 90/120 System Boiler has 2 x 1 1/4 BSP return connections and a 28mm heating flow. Both appliances also have a 15mm copper push-fit connection for the pressure relief valve and a 15mm 'compression' connection for the cold mains filling loop. These appliances are designed for fully pumped applications only.

In accordance with our policy of continual improvement, we reserve the right to amend specifications without prior notice. Manufactured under I.S. EN ISO 9001. Approved to OFS A100 (EN303 part 4). Complies with the EC Low Voltage and Electromagnetic Compatibility and Boiler Efficiency Directives. © Euroflame is a Registered Trade Mark of Grant Engineering Limited. SEDBUK stands for 'Seasonal Efficiency of Domestic Boilers in the UK'.

## FUEL

All models incorporate Riello pressure jet burners for use on standard grade kerosine - Class C2. The burners can be reset on commissioning to operate on Class D gas oil, but only for conventional flue applications of 70,000 Btu/h output and above.

It is important that your fuel supplier is advised to deliver the correct grade of fuel.

## INSTALLATION

Installation must comply with the current British Standards and Building Regulations. Comprehensive technical information can be found in the installation manual which is supplied with every boiler.

## GUARANTEES

The unique heat exchanger on the Euroflame boiler is covered by a 5-year guarantee. All other component parts of the boiler are guaranteed for 2 years from the date of purchase, subject to being installed in accordance with the manufacturers instructions. There is also an optional 3-year extended warranty scheme available. On completion of the installation all Euroflame boilers should be commissioned and the guarantee registration form returned to Grant UK.

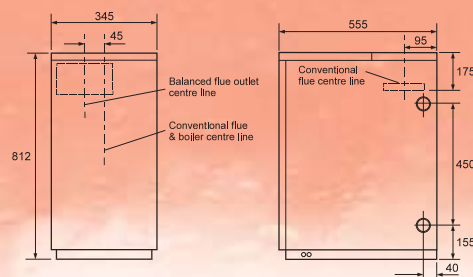
## SERVICE ACCESS

Euroflame boilers require top service access for routine annual maintenance and when installed under fixed worktops. A removable section must be provided.

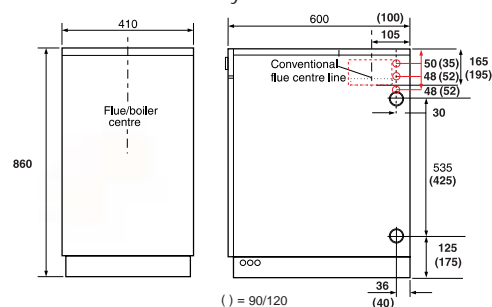
## AFTER SALES SERVICE

For peace of mind, all Grant central heating boilers are backed by a national network of service engineers. In the unlikely event of a problem occurring, your installer should telephone our Customer Service Department on: 0870 7775553.

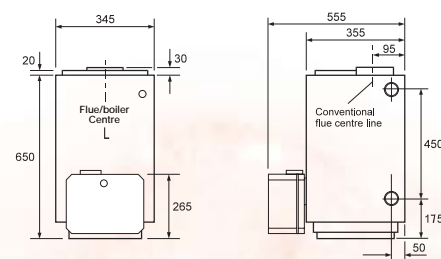
The Euroflame 50/70 Kitchen/Utility Model dimensions



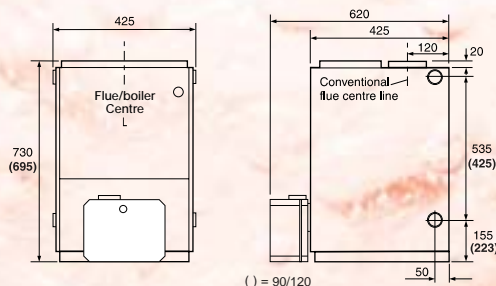
The Euroflame 70/90 & 90/120 Kitchen/Utility and 50/90 & 90/120 Sealed System Model dimensions



The Euroflame 50/70 Boiler House Model dimensions



The Euroflame 70/90 & 90/120 Boiler House Model dimensions



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**GRANT** UK

# EUROFLAME<sup>®</sup> RANGE

Euroflame Kitchen/Utility Range  
Euroflame Boiler House Range  
Euroflame Sealed System Range

