





Flue Manual Domestic Boilers





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All flue pipe and flue components must be supplied by, or specified by, Ferroli UK Ltd. The installation must be in accordance with the following;

1) The Gas Safety (Installation and Use) Regulations

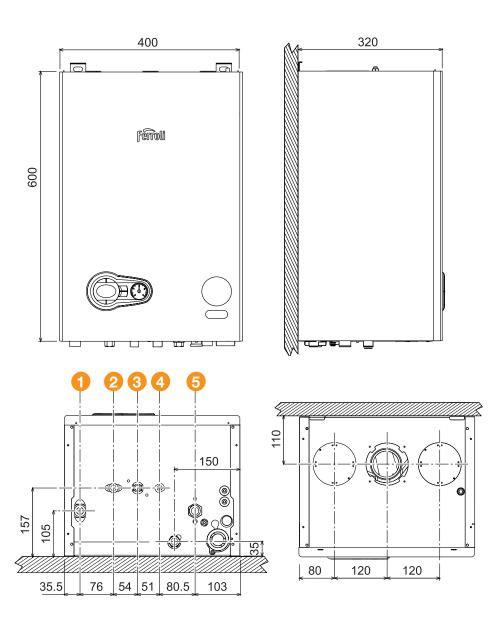
3) BS 5440: Parts 1 and 2

2) The Building Regulations

4) BS 6798



Modena C HE



Minimum Clearances Required

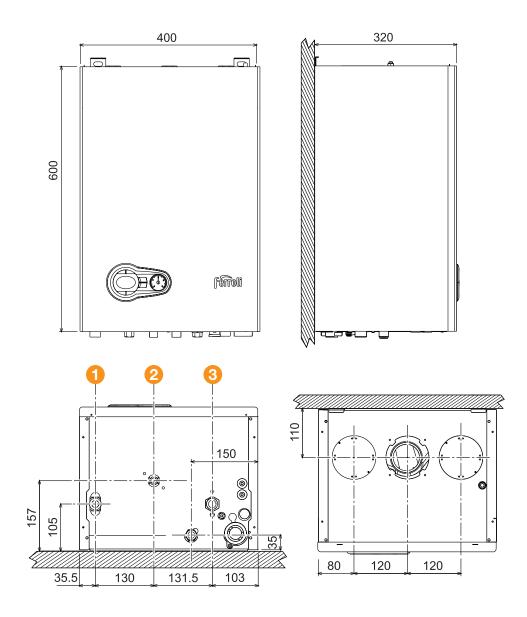
Above	300mm
Sides	25mm
Front	50mm*
Below	200mm

^{* 50}mm refers to minimum distance between any openable/removable panel (i.e. kitchen unit door). A minimum 600mm must be available for servicing access.

Key

0	CH Flow
2	Hot Water Outlet
3	Gas Inlet
4	Cold Water Inlet
5	CH Return

Modena S HE



Minimum Clearances Required

Above	300mm
Sides	25mm
Front	50mm*
Below	200mm

^{* 50}mm refers to minimum distance between any openable/removable panel (i.e. kitchen unit door).

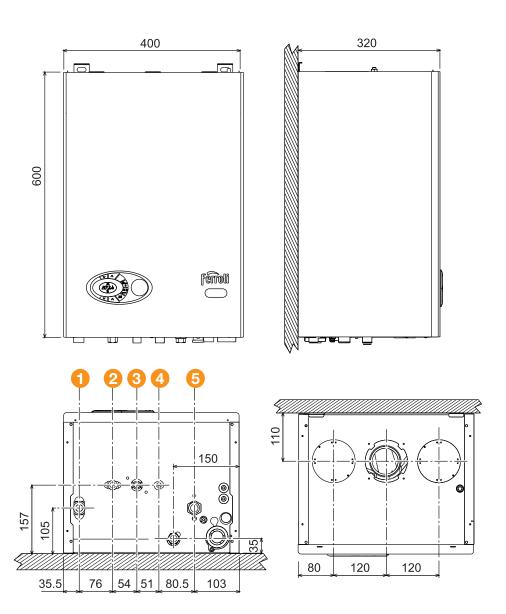
A minimum 600mm must be available for servicing access.

