

CLEARANCE FOR BALANCED FLUES

Ref	Position	mm
A	Below a gutter or sanitary pipework	*600
B	Horizontally from a door	600
C	Above ground or balcony level	300
D	Below gutters, eaves or balcony (without protection)	*600
E	From internal or external corner	**300
F	From a terminal facing a terminal	1200
G	From a surface facing a terminal	600
H	Vertical from terminals on the same wall	1500
I	Horizontal from terminals on the same wall	***750
J	Below an opening, airbrick, window etc.	600
K	From vertical sanitary pipework	300
L	Vertical flue from wall	750
M	From oil tank	1800

Note: *75mm with protection

Note: **600mm for Outdoor Modules

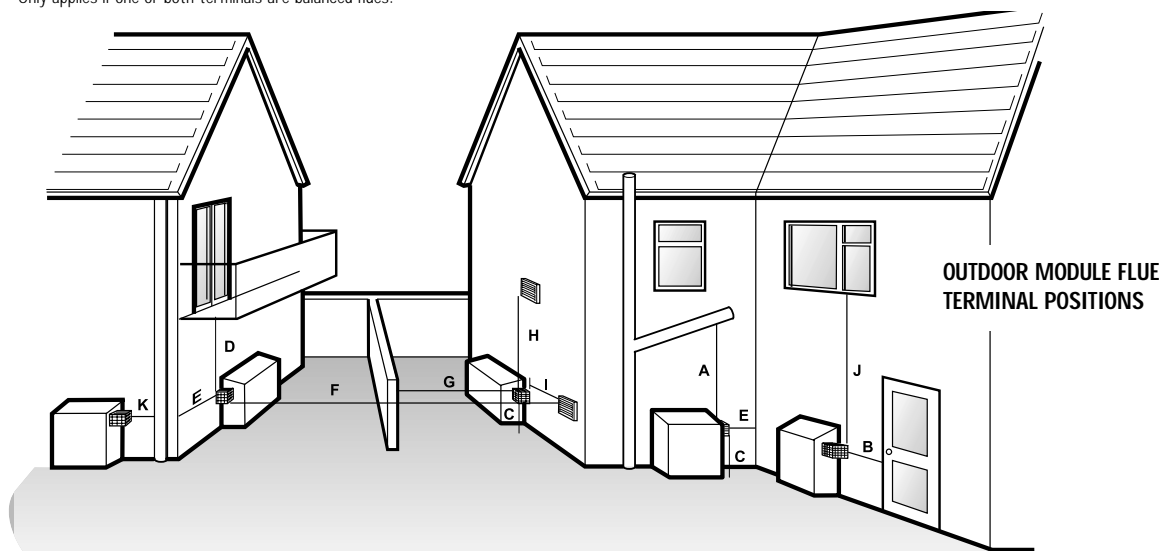
Note: ***Only applies if one or both terminals are balanced flues.

Distance measured to rim of terminal.

Clearances advised by Grant Engineering (UK) Ltd. in accordance with British Standards and Building Regulations.

The Terminal should be positioned so as to avoid products of combustion accumulating in stagnant pockets around the building or entering into buildings. Care should also be taken that the plume from a condensing flue does not cause a nuisance.

1. An opening means an openable element, such as a window, or a permanent opening such as a permanently open air vent.
2. Notwithstanding the dimensions given, a terminal should be at least 300mm from combustible material. eg. a window frame.
3. A way of providing protection of combustible material would be to fit a heat shield at least 750mm wide.



This leaflet is accurate at the time of printing but as Grant UK has a policy of continual improvement it may be superseded. We reserve the right to amend specifications without prior notice. The statutory rights of the consumer are not affected. All products manufactured under I.S. EN ISO 9001.

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GRANT EZ-FIT FLUE GUIDE

UNIVERSAL EZ-FIT FLUE SYSTEMS
TO SUIT OIL BOILERS FROM THE
GRANT **STANDARD** OR **CONDENSING**
BOILER RANGES

HOW TO USE THIS GUIDE

Follow the simple colour code below to locate
your preferred EZ-Fit Flue option.

RED BOXES

All boiler outputs
up to 26kW
(90,000Btu/h)

BLUE BOXES

All boiler outputs
above 26kW
up to 58kW
(200,000Btu/h)

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and accessories

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Internal vertical balanced flue kits and
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Conventional flexible flue kits and
accessories

Design Service for modular
conventional flue systems, ie two or
more boilers linked to a single flue
header

Page 12 **Guide to flue clearances**



ROUND LOW LEVEL BALANCED FLUE SYSTEMS

Stainless Steel

LOW LEVEL EZ-FIT FLUE **YELLOW SYSTEM**

Grant's latest range of EZ-Fit flue Systems have been developed to make the installation of Grant boilers both quick and simple, whilst ensuring trouble free operation – even in the most exposed site conditions.

REDUCES INSTALLATION TIME

The round low level kits feature self-sealing ducts requiring no silicone or tape for joints, and the unique quick-fit clamp arrangement ensures a perfect seal every time. In fact, the new telescopic flue system requires only two simple operations to complete the installation. The kits are compatible with all Grant boilers, (except Outdoor Modules) including condensing models.

THE GRANT FLUE TERMINAL

The flue terminal has a compact design, making it ideal for installations where the visual appearance is important. The new cone design reduces the possibility of condensate, produced in the combustion process, staining external wall surfaces or patio slabs.

BOILER HOUSE MODELS

Grant EZ-Fit round low level balanced flue kits are also compatible with all Grant boiler house models. An Adaptor Kit, **Part No. EZAS** is supplied with the burner. This kit contains a snorkel tube and a spring clip.

EXTENSION KITS

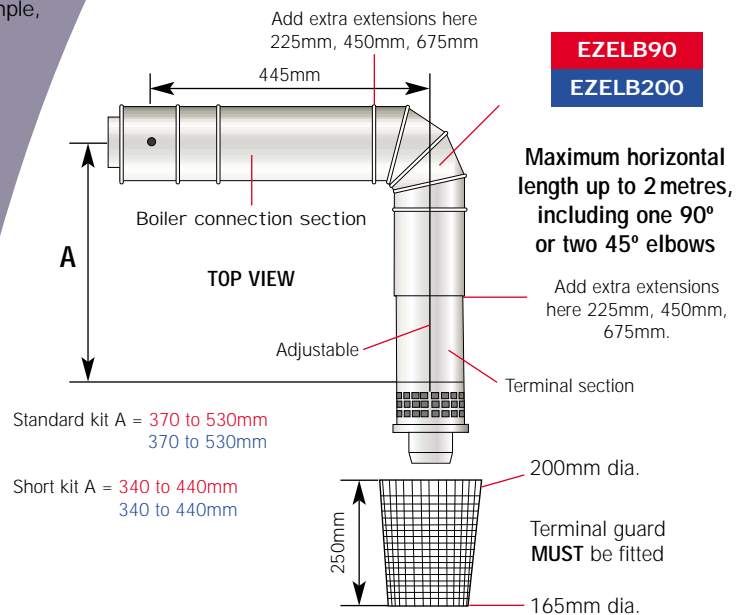
The flue kits are telescopic and available in short or standard options. For wall thicknesses greater than shown, three extensions are available which extend the flue by 225mm, 450mm or 675mm. 90° and 45° elbows are also available to give a greater degree of flexibility when siting the boiler.

