

Flue Kits Sales Codes

Approval must be sought from the Firebird Technical Hub for any flue system that is not covered by this guide.

Low Level Flue Kits

Sales Code	Product Description
12-35kW	Kits & Extensions (125mm dia)
CBF005KIT	Low Level Flue Kit 380-600mm Stainless Steel Guard inc.
CBF005SKT	Low Level Flue Kit (short) 280-425mm Stainless Steel Guard inc.
CBF005EXT	450mm Extension for Low Level Flue Kit
44-58kW	KITS AND EXTENSIONS (150mm dia)
CBF006KIT	Low Level Flue Kit 380-600mm Stainless Steel Guard inc.
CBF006SKT	Low Level Flue Kit (short) 280-425mm Stainless Steel Guard inc.
CBF006EXT	450mm Extension for Low Level Flue Kit
73kW	KITS AND EXTENSIONS (180mm dia)
CBF007KIT	Low Level Flue Kit 380-600mm Stainless Steel Guard inc.
CBF007EXT	450mm Extension for Low Level Flue Kit

High Level Horizontal & Vertical Flue Kits

Sales Code	Product Description
12-35kW	Kits & Extensions (125mm dia)
HLF005HSS	1075mm High Level Horizontal Flue Kit
HLF005VSS	3 metre High Level Vertical Flue Kit
HLF005XAS	1000mm High Level Vertical Extension
HLF005XBS	500mm High Level Vertical Extension
HLF005XCS	250mm High Level Vertical Extension
HLF005XDS	305mm/420mm High Level Vertical Adjustable Length
HLF005XES	555mm/920mm Adjustable Length
HLF455SLB	45 degree Bend
HLF905LBS	90 degree Bend
HLF005WBS	Wall Bracket
44-58kW	Kits & Extensions (150mm dia)
HLF006HHL	1075mm High Level Horizontal Flue Kit
HLF006VHL	3 metre High Level Vertical Flue Kit
HLF006EXA	1000mm High Level Vertical Extension
HLF006EXB	500mm High Level Vertical Extension
HLF006EXC	250mm High Level Vertical Extension
HLF006EXD	305mm/420mm Adjustable Length
HLF006EXE	555mm/920mm Adjustable Length
HLF456ELB	45 degree Bend
HLF906ELB	90 degree Bend
HLF006WBK	Wall Bracket
73kW	Kits & Extensions (180mm dia)
HLF007HHL	1075mm High Level Horizontal Flue Kit
HLF007VHL	3 metre High Level Vertical Flue Kit
HLF007EXA	1000mm High Level Vertical Extension
HLF007EXB	500mm High Level Vertical Extension
HLF007EXC	250mm High Level Vertical Extension
HLF007EXD	305mm/420mm Adjustable Length
HLF007EXE	555mm/920mm Adjustable Length
HLF457ELB	45 degree Bend
HLF907ELB	90 degree Bend
HLF007WBK	Wall Bracket
100kW	Kits & Extensions (200mm dia)
HLF008HHL	1075mm High Level Horizontal Flue Kit
HLF008VHL	3 metre High Level Vertical Flue Kit
HLF008EXA	1000mm High Level Vertical Extension
HLF008EXB	500mm High Level Vertical Extension
HLF008EXC	250mm High Level Vertical Extension
HLF008EXD	305mm/420mm Adjustable Length
HLF008EXE	555mm/920mm Adjustable Length
HLF458ELB	45 degree Bend
HLF908ELB	90 degree Bend
HLF008WBK	Wall Bracket