Key

CH FlowGas InletCH Return



T-ONE



Minimum Clearances Required

Above	300mm
Sides	25mm
Front	50mm*
Below	200mm

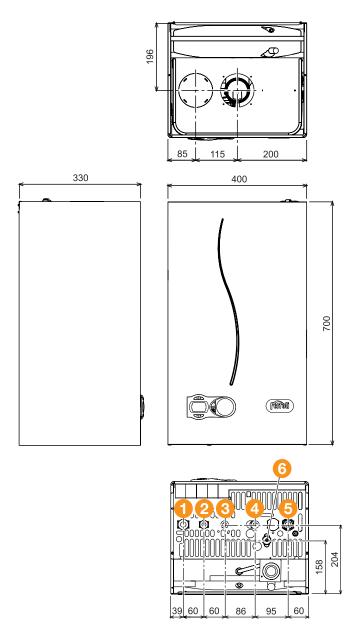
 $[\]ast$ 50mm refers to minimum distance between any openable/removable panel (i.e. kitchen unit door).

A minimum 600mm must be available for servicing access.

Key

1	CH Flow
2	Hot Water Outlet
3	Gas Inlet
4	Cold Water Inlet
6	CH Return

DOMIcondens HE 26c



Minimum Clearances Required

Above	300mm
Sides	25mm
Front	50mm*
Below	200mm

^{* 50}mm refers to minimum distance between any openable/removable panel (i.e. kitchen unit door).

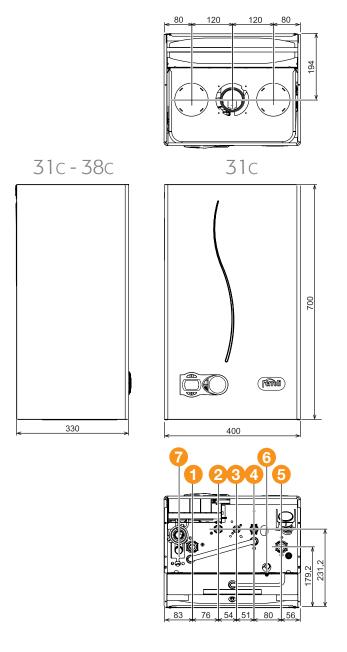
A minimum 600mm must be available for servicing access.

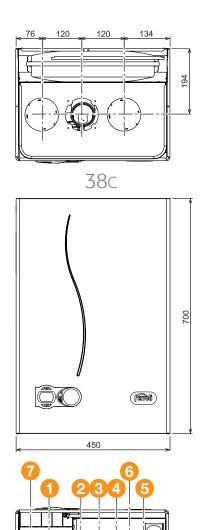
Key

Ke	У
0	CH Flow
2	Hot Water Outlet
3	Gas Inlet
4	Cold Water Inlet
5	CH Return
6	Safety Valve



Optimax HE Plus c





Minimum Clearances Required

Above	300mm
Sides	25mm
Front	50mm*
Below	200mm

^{* 50}mm refers to minimum distance between any openable/removable panel (i.e. kitchen unit door).

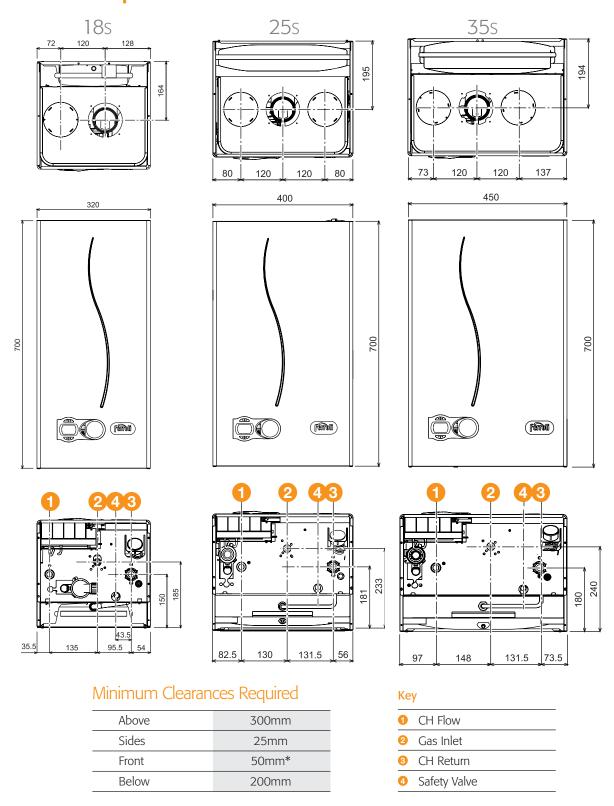
A minimum 600mm must be available for servicing access.