LOW LEVEL BALANCED FLUE HOLE CUTTING DIMENSIONS

MODEL	DIMENSIONS [mm]		
	A	B	C
Euroflame Kitchen/Utility models 50/70	718	85	127
Euroflame Kitchen/Utility 70/90 & 50/90 System	769	105	127
Euroflame Kitchen/Utility models 90/120 & System	735	115	162
Euroflame Boiler House Models 50/70	748	95	127
Euroflame Boiler House Models 70/90	796	120	127
Euroflame Boiler House Models 90/120	783	126	162
Multi Pass Kitchen & System Models 50/70, 70/90	756	125	127
Multi Pass Kitchen & System Models 90/140	950	130	162
Multi Pass Kitchen Models 140/160, 160/200	1065	155	162
Multi Pass Boiler House Models 70/90	754	150	127
Multi Pass Boiler House Models 90/140	984	130	162
Multi Pass Boiler House Models 140/160, 160/200	1063	155	162
Vortex Condensing Models 15/26	768	115	127
Vortex Condensing Models 26/36, 36/46	780	115	162
Combi Models 70 and 90	756	115	127

NOTE: Core drill sizes – Models up to 26kW [90,000Btu/h] **127mm**. Models 26 to 58kW [90-200,000Btu/h] **162mm**.

LOW LEVEL FLUE KIT WITH 90° ELBOW EXTENSION ADDED

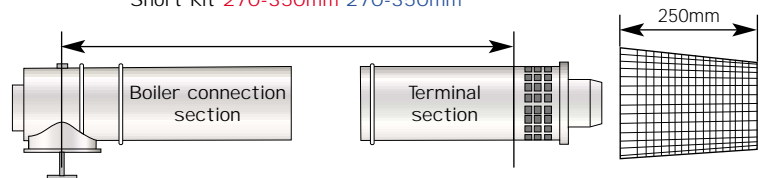


LOW LEVEL FLUE KITS [STAINLESS STEEL]

Standard Flue Kit	EZ90	Short Flue Kit	EZ90S
	EZ200		EZ200S

NOTE: For Boiler House models, air supply kit part No. **EZAS** is supplied with boiler.

Standard Kit 370-550mm 370-550mm
Short Kit 270-350mm 270-350mm



Contents of low level flue kit:

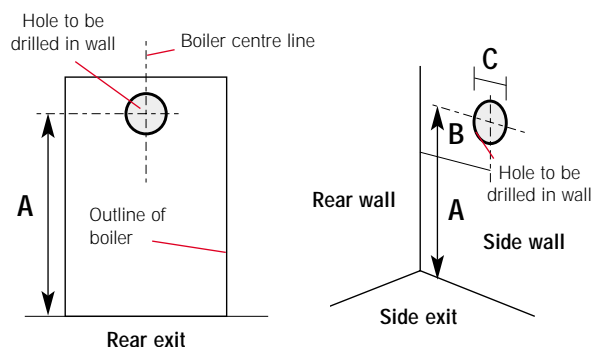
Boiler connector section
Terminal section
Stainless steel flue guard

Dress plate (not shown)
Plugs and screws
Fixing clamp and gasket

Side outlet cover trim (not shown)
Lubricant (not shown)
Snorkel clamp (not shown)

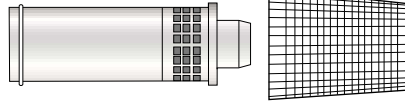
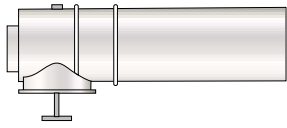
Note: Dimension 'B' is given with the boiler pushed back against the rear wall. Any clearances must be added to 'B'.

Note: Flue diameters:
123mm
152mm



ORDER PART REFERENCE GUIDE

LOW LEVEL BALANCED FLUE KITS

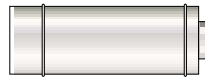


Standard Flue Kit	EZ90	Models up to 26kW
	EZ200	Models 26 - 58kW
Short Flue Kit	EZ90S	Models up to 26kW
	EZ200S	Models 26 - 58kW

LOW LEVEL BALANCED FLUE EXTENSIONS

IMPORTANT

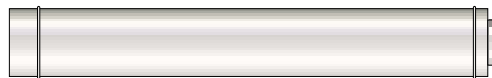
FLUE EXTENSIONS CANNOT BE CUT. YELLOW SYSTEM EXTENSIONS ARE FOR HORIZONTAL USE ONLY AND CANNOT BE USED VERTICALLY WITH GREEN, ORANGE OR WHITE SYSTEM COMPONENTS.



Extension 225mm	X90S	Models up to 26kW
	X200S	Models 26 - 58kW



Extension 450mm	X90M	Models up to 26kW
	X200M	Models 26 - 58kW



Extension 675mm	X90L	Models up to 26kW
	X200L	Models 26 - 58kW

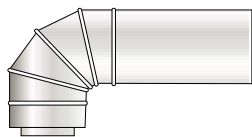
IMPORTANT

HORIZONTAL LENGTHS UP TO 2 METRES CAN BE ACCOMMODATED, INCLUDING ONE 90° OR TWO 45° ELBOWS.

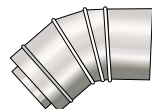
LOW LEVEL BALANCED FLUE ACCESSORIES

IMPORTANT

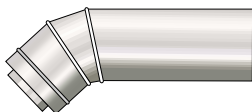
EXTENDED ELBOWS ALLOW TELESCOPIC ADJUSTMENT FOR EXTENSIONS OR TERMINAL SECTIONS.



90° Elbow Kit	EZELB90	Models up to 26kW
	EZELB200	Models 26 - 58kW



45° Elbow Only	EZ45/90S	Models up to 26kW
	EZ45/200S	Models 26 - 58kW



45° Elbow Kit	EZ45/90	Models up to 26kW
	EZ45/200	Models 26 - 58kW

EXTERNAL HIGH LEVEL/VERTICAL FLUE SYSTEMS

Stainless Steel

HIGH LEVEL/VERTICAL

EXTERNAL EZ-FIT FLUES GREEN SYSTEM

Grant's range of EZ-Fit Flue Systems have now been extended to include 'external' high level and vertical options, which are fully compatible with all Grant boilers, including our condensing models. These new systems are supplied in a modular form, enabling most installations to be accommodated and are manufactured from high grade stainless steel.