**ECONOMICAL PRESSURE  
JET OIL-FIRED BOILERS  
FOR BALANCED OR  
CONVENTIONAL FLUES**



- Designed for efficiency (93% nett) SEDBUK 'C' 85.2–85.3% gross
- Whisper-quiet operation
- Five [white cased] Utility and three [blue-cased] Boiler House models available
- Kitchen/utility and system models designed to fit under standard height worktops
- Outputs from 50–120,000 Btu/h
- All white cased Euroflame models are suitable for kitchen or utility room installations
- Extremely compact design
- Now available with the new EZ-FIT low level, high level and vertical flue systems
- Suitable for conventional flue
- Fitted with Riello Burner
- 5 year guarantee on boiler heat exchanger

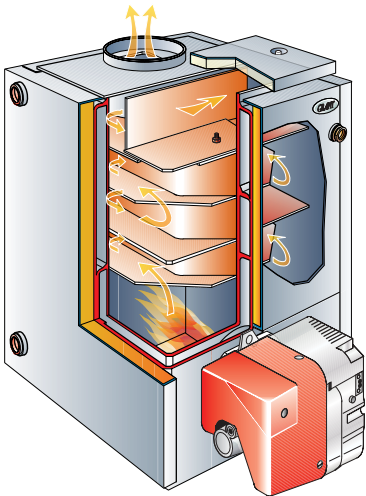


**GRANT<sup>UK</sup>**  
OIL FIRED BOILERS

## GREATER EFFICIENCY

The Grant Euroflame Range has been designed and tested to comply with the OFTEC Standard OFS A100 (EN 303 part 4) and meets the requirements of the new European Boiler Efficiency Regulations with a highly efficient heat exchange operation achieving around 93% nett thermal efficiency.

The Euroflame's unique system of internal baffles force the hot gases to travel up to 8½ feet (2.6 metres) on 50/70 models, 11 feet (3.5 metres) on 50/90 and 21 feet (6.4metres) on 90/120 models. These designs vastly increase the heat absorbed by the water jacket, improving efficiency and providing highly cost effective central heating and hot water.



The flue gas path, showing the stack of four baffles that force the hot gases along a path of eleven-feet through the Euroflame 70/90 boiler, which gives it such outstanding efficiency.

## LESS HARM TO THE ENVIRONMENT

With its high efficiency, low NO<sub>x</sub> emissions and clean combustion, the Euroflame is probably one of the most environmentally-friendly oil-fired central heating boilers you can buy.

Installing a Grant boiler can also save money as the higher efficiency means you will burn less fuel, making it more economical to run.

## THE EUROFLAME RANGE

There are eight 50 – 120,000 Btu/h Euroflame models to choose from which include three (white cased) kitchen/utility models, three (blue cased) boiler house models and two white cased Sealed System models.

### KITCHEN/UTILITY MODELS

Kitchen/utility models have an attractive durable powder coated white casing and are supplied with a concealed factory-fitted control panel, which incorporates the boiler thermostat, high limit thermostat and mains on/off switch with neon indicator. The 50/70 model will fit 'inside' a standard kitchen unit – subject to meeting the installation guidelines, whereas the 70/90 & 90/120 models are designed to fit under standard height worktops – subject to leaving access for servicing. All models are suitable for use on sealed central heating systems.