Kev

Key	
CH Flow	
Hot Water Outlet	
Gas Inlet	
Cold Water Inlet	
CH Return	
Safety Valve	
Condensate Outlet	

179,2 231,2

Optimax HE Plus s

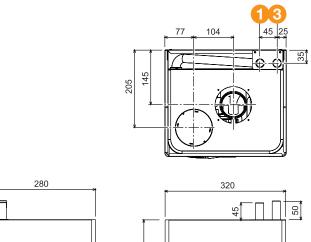


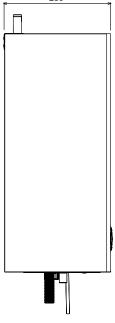
^{* 50}mm refers to minimum distance between any openable/removable panel (i.e. kitchen unit door).

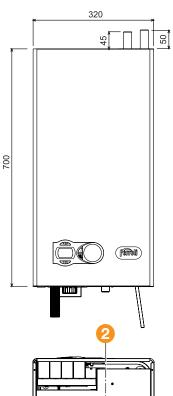
A minimum 600mm must be available for servicing access.

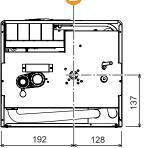


Optimax HE Plus 18ov









Minimum Clearances Required

Above	300mm
Sides	25mm
Front	50mm*
Below	200mm

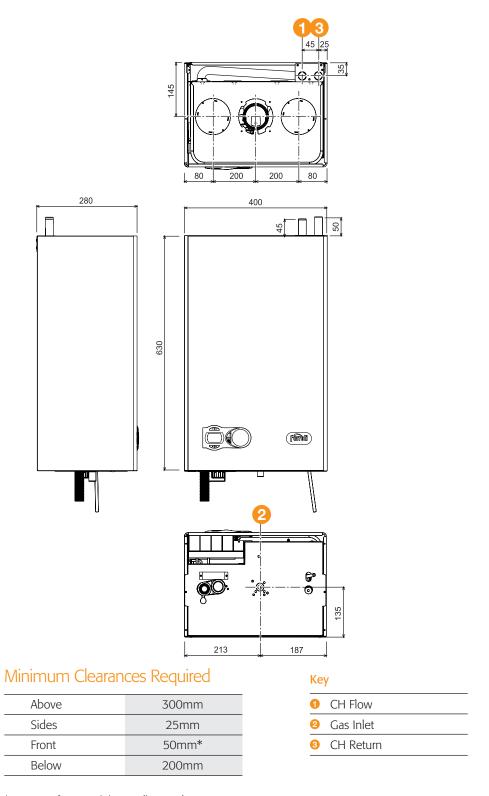
^{* 50}mm refers to minimum distance between any openable/removable panel (i.e. kitchen unit door).

A minimum 600mm must be available for servicing access.

Key

0	CH Flow
2	Gas Inlet
3	CH Return

Optimax HE Plus 25ov



^{* 50}mm refers to minimum distance between any openable/removable panel (i.e. kitchen unit door).

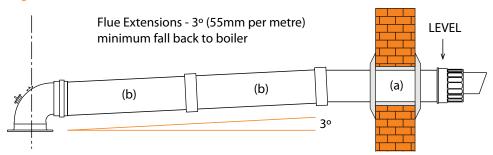
A minimum 600mm must be available for servicing access.



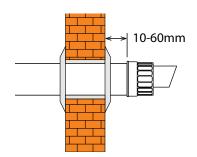
Important Information

- When installing the standard horizontal flue (including both the 600mm telescopic flue terminal and the 1000mm horizontal non-telescopic flue terminal) IT IS IMPORTANT THAT THE FLUE TERMINAL (Fig.1. a) IS FITTED LEVEL. There is an inbuilt fall of the inner flue pipe to allow condensate to drain back to the boiler.
- If it is necessary to extend the flue then ALL EXTENSIONS (Fig. 1.b) MUST FALL BACK TO THE BOILER A MINIMUM OF 3° (55mm per metre) to enable any condensate to drain. All extensions and flue components must be installed with the socket end to the terminal and the spigot end to the boiler.