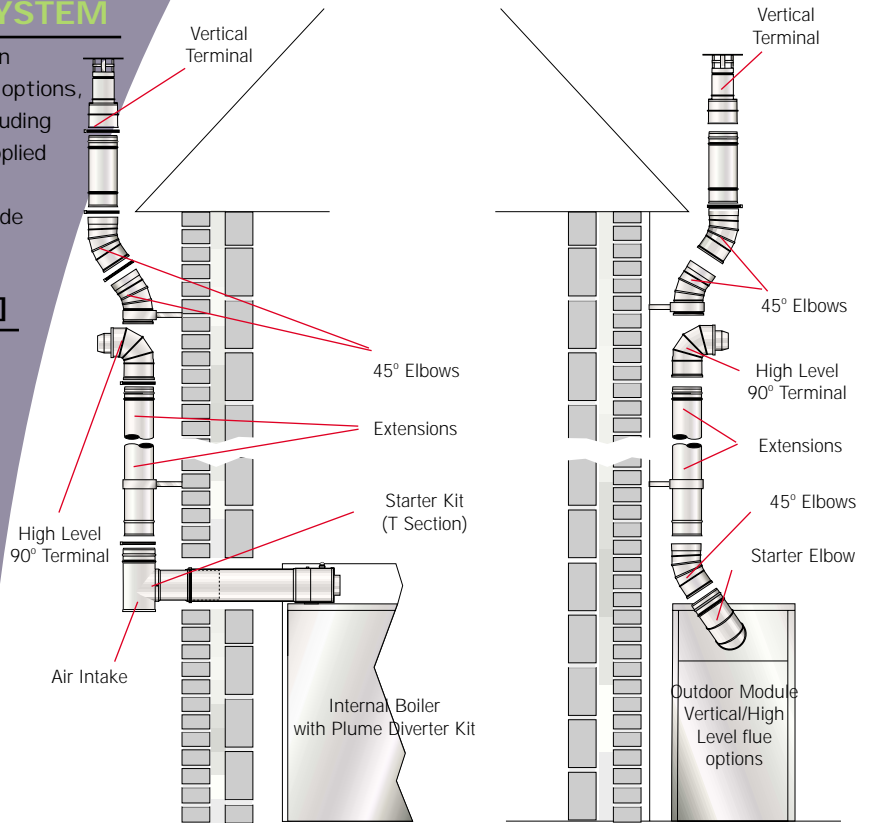
STARTER FLUE KITS [PLUME DIVERTER]

The Starter Flue Kit enables all internal boilers to be connected to an 'external' high level or vertical flue system, whilst maintaining the room sealed operation of the boiler. It is even possible to convert an existing EZ-Fit low level balanced flue kit to an external high level or vertical arrangement without any additional building work. This is particularly useful when plumbing from a low level flue terminal is a nuisance.

STARTER ELBOW

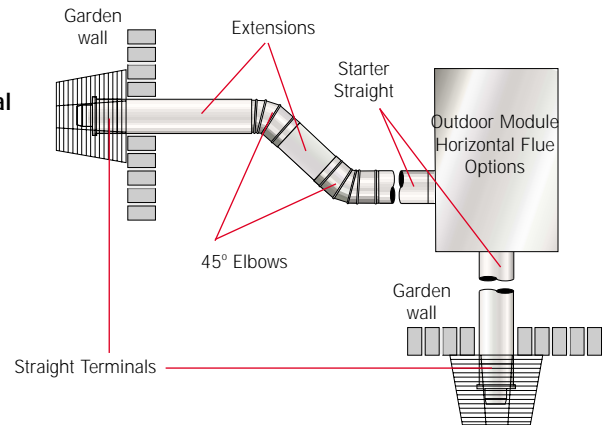
The Starter Elbow converts any of Grant's external modules or module combis to high level or vertical conventional flue operation. The stainless steel flue components are fully insulated, have 'O' ring seals and locking bands, ensuring a rigid construction every time.

EXTERNAL FLUE SYSTEMS



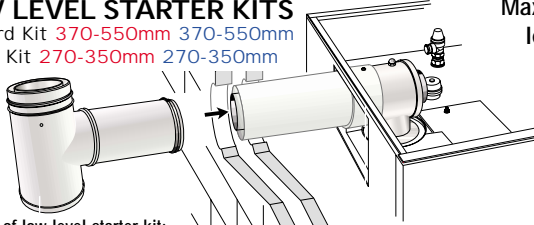
Maximum vertical length 8 metres

Maximum horizontal length 3 metres



LOW LEVEL STARTER KITS

Standard Kit 370-550mm 370-550mm
Short Kit 270-350mm 270-350mm



Contents of low level starter kit:

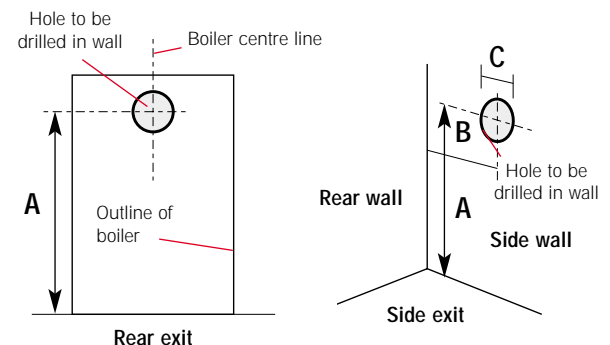
- Boiler connector section
- Tee section
- Side outlet cover trim
- Snorkel clamp (not shown)
- Dress plate
- Fixing clamp and gasket
- Lubricant (not shown)

HOLE CUTTING DIMENSIONS

MODEL	DIMENSIONS [mm]		
	A	B	C
Euroflame Kitchen/Utility models 50/70	718	85	127
Euroflame Kitchen/Utility 70/90 & 50/90 System	769	105	127
Euroflame Kitchen/Utility models 90/120 & System	735	115	162
Euroflame Boiler House Models 50/70	748	95	127
Euroflame Boiler House Models 70/90	796	120	127
Euroflame Boiler House Models 90/120	783	126	162
Multi Pass Kitchen & System Models 50/70, 70/90	756	125	127
Multi Pass Kitchen & System Models 90/140	950	130	162
Multi Pass Kitchen Models 140/160, 160/200	1065	155	162
Multi Pass Boiler House Models 70/90	754	150	127
Multi Pass Boiler House Models 90/140	984	130	162
Multi Pass Boiler House Models 140/160, 160/200	1063	155	162
Vortex Condensing Models 15/26	768	115	127
Vortex Condensing Models 26/36, 36/46	780	115	162
Combi Models 70 and 90	756	115	127

Note: Dimension 'B' is given with the boiler pushed back against the rear wall. Any clearances must be added to 'B'.