Plume Dispersal Kits

Sales Code	Product Description
12-35kW	Kits & Extensions (80mm dia)
PDK005SET	Plume Dispersal Kit
PDK250KIT	250mm Length
PDK500KIT	500mm Length
PDK1000KT	1000mm Length
PDK420KIT	305/420mm Adjustable Length
PDK920KIT	555/920mm Adjustable Length
PDK045BND	45 degree Bend
PDK005TRM	Terminal With Mesh
PDK090BND	90 degree Bend
PDK000CHC	Chinaman Hat Cowl
PDK000WBK	Wall Bracket
PDK080POP	Adaptor
44-58kW	Kits & Extensions (100mm dia)
PDK006SET	Plume Dispersal Kit
PDK256KIT	250mm Length
PDK506KIT	500mm Length
PDK1006KT	1000mm Length
PDK426KIT	305/420mm Adjustable Length
PDK926KIT	555/920mm Adjustable Length
PDK456BND	45 degree Bend
PDK006TRM	Terminal With Mesh
PDK906BND	90 degree Bend
PDK006CHC	Chinaman Hat Cowl
PDK006WBK	Wall Bracket
PDK100POP	Adaptor
73kW	Kits & Extensions (125mm dia)
PDK007SET	Plume Dispersal Kit
PDK257KIT	250mm Length
PDK507KIT	500mm Length
PDK1007KT	1000mm Length
PDK427KIT	305/420mm Adjustable Length
PDK927KIT	555/920mm Adjustable Length
PDK457BND	45 degree Bend
PDK007TRM	Terminal With Mesh
PDK907BND	90 degree Bend
PDK007CHC	Chinaman Hat Cowl
PDK007WBK	Wall Bracket
PDK125POP	Adaptor
100kW	Kits & Extensions (150mm dia)
PDK258KIT	250mm Length
PDK508KIT	500mm Length
PDK1008KT	1000mm Length
PDK428KIT	305/420mm Adjustable Length
PDK928KIT	555/920mm Adjustable Length
PDK458BND	45 degree Bend
PDK008TRM	Terminal With Mesh
PDK908BND	90 degree Bend
PDK008CHC	Chinaman Hat Cowl
PDK008WBK	Wall Bracket
PDK150POP	Adaptor

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HEATING SOLUTIONS

Condensing Flue Kits & Accessories Guide



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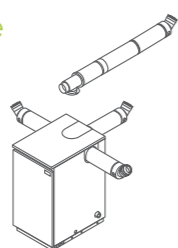
Condensing Flue Kits

A flue is a critical part of boiler installation and a necessary requirement to remove gases created during the combustion process. A correctly installed flue will also ensure the clean and efficient operation of the boiler, resulting in optimum boiler performance and a longer design life. An incorrect installation will result in the boiler warranty becoming invalid.

A

Low Level Horizontal Flue

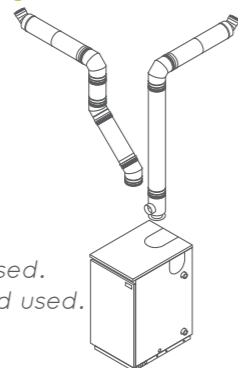
Stainless Steel 12-73kW.
 Maximum flue length 1.5 metres.
100kW must not be connected to a low level flue.



B

High Level Horizontal Flue

Stainless Steel 12-35kW.
 Maximum overall length must not exceed 6 metres.
Stainless Steel 44-100kW.
 Maximum overall length must not exceed 4 metres.