Fig 1



Make a hole of diameter 10-20 mm greater than the nominal diameter of the concentric pipe used. If necessary, cut the terminal length to size, ensuring that the external pipe protrudes from the wall by between 10 and 60mm. Remove the cutting burrs.



- The telescopic section of the flue should be secured using a self tapping screw and the joint then taped.
- Connect flue to the boiler, positioning the seals correctly. Seal the flue into the wall with silicone or sand + cement and cover with Wall Seals provided.
- Flue seals should be lubricated with a silicone type grease to prevent damage (grease not supplied).



Modena C HE / Modena S HE

Standard Telescopic Flue Kit

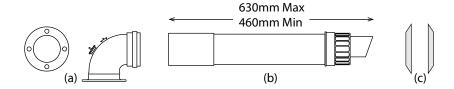
Code - 041049G0

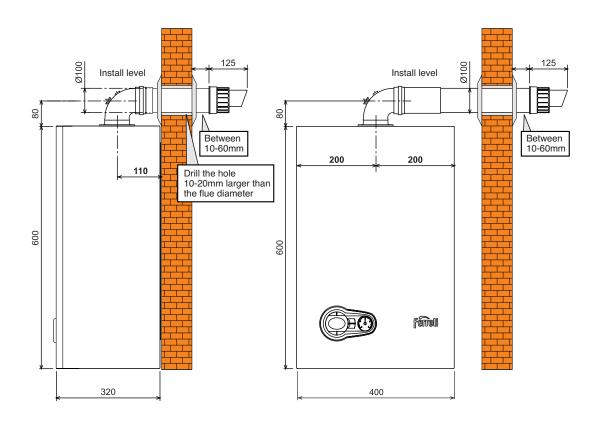
Please note: A nominal 1m non-telescopic flue terminal is available

on request. Code –1KWMA56W

Includes;

- 1 x Appliance Bend + gasket (a)
- 1 x 600mm Telescopic Flue Terminal (b)
- 2 x Wall Seal inner and outer (c)





	100mm (Concentric	125mm Concentric		80mm Two Pipe System
	Horizontal	Vertical	Horizontal	Vertical	
					80m – 27C HE
Maximum Flue Length	7m	8m	28m	28m	70m – 32C HE
Tide Length					70m – S HE



T-ONE

Standard Telescopic Flue Kit

Code - 041049G0

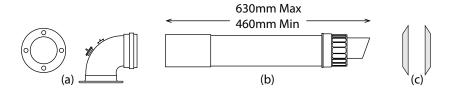
Please note: A nominal 1m

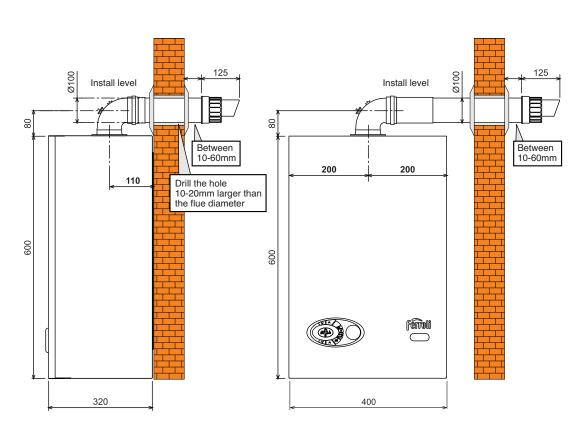
non-telescopic flue terminal is available on request. Code –1KWMA56W

Includes;

1 x Appliance Bend + gasket (a)
1 x 600mm Telescopic Flue Terminal (b)

2 x Wall Seal – inner and outer (c)

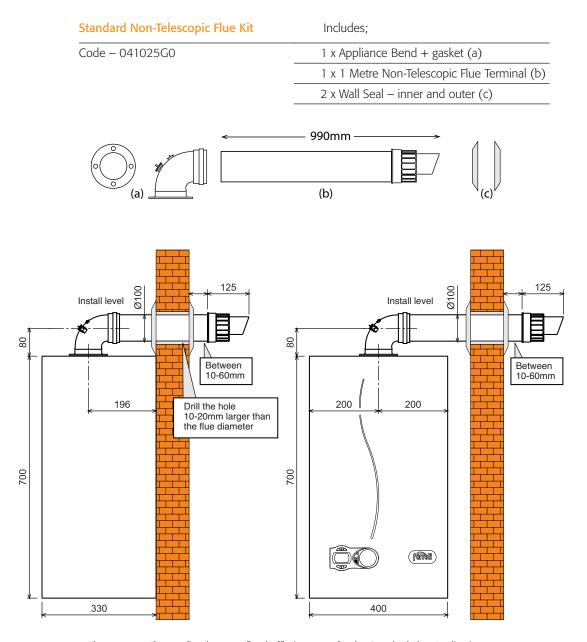




	100mm (Concentric	125mm Concentric		80mm Two Pipe System
	Horizontal	Vertical	Horizontal	Vertical	
Maximum Flue Length	7m	8m	28m	28m	80m – 25C HE 70m – 30C HE