Note: Flue diameters:
123mm
152mm



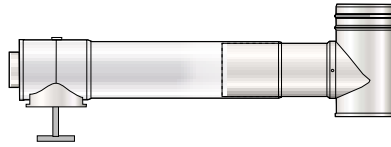
NOTE: Core drill sizes - Models up to 26kW [90,000Btu/h] 127mm. Models 26 to 58kW [90-200,000Btu/h] 162mm.

ORDER PART REFERENCE GUIDE

STARTER FLUE KIT HIGH LEVEL/VERTICAL EXTERNAL

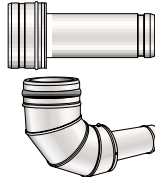
IMPORTANT

STARTER FLUE KITS CAN BE EXTENDED HORIZONTALLY USING EXTENSIONS OR ELBOWS FROM THE LOW LEVEL BALANCED FLUE (YELLOW) SYSTEM SEE PAGE 3



Standard Flue Kit	GK90	Models up to 26kW
	GK200	Models 26 - 58kW
Short Flue Kit	GK90S	Models up to 26kW
	GK200S	Models 26 - 58kW

STARTER CONNECTORS OUTDOOR MODULE ONLY - HIGH LEVEL/VERTICAL EXTERNAL

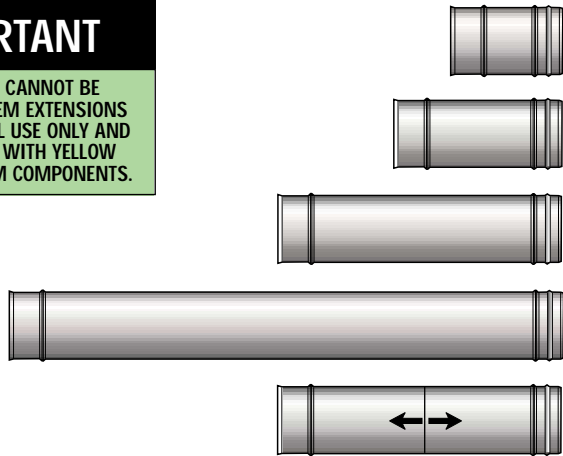


Outdoor Module Starter Straight c/w Test Point	GKM90C	Models up to 26kW
	GKM200C	Models 26 - 58kW
Outdoor Module Starter Elbow C/W Test Point	GKM90	Models up to 26kW
	GKM200	Models 26 - 58kW

FLUE EXTENSIONS HIGH LEVEL/VERTICAL STAINLESS STEEL

IMPORTANT

FLUE EXTENSIONS CANNOT BE CUT. GREEN SYSTEM EXTENSIONS ARE FOR VERTICAL USE ONLY AND CANNOT BE USED WITH YELLOW OR WHITE SYSTEM COMPONENTS.

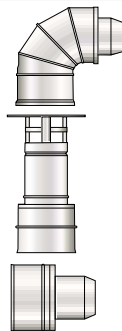


Extension 150mm C/W Locking Band	GX150/90	Models up to 26kW
	GX150/200	Models 26 - 58kW
Extension 250mm C/W Locking Band	GX250/90	Models up to 26kW
	GX250/200	Models 26 - 58kW
Extension 450mm C/W Locking Band	GX450/90	Models up to 26kW
	GX450/200	Models 26 - 58kW
Extension 950mm C/W Locking Band	GX950/90	Models up to 26kW
	GX950/200	Models 26 - 58kW
Adjustable Extension 195-270mm C/W Locking Band	GXA250/90	Models up to 26kW
	GXA250/200	Models 26 - 58kW

TERMINALS STAINLESS STEEL

IMPORTANT

VERTICAL FLUE LENGTHS OF UP TO 8 METRES CAN BE ACHIEVED UTILISING EXTENSIONS FROM THE 'GREEN SYSTEM'. 45° ELBOWS CAN ALSO BE ACCOMMODATED WITHIN THIS LENGTH (MAXIMUM 2 ELBOWS).

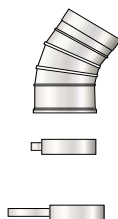


High Level 90° Terminal	GTH90	Models up to 26kW
	GTH200	Models 26 - 58kW
Vertical Terminal	GTV90	Models up to 26kW
	GTV200	Models 26 - 58kW
Straight Level Terminal Only	GTL90	Models up to 26kW
	GTL200	Models 26 - 58kW

ACCESSORIES STAINLESS STEEL

IMPORTANT

THE CF ADAPTOR AND CONNECTOR TO CF ADAPTOR TOGETHER WITH THE HIGH LEVEL TERMINAL ONLY LISTED UNDER THE ORANGE SYSTEM ACCESSORIES, CAN BE USED WITH GREEN SYSTEM EXTENSIONS AND ELBOWS TO MAKE INTERNAL DISCHARGE KITS (SEE PAGE 11).



45° Elbow C/W Locking Band	GE45/90	Models up to 26kW
	GE45/200	Models 26 - 58kW
Wall Bracket	GWB90	Models up to 26kW
	GWB200	Models 26 - 58kW
Extended Wall Bracket	GEB90	Models up to 26kW
	GEB200	Models 26 - 58kW

INTERNAL HIGH LEVEL BALANCED FLUE SYSTEMS

White Powder Coated

HIGH LEVEL

BALANCED FLUE KITS WHITE SYSTEM

High level balanced flue kits feature the same EZ-Fit boiler connections as the low level flue. The unique clamping system on the high level flue ensures easy assembly thereby reducing installation costs.

FLEXIBLE DESIGN

The kits may be extended horizontally and vertically. It is now possible to create offsets in standard high level flue systems by using our 45° elbows and extension kits – increasing the versatility of this new range.

REDUCES INSTALLATION TIME

The high level kits feature self sealing exhaust ducts and a quick-fit locking band connection for the air duct, which vastly reduces the time taken to complete the installation.

DIMENSIONS

Section 'A' is the starter piece for the flue system and push fits into the boiler connector supplied with the kit. Section 'A' incorporates the air supply spigot and a combustion test point.