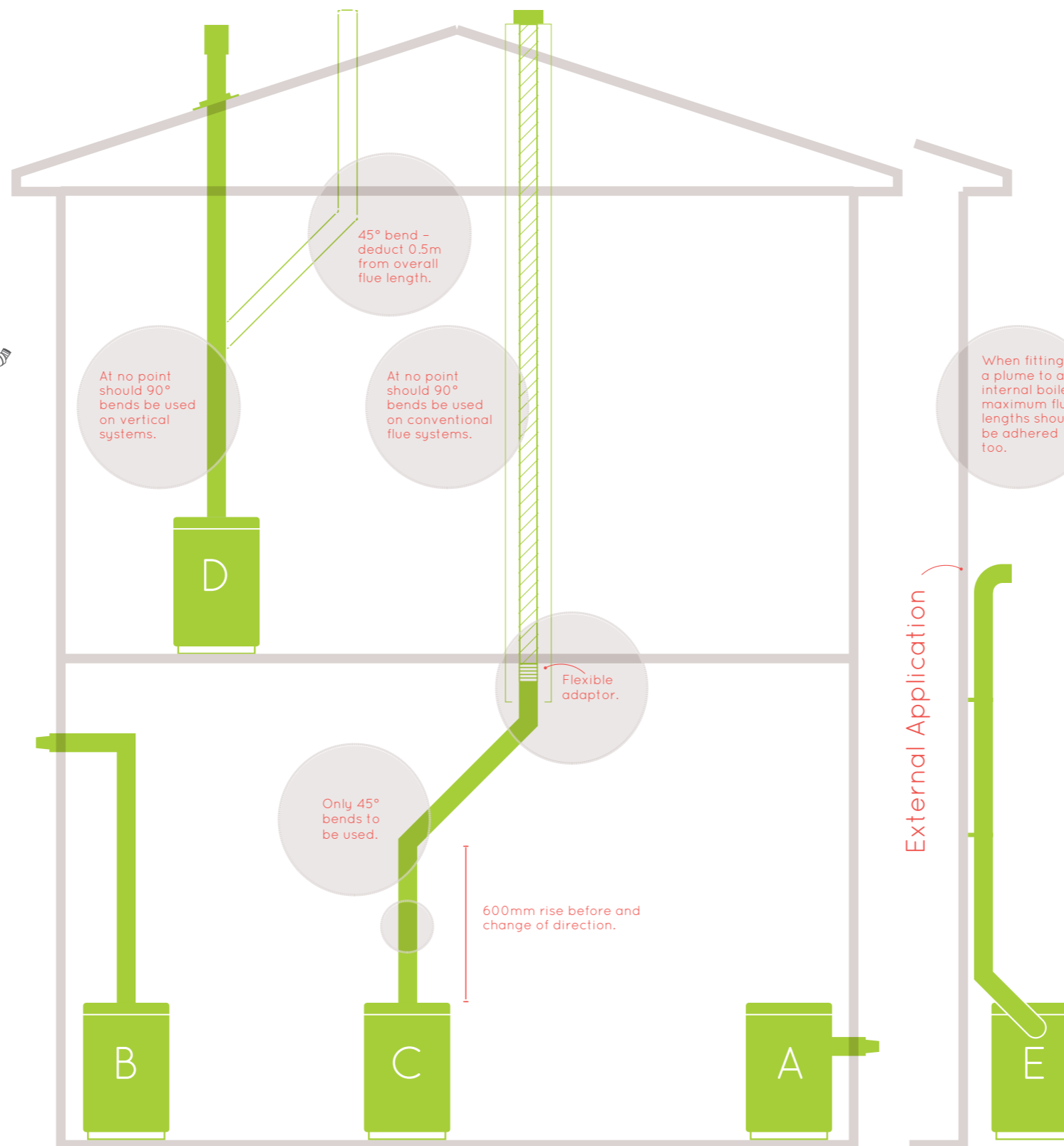
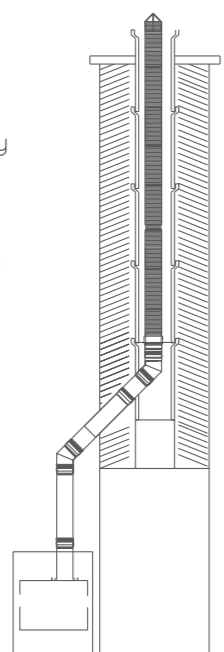
Deduct 1 metre for every 90° bend used.
 Deduct 0.5 metres for every 45° bend used.

C

Conventional Flue

- Maximum flue length 20 metres.
- Only 45° bends to be used.
- 600mm rise required before any change in direction.
- Maximum of 2 x 45° bends allowed on the system.
- Flexible Adaptor must be fitted vertically.

At no point should 90° bends be used on a conventional flue system.

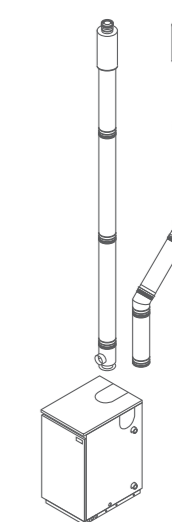


D

Vertical Balanced Flue

Stainless Steel 12-35kW.
 Maximum flue length 6 metres.
Stainless Steel 44-100kW.
 Maximum flue length 4 metres.
 Deduct 0.5 metres for every 45° bend used.

At no point should 90° bends be used on a vertical flue system.



E

External Plume Dispersal Kits

Horizontal 12-73kW.
 Maximum plume length must not exceed 1.5 metres.
Vertical 12-35kW.
 Maximum plume length must not exceed 6 metres.
Vertical 44-73kW.
 Maximum plume length must not exceed 4 metres.

- On external applications the appropriate plume kit must be fitted.
- Stainless steel plume kits should not be cut.

Deduct 1 metre for every 90° bend used.
 Deduct 0.5 metres for every 45° bend used.

When fitting a plume kit to an internal boiler, maximum flue lengths should be adhered to.