### KITCHEN/UTILITY SYSTEM RANGE MODELS

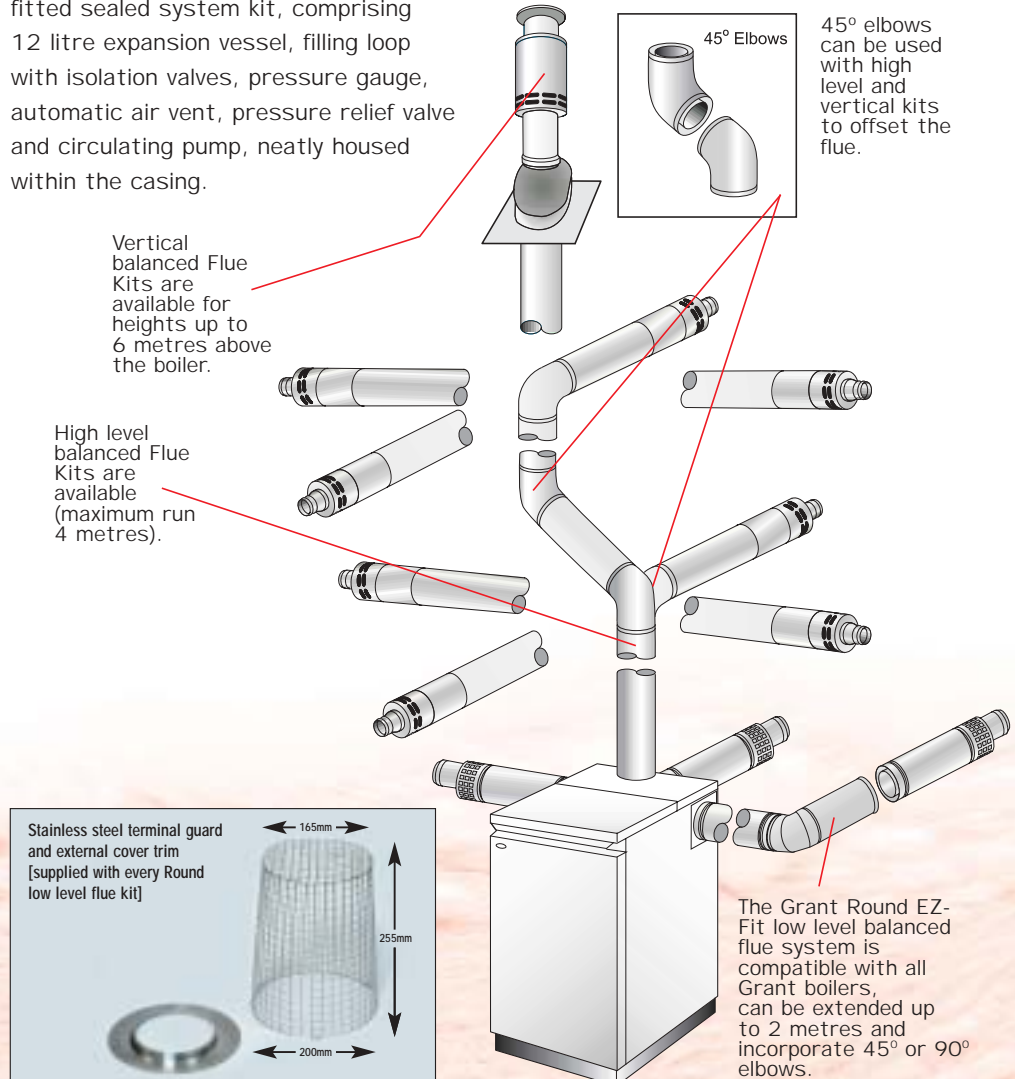
Kitchen/utility Sealed System models also have a powder coated white casing and are supplied with a concealed factory-fitted control panel and factory-fitted sealed system kit, comprising 12 litre expansion vessel, filling loop with isolation valves, pressure gauge, automatic air vent, pressure relief valve and circulating pump, neatly housed within the casing.

## EZ-FIT FLUE

All Euroflame boilers up to 90,000Btu/h are designed to be used with a 100mm [4"] diameter conventional flue, whereas the 90/120 models require a 125mm [5"] diameter conventional flue. They can also be installed with any of Grant's new **Round 'EZ-FIT'** multi-directional low level balanced flue kits, which feature self-sealing ducts, vastly cutting down on installation time. The new kit incorporates an extremely small stainless steel terminal guard, is designed to be less obtrusive and can be installed using a core drill. High level and vertical EZ-Fit balanced flue kits and optional 45° and 90° elbows are also available. For full details of all flue options please consult Grant's latest Retail Price List or ask for our comprehensive flue guide.

## THE ADDED BENEFITS OF GRANT BALANCED FLUE BOILERS

At Grant, we have developed a low level external balanced flue terminal that is not adversely affected by strong winds. Another notable feature is the sealed burner, making Grant balanced flue boilers exceptionally quiet in the kitchen environment.



Vertical balanced Flue Kits are available for heights up to 6 metres above the boiler.

High level balanced Flue Kits are available (maximum run 4 metres).

Stainless steel terminal guard and external cover trim [supplied with every Round low level flue kit]

The Grant Round EZ-Fit low level balanced flue system is compatible with all Grant boilers, can be extended up to 2 metres and incorporate 45° or 90° elbows.

## Euroflame Kitchen/Utility 50/70 Model

- 1 Factory fitted Control Panel
- 2 Boiler on/off switch with neon indicator
- 3 Boiler thermostat
- 4 Overheat thermostat
- 5 High level of insulation for quieter operation
- 6 Rigid case construction
- 7 Riello RDB Burner
- 8 Flexible air duct
- 9 Multi-directional fluing



## Euroflame Kitchen/Utility 50/90 & 90/120 Sealed System Models

- 1 Boiler on/off switch with neon indicator
- 2 System pressure gauge
- 3 Boiler thermostat
- 4 Overheat thermostat
- 5 Factory fitted Control Panel
- 6 High level of insulation for quieter operation
- 7 Rigid case construction
- 8 Riello RDB Burner
- 9 Flexible air supply tube
- 10 Lock-out button
- 11 Circulating pump
- 12 Filling Loop