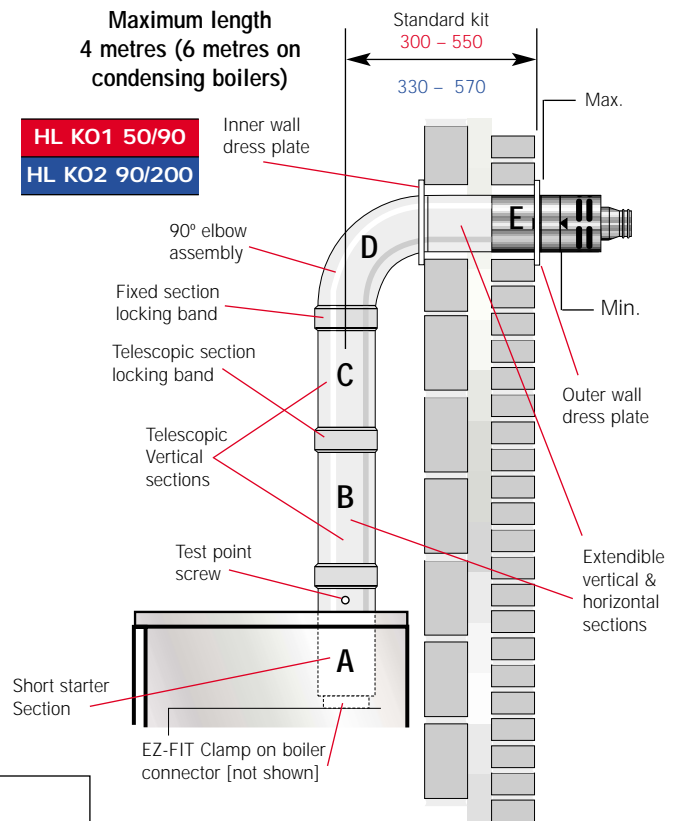
Sections 'B' and 'C' combine to form a telescopic length. Terminal section 'E' slides over elbow 'D'. The horizontal length can be extended using the extensions listed. The adjustable extension cannot be connected to the terminal section 'E' – a fixed extension must be used. The vertical height can be extended using the extensions or 45° elbows listed. For short heights sections 'B' and 'C' may be omitted and elbow 'D' fitted to starter section 'A'.

OFFSET ELBOWS

CODE	A	B
ELB K21	140	340
ELB K22	160	385

45° elbows can be used with high level kits to offset the flue. Extensions can be used between elbows.

INTERNAL HIGH LEVEL FLUE KIT (WHITE POWDER COATED)



Contents of high level balanced flue kit:

- Short starter section A
- Vertical telescopic section B/C
- Horizontal telescopic section [inc. terminal] D/E

- 90° elbow D
- Locking bands
- Inner seals [red]

NOTE: Flue diameters: 150mm 180mm
Excluding locking bands

- Outer seal [black]
- Boiler connector [c/w clamp]
- Dress plates [inner & outer]
- Fitting Instructions

NOTE: For Boiler House models, air supply kit part No. EZAS is supplied with boiler.

NOTE: For height adjustment see chart below.

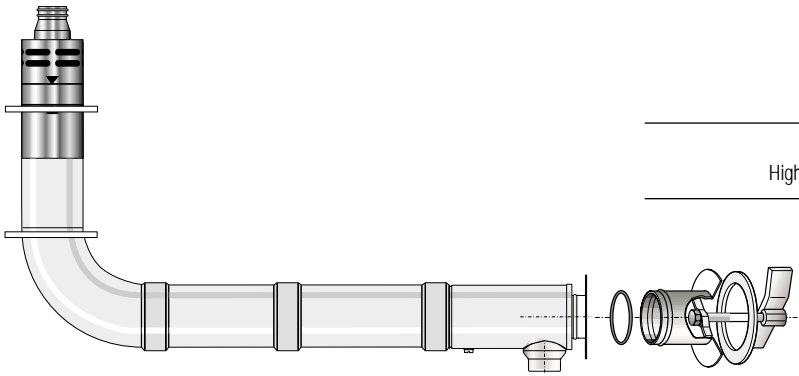
LOW LEVEL BALANCED FLUE HOLE CUTTING DIMENSIONS

MODEL	DIMENSIONS [mm]				STANDARD KIT WITH NO EXTENSIONS FITTED.
	A dia	B min	B max	C side	
Euroflame 50/70 Kitchen/Utility	175	1160	2060	80	
Euroflame 70/90 Kitchen/Utility & 50/90 System	175	1210	2110	100	
Euroflame 90/120 Kitchen/Utility & System	200	1250	2090	100	<p>Hole to be drilled in wall</p> <p>Boiler centre line</p> <p>Hole to be drilled in wall</p> <p>Outline of boiler</p> <p>Rear wall</p> <p>Side wall</p> <p>Rear exit</p> <p>Side exit</p>
Multi Pass 50/70 & 70/90 Kitchen & System	175	1215	2115	115	
Multi Pass 90/140 Kitchen & System	200	1464	2205	115	
Multi Pass 140/160 & 160/200 Kitchen	200	1585	2325	142	
Combi 70 & 90	175	1200	2100	115	
All Vortex Condensing Models 15/26	175	1215	2115	115	
All Vortex Condensing Models 26/36, 36/46	200	1215	2115	115	
Euroflame 50/70 Boiler House	175	1160	2050	80	
Euroflame 70/90 Boiler House	175	1210	2110	100	
Euroflame 90/120 Boiler House	200	1250	2090	100	
Multi Pass 70/90 Boiler House	175	1215	2115	115	
Multi Pass 90/140 Boiler House	200	1465	2205	115	
Multi Pass 140/160 & 160/200 Boiler House	200	1585	2325	142	

NOTE: Minimum dimensions above are with sections 'B' and 'C' removed and are measured from the floor to the centre line of the hole.

ORDER PART REFERENCE GUIDE

HIGH LEVEL BALANCED FLUE KITS INTERNAL

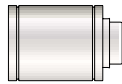


1.2 Metre High Level Flue Kit	HL K01 50/90	Models up to 26kW
	HL K02 90/200	Models 26 - 58kW

HIGH LEVEL BALANCED FLUE EXTENSIONS INTERNAL

IMPORTANT

FLUE EXTENSIONS CANNOT BE CUT. WHITE SYSTEM EXTENSIONS ARE FOR HIGH LEVEL OR VERTICAL INTERNAL USE ONLY AND CANNOT BE USED WITH YELLOW, GREEN OR ORANGE SYSTEM COMPONENTS.