DOMIcondens HE 26c



Please note: The pre-fitted 45mm flue baffle is correct for the Standard Flue Application.

If the flue is extended then refer to the installation instructions for the correct baffle size.

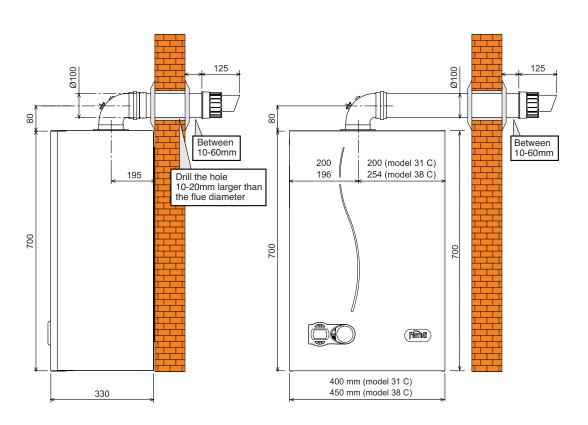
	100mm (Concentric	125mm Concentric		80mm Two Pipe System
	Horizontal	Vertical	Horizontal	Vertical	
Maximum Flue Length	6m	6m	12m	12m	55m



Optimax HE Plus c

Standard Non-Telescopic Flue Kit	Includes;
Code – 041025G0	1 x Appliance Bend + gasket (a)
	1 x 1 Metre Non-Telescopic Flue Terminal (b)
	2 x Wall Seal — inner and outer (c)
	— 990mm — → Д

(b)

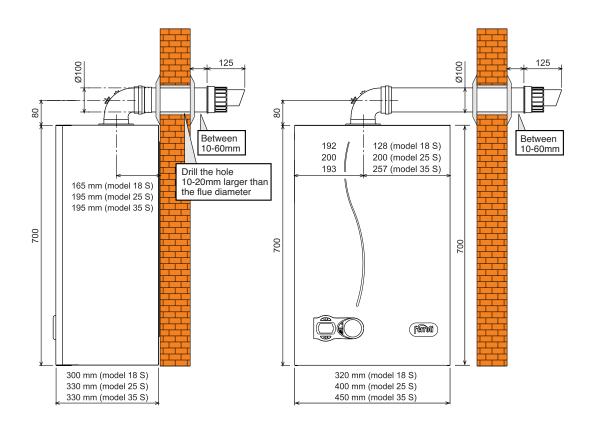


	100mm Concentric		125mm Concentric		80mm Two Pipe System
	Horizontal	Vertical	Horizontal Vertical		
Maximum Flue Length					75m – HE+31C 55m – HE+38C



Optimax HE Plus s

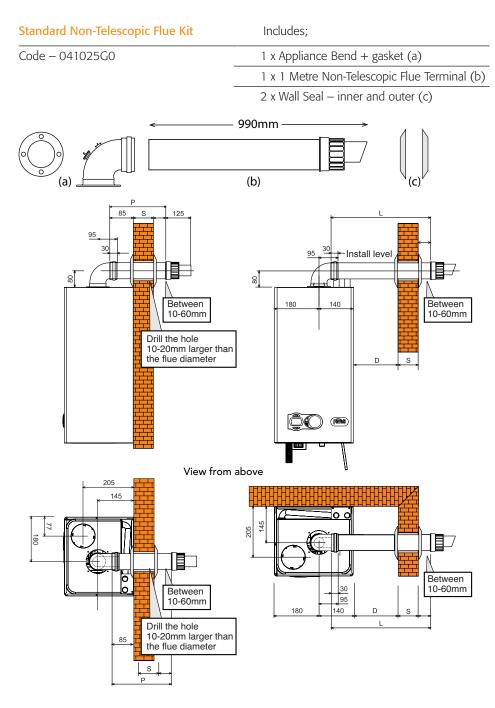
Standard Non-Telescopic Flue Kit Code – 041025G0 1 x Appliance Bend + gasket (a) 1 x 1 Metre Non-Telescopic Flue Terminal (b) 2 x Wall Seal – inner and outer (c) 990mm 990mm



