

Flue Kits Sales Codes

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 |

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|-----------|---|
| 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 |

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|-----------|---------------------------------------|
| 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 |

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|-----------|---------------------------------------|
| 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 |

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|-----------|---------------------------------------|
| 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 |

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

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 |

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|-----------|-------------------------------|
| 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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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.

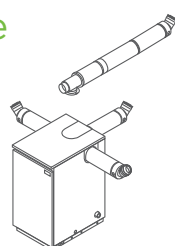
A

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.

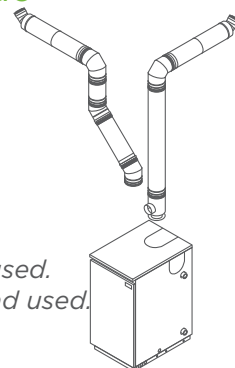
Maximum overall length must not exceed 6 metres.

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.

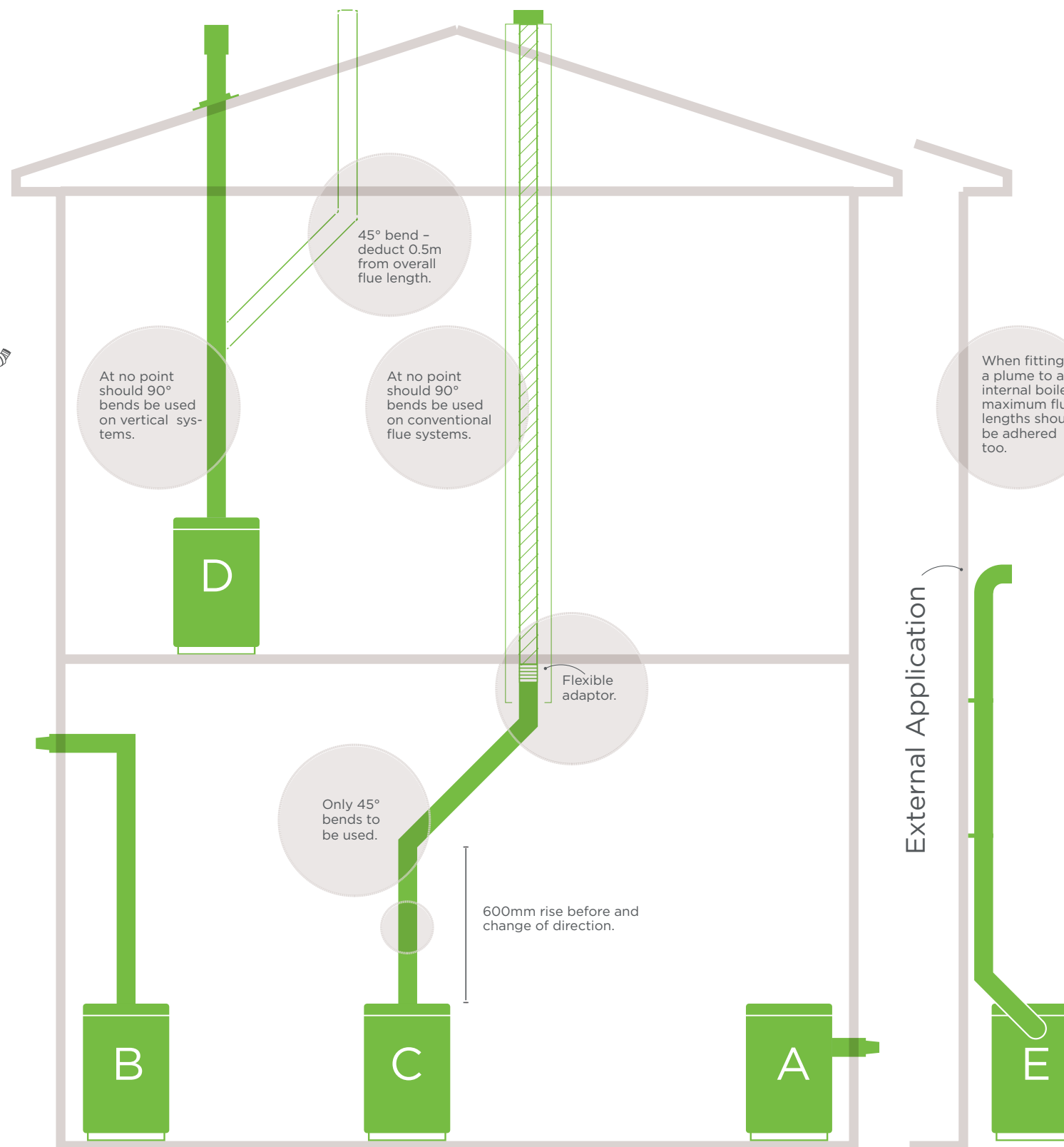
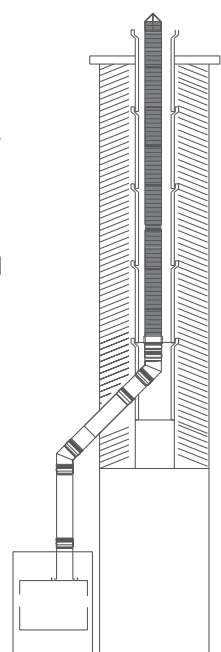


C

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.

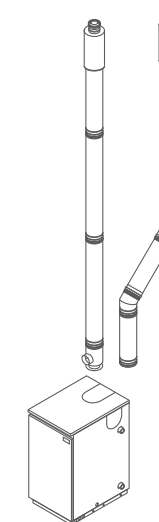
Maximum flue length 6 metres.

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.