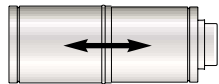
Extension 225mm C/W Locking Band	EXT K31 225/90	Models up to 26kW
	EXT K32 225/200	Models 26 - 58kW



Extension 450mm C/W Locking Band	EXT K09 450/90	Models up to 26kW
	EXT K10 450/200	Models 26 - 58kW



Extension 950mm C/W Locking Band	EXT K11 950/90	Models up to 26kW
	EXT K12 950/200	Models 26 - 58kW



Adjustable Extension 275-450mm C/W Locking Band	EXT K13 ADJ/90	Models up to 26kW
	EXT K14 ADJ/200	Models 26 - 58kW

HIGH LEVEL BALANCED FLUE ACCESSORIES

IMPORTANT

HIGH LEVEL BALANCED FLUES CAN BE EXTENDED TO A MAXIMUM LENGTH OF 4 METRES (6 METRES ON CONDENSING BOILERS) USING THE EXTENSION KITS ILLUSTRATED ABOVE. DEDUCT ONE METRE FOR EACH ADDITIONAL 45° ELBOW USED (MAXIMUM 2 ELBOWS).



45° Elbow C/W locking Band	ELB K21 45/90	Models up to 26kW
	ELB K22 45/200	Models 26 - 58kW

IMPORTANT

A TERMINAL GUARD IS REQUIRED WHEN THE FLUE TERMINATES LESS THAN 2 METRES ABOVE OUTSIDE GROUND LEVEL.

INTERNAL VERTICAL BALANCED FLUE SYSTEMS

White Powder Coated

NEW VERTICAL BALANCED FLUE KITS WHITE SYSTEM

Vertical balanced flue kits share the same EZ-Fit boiler connections as our high level kits. The unique clamping system on the vertical balanced flue ensures easy assembly thereby reducing installation costs.

FLEXIBLE DESIGN

As with our high level kits it is now possible to create offsets in straight flue runs by using our 45° elbows and adjustable extension kits – increasing the versatility of this new range.

MAXIMUM VERTICAL FLUE LENGTH

Vertical balanced flues can be extended to a maximum length of 6 metres on non-condensing boilers and 8 metres on condensing boilers in a straight run using the extension kits illustrated on Page 9. Deduct one metre for each additional 45° elbow used [maximum 2 elbows].

DIMENSIONS

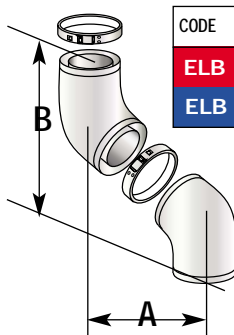
The dimensions shown are measured from top of the boiler spigot, not the boiler case. The distance between the boiler flue spigot and the top of the casing should be taken into consideration. [See boiler installation manual].

Section (A) is the starter piece for the flue system and push fits into the boiler connector supplied with the kit. Section (A) incorporates the air supply spigot and a combustion test point.

Sections (B) and (C) combine to form a telescopic length. Terminal section (E) slides telescopically over fixed length section (D).

For short flue heights section (D) may be omitted and the terminal section (E) may be fitted directly to section (C). The terminal section (E) overlaps section (C) by 50mm. Telescopic adjustment of the flue, if required, is still possible between sections (B and C).

OFFSET ELBOWS



CODE	A	B
ELB K21	140	340
ELB K22	160	385

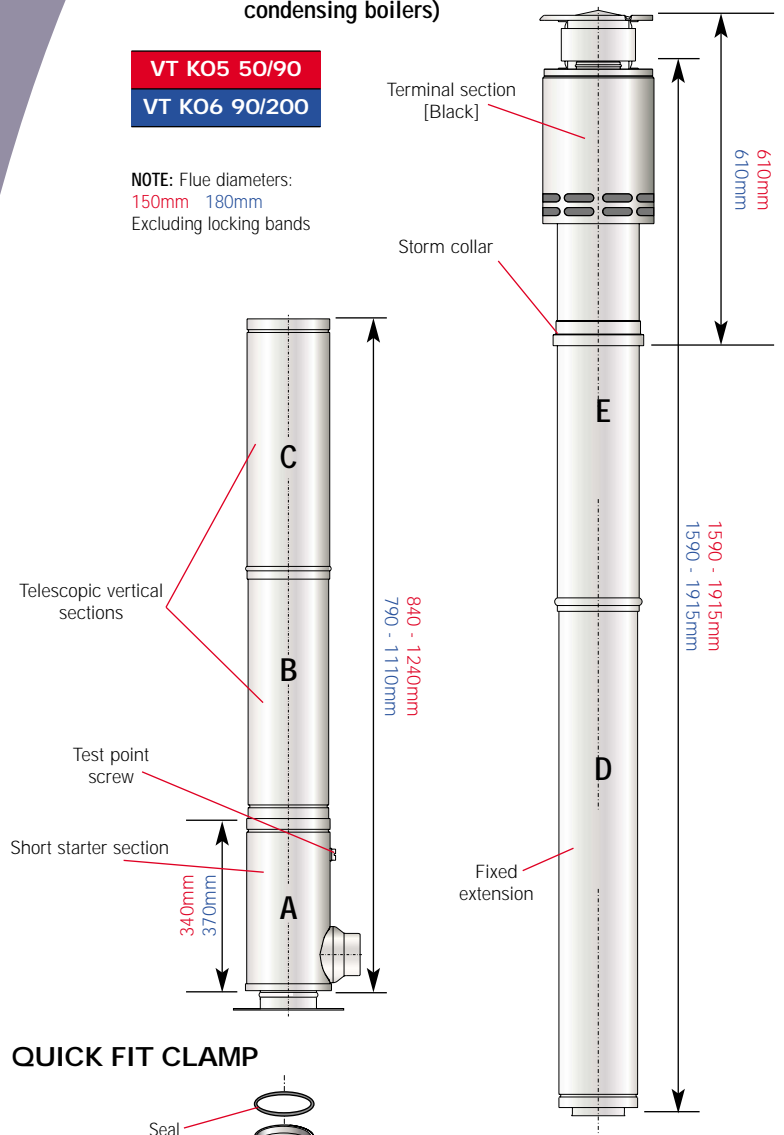
45° elbows can be used with vertical kits to offset the flue. Extensions can be used between elbows.

VERTICAL FLUE KIT (WHITE POWDER COATED)

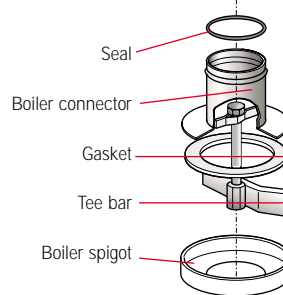
Maximum length
6 metres (8 metres on
condensing boilers)

VT K05 50/90
VT K06 90/200

NOTE: Flue diameters:
150mm 180mm
Excluding locking bands



QUICK FIT CLAMP



NOTE: Diagram above shows fixing method for non condensing boiler.