	100mm Concentric		125mm Concentric		80mm Two Pipe System
	Horizontal	Vertical	Horizontal	Vertical	
Maximum Flue Length	8m - 18S 7m - 25S 6m - 35S	9m – 18S 8m – 25S 7m – 35S	30m – 18S 28m – 25S 25m – 35S	30m – 18S 28m – 25S 25m – 35S	95m – 18S 75m – 25S 55m – 35S

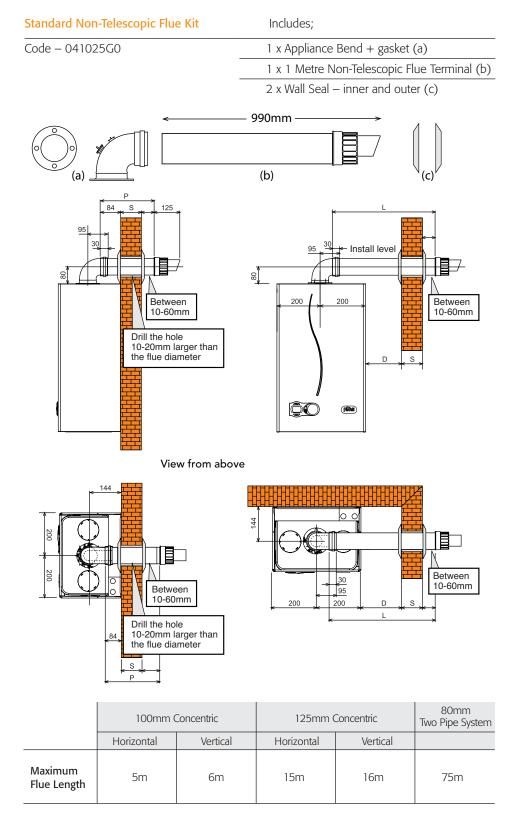


Optimax HE Plus 18ov



	100mm Concentric		125mm Concentric		80mm Two Pipe System
	Horizontal	Vertical	Horizontal	Vertical	
Maximum Flue Length	5m	6m	15m	16m	95m

Optimax HE Plus 25ov





Maximum permissible flue lengths and flue component resistance tables

Table 1 Coaxial Flue: Maximum permissible flue length

Model	Horizontal		Vertical	
iviodei	60/100mm	80/125mm	60/100mm	80/125mm
Modena C HE / Modena S HE / T ONE	7m	28m	8m	28m
DOMIcondens HE 26 C	6m	12m	6m	12m
Optimax HE Plus 31 C	7m	28m	8m	28m
Optimax HE Plus 38 C	6m	25m	7m	25m
Optimax HE Plus18 S	8m	30m	9m	30m
Optimax HE Plus 25 S	7m	28m	8m	28m
Optimax HE Plus 35 S	6m	25m	7m	25m
Optimax HE Plus 18 OV / 25 OV	5m	15m	6m	16m

When calculating resistance factors to determine maximum coaxial horizontal flue lengths, the appliance bend is already allowed for in the stated 'maximum permissible flue length'.







90° Bend



45° Bend

Table 2 Coaxial Flue: Resistance factors

Flue Component	Code	Resistance Factor
60/100mm 90° Bend	041051X0	1m
60/100mm 45° Bend	1KWMA64W	0.5m
80/125mm 90° Bend	1KWMA73W	0.5m
80/125mm 45° Bend	1KWMA72W	0.25m

For each additional flue bend the above resistance values must be added to the overall length of the flue, measured from the centre of the 'appliance bend' to the end of the 'terminal'.