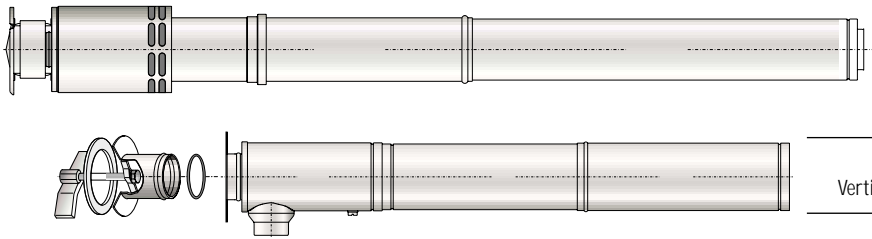
Contents of 3 metre vertical balanced flue kit:

- Short starter section A
- Vertical telescopic section B/C
- Fixed section 950mm D
- Terminal section E [inc. storm collar]
- Locking bands [not shown]
- Inner seals [red]
- Boiler connector [c/w clamp]
- Ceiling dress plate [not shown]
- Firestop spacers [not shown]
- Wall bracket
- Fitting Instructions

NOTE: For Boiler House models, air supply kit part No. EZAS is supplied with boiler.

ORDER PART REFERENCE GUIDE

VERTICAL BALANCED FLUE KITS INTERNAL

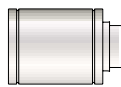


3 Metre Vertical Flue Kit	VT K05 50/90	Models up to 26kW
	VT K06 90/200	Models 26 - 58kW

VERTICAL BALANCED FLUE EXTENSIONS INTERNAL

IMPORTANT

FLUE EXTENSIONS CANNOT BE CUT. WHITE SYSTEM EXTENSIONS ARE FOR HIGH LEVEL OR VERTICAL INTERNAL USE ONLY AND CANNOT BE USED WITH YELLOW, GREEN OR ORANGE SYSTEM COMPONENTS.



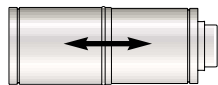
Extension 225mm C/W Locking Band	EXT K31 225/90	Models up to 26kW
	EXT K32 225/200	Models 26 - 58kW



Extension 450mm C/W Locking Band	EXT K09 450/90	Models up to 26kW
	EXT K10 450/200	Models 26 - 58kW



Extension 950mm C/W Locking Band	EXT K11 950/90	Models up to 26kW
	EXT K12 950/200	Models 26 - 58kW

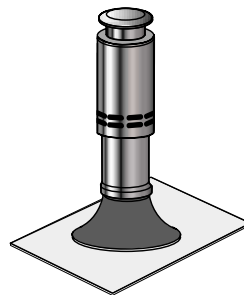


Adjustable Extension 275-450mm C/W Locking Band	EXT K13 ADJ/90	Models up to 26kW
	EXT K14 ADJ/200	Models 26 - 58kW

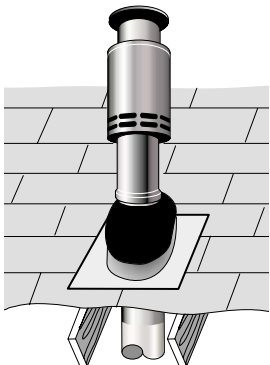
VERTICAL BALANCED FLUE ACCESSORIES



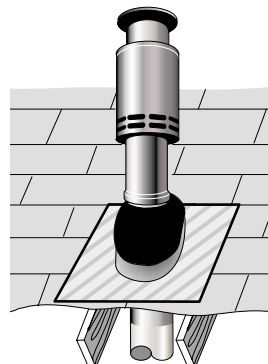
45° Elbow C/W Locking Band	ELB K21 45/90
	ELB K22 45/200



Flat Roof Flashing – Aluminium	VT K27 F90
	VT K28 F200



Pitched Roof Flashing – Aluminium	VT MF 90
	VT MF 200



Pitched Roof Flashing – Lead	VT K25 P90
	VT K26 P200



Adjustable Wall Bracket	BRK 29 90
	BRK 30 200

CONVENTIONAL FLUE SYSTEMS – CONDENSING BOILERS

Stainless Steel

CONVENTIONAL FLUES FOR GRANT VORTEX CONDENSING BOILERS ORANGE SYSTEM

As many older oil fired boilers are traditionally connected to conventional flue systems, updating to a modern condensing boiler often results in the appliance being relocated. The Grant EZ-Fit Conventional Flue System (Orange System) has been specifically designed to enable the existing chimney to be re-used and the boiler retained in its original position.

EZ-FLEXI PACKS

Grant have developed a range of EZ-Fit Flexi Packs containing all the components required to utilise the existing chimney, including a smooth bore stainless steel flue liner, terminal, clamp plate and connectors for both the flex and boiler. All that is required to complete the installation is extension pipes or elbows from our Orange System accessories range.

PLUMING

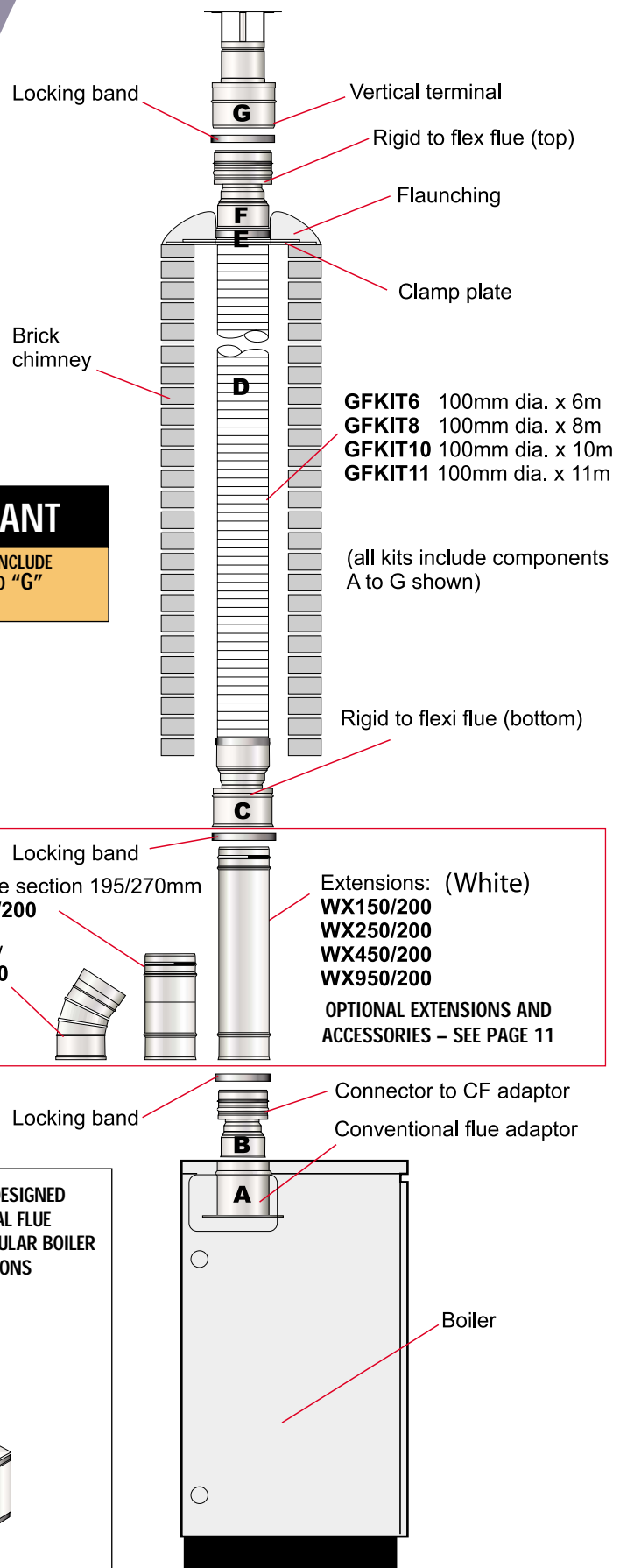
Condensing boilers operate at extremely high efficiencies with cool flue gas temperatures, resulting in a plume of vapour being visible at the flue terminal. This pluming (steam) is a normal condition of condensing boilers and indicates that the appliance is working efficiently. As an alternative to a low level, high level, or vertical balanced flue kit, utilising the original chimney with a Grant conventional flue Flexi-Pack moves the plume of vapour above roof level.