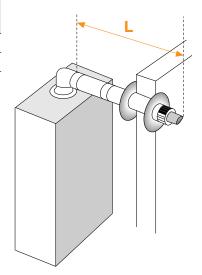
Extended horizontal coaxial flue application

Extended horizontal flue application

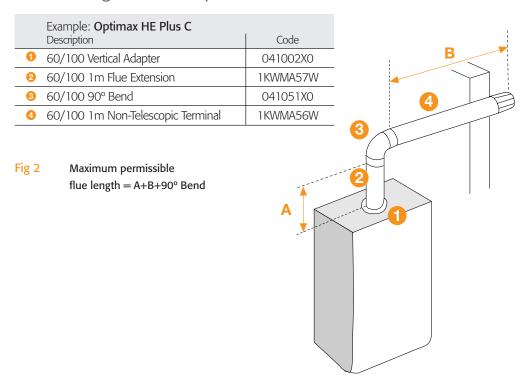
Example: Modena C HE	
Description	Code
Standard Telescopic Flue	041049G0
60/100mm 1m Flue Extension	1KWMA57W

Fig 1 Maximum permissible flue length = L

When calculating resistance factors to determine maximum coaxial horizontal flue lengths, the appliance bend is already allowed for in the stated 'maximum permissible flue length'.



Vertical rise from boiler – terminating horizontally



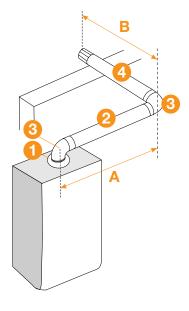


Extended horizontal coaxial flue application

Extended horizontal flue with additional 90° bend

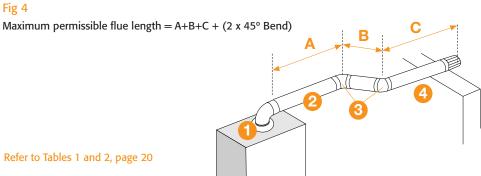
Example: Optimax HE Plus (80/125mm flue)				
Description	Code			
1 60/100 to 80/125 Vertical Adapter	041006X0			
2 80/125 1m Flue Extension	1KWMA59W			
3 80/125 90° Bend	1KWMA73W			
4 80/125 1m Non-Telescopic Horizontal Terminal	1KWMA58W			

Fig 3 Maximum permissible flue length = $A+B + (1 \times 90^{\circ} Bend)$



Horizontal flue with 2 x 45° Bends

Example: Modena C HE Description	Code
Appliance Bend	041001X0
2 60/100 1 m Flue Extension	1KWMA57W
3 45° Bend	041051X0
1 m Non-Telescopic Terminal	1KWMA56W



Please Note: When installing the 80/125mm Horizontal Flue it is always necessary to start with the 60/100 to 80/125 Vertical Adapter + the 80/125 - 90° Bend.

Vertical coaxial flue application

- The flue must be adequately supported throughout its length; the boiler must not be allowed to support the weight of the flue.
- This can be achieved by securing the flue with fixing brackets at each socket/spigot joint, every 1.0 metre horizontally and 1.8 metre intervals vertically.
- Each flue extension and flue component is configured with a spigot end and a socket end; the socket must always face uppermost towards the terminal and the spigot face downwards to the boiler.
- If it is necessary to shorten a flue extension, then the cut must be made at the spigot end.
- Under no circumstances must the upper section of the vertical flue terminal (item 4) be cut (i.e. black plastic section).
- The correct vertical adapter must be used directly off the boiler.

Vertical flue application - 60/100mm

Example: Modena C HE Description	Code
1 60/100 Vertical Adapter	041002X0
2 60/100 1m Flue Extension	1KWMA57W
3 Pitched Roof Slate	1KWMA82U
4 60/100 Vertical Terminal	1KWUK356
6 100mm Support Bracket	1KWMR46A

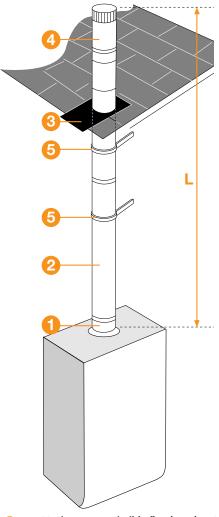
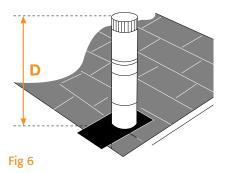


Fig 5 Maximum permissible flue length = L

When using the 60/100mm vertical flue terminal the distance from the roof intersection (Fig.6 – D) is pre-determined by the compatible roof slate – Code: 1KWMA82U





80mm two pipe flue application

- When installing 80mm two pipe horizontal flue system, it is important to incorporate a minimum fall of 3° (55mm per metre) to enable any condensate to drain back to the boiler. The air section is to be installed level or with a slight fall away from the boiler to avoid rain entry (see Fig.7). The air terminal should be fitted below or to the side of the flue gas terminal.
- The 80mm translucent pipe is not intended for external installation. Where the flue exits the wall the special external terminal section must be used. This section is specifically designed with spigot/spigot ends which allow for the push on terminal.
- All flue pipes and components are configured with a spigot and socket, these must be installed with the socket end to the terminal and the spigot end to the boiler.
- The flue must be adequately supported throughout its entire length. Fixing brackets must be installed at maximum intervals of 1m horizontally and 1.8m vertically.