COMBUSTION AIR AND VENTILATION

An adequate permanent air supply is required for the safe operation of all open-flued (conventional flue) oil-fired appliances. This must be in accordance with the requirements of BS 5410: Part 1: 1997.

Full details of the ventilation requirements for Grant boilers are given in the instructions provided with every appliance.

CONVENTIONAL FLUE SYSTEM



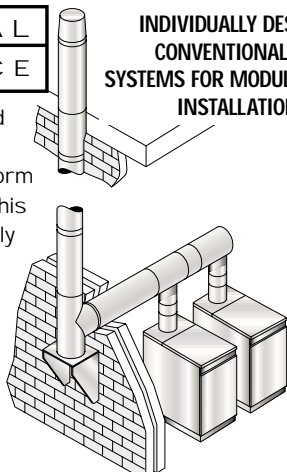
IMPORTANT

ALL EZ-FLEXI PACKS INCLUDE COMPONENTS "A" TO "G" SHOWN OPPOSITE

EZ CONVENTIONAL FLUE DESIGN SERVICE

Grant UK offers a unique customised design service, where two or more boilers are connected in a modular form to a single conventional flue stack. This service includes the design and supply of flue headers and flue systems for standard and condensing boiler installations and is available to merchants upon completion of a simple site survey form. Contact our technical department on: **0870 7775553** for further details.

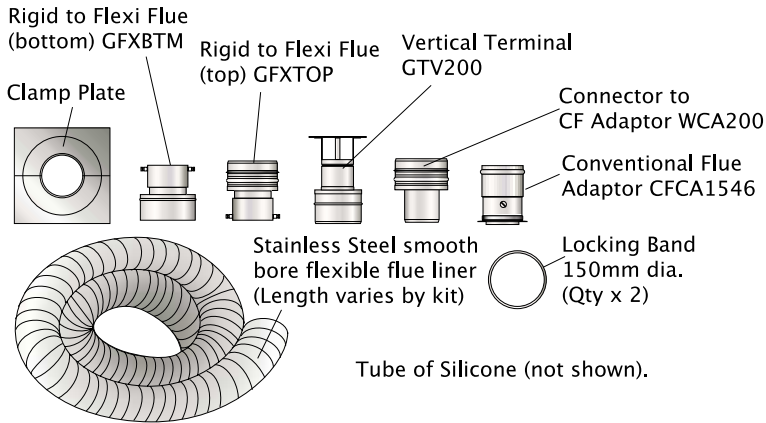
INDIVIDUALLY DESIGNED CONVENTIONAL FLUE SYSTEMS FOR MODULAR BOILER INSTALLATIONS



ORDER PART REFERENCE GUIDE

SMOOTH BORE FLEXI-FLUE KITS STAINLESS STEEL

Contents of Flexi Flue Kits:

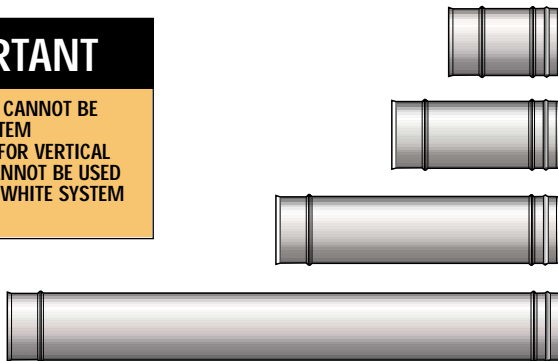


6 Metre Flexible Flue Kit	GF KIT 6	All Vortex Models Up to 46kW
8 Metre Flexible Flue Kit	GF KIT 8	All Vortex Models Up to 46kW
10 Metre Flexible Flue Kit	GF KIT 10	All Vortex Models Up to 46kW
11 Metre Flexible Flue Kit	GF KIT 11	All Vortex Models Up to 46kW

FLUE EXTENSIONS WHITE POWDER COATED

IMPORTANT

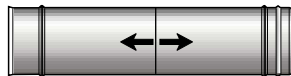
FLUE EXTENSIONS CANNOT BE CUT. ORANGE SYSTEM EXTENSIONS ARE FOR VERTICAL USE ONLY AND CANNOT BE USED WITH YELLOW OR WHITE SYSTEM COMPONENTS.



Extension 150mm C/W Locking Band	WX150/200	All Vortex Models Up to 46kW
Extension 250mm C/W Locking Band	WX250/200	All Vortex Models Up to 46kW
Extension 450mm C/W Locking Band	WX450/200	All Vortex Models Up to 46kW
Extension 950mm C/W Locking Band	WX950/200	All Vortex Models Up to 46kW
Adjustable Extension 195-270mm C/W Locking Band	WXA250/200	All Vortex Models Up to 46kW

IMPORTANT

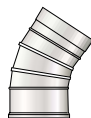
WHEREVER POSSIBLE INCORPORATE ONE ADJUSTABLE SECTION



TERMINAL AND ACCESSORIES

IMPORTANT

COMPONENTS FROM THE ORANGE AND GREEN SYSTEM CAN BE USED TO CONSTRUCT INTERNAL HIGH LEVEL, OR VERTICAL CONVENTIONAL FLUE DISCHARGE KITS



45° Elbow C/W Locking Band	WE45/200	All Vortex Models Up to 46kW
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