150mm with a minimum 3° (55mm per m) Terminal 150mm Translucent pipe section (internal only) Minimum black plastic prevent rain ingress). (external) outlet terminal, NOT above. 50mm

The flue section to be installed fall back to the boiler.

The air intake pipe should be installed level (or with a slight fall away from the boiler to

The air intake terminal must be below or to the side of the flue

Fig 7

Table 3 80mm two pipe flue: Maximum permissible flue length

Model	Flue Length
MODENA 27C HE	80m
MODENA 32C HE	70m
MODENA S HE (ALL MODELS)	70m
DOMICONDENS HE 26 C	55m
OPTIMAX HE PLUS 31 C	75m
OPTIMAX HE PLUS 38 C	55m

Model	Flue Length
OPTIMAX HE PLUS 18 S	95m
OPTIMAX HE PLUS 25 S	75m
OPTIMAX HE PLUS 35 S	55m
OPTIMAX HE PLUS 18 OV	95m
OPTIMAX HE PLUS 25 OV	75m

Flue calculations

To ensure this maximum length is not exceeded it is necessary to make a simple calculation prior to installation

- Each component is provided with an 'equivalent loss' in linear metres. This 'equivalent loss' is compared to the loss (resistance) of one metre of flue.
- This loss varies depending on the position of installation (i.e. horizontally or vertically) and whether the pipe or component is used on the flue gas/exhaust section or the air intake section (see table 4).
- Table 4 shows the resistance factors for each component (for example a 90° bend has a resistance factor of 2m if fitted on the flue gas section but only 1.5m if on the air intake section).
- A one metre length of 80mm pipe on the flue gas section has a resistance factor of 2m, when installed horizontally but only 1.6m vertically.
- Measure the total length of pipe (x by the resistance factor) and add the resistance of each fitting, using the resistance factors shown in Table 4.

Table 4
80mm two pipe flue: Resistance factors

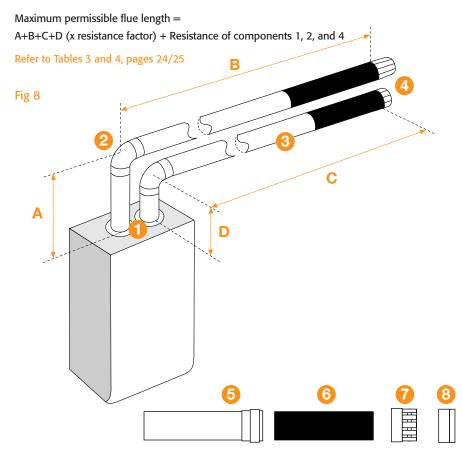
Flue Component	Code	Resistance Factor
80mm Two Pipe Adapter (Flue Gas & Air)	041039X0	0.3m (each)
Horizontal Pipe – Flue	222952 (1m length)	2.0m
Horizontal Pipe – Air	222952 (1m length)	1.0m
Vertical Pipe – Flue	222952 (1m length)	1.6m
Vertical Pipe – Air	222952 (1m length)	1.0m
90° Bend – Flue	222955	2.0m
90° Bend – Air	222955	1.5m
45° Bend – Flue	222954	1.8m
45° Bend – Air	222954	1.2m
Flue Terminal – Horizontal	1KWMA86A	5.0m
Air Intake Terminal – Horizontal	1KWMA85A	2.0m
External terminal section (black plastic)	ZU800008127 (1m)	1.0m
Vertical Flue Terminal (80/80 to 80/125)	010027X0	12.0m



Horizontal flue

80mm two pipe horizontal flue

Example: Flue length A =1 m B =9m C =9m D =1m				
Description	Code	Resistance Factor		Total
		Flue	Air	
80mm Adapter	041039X0	0.3	0.3	0.6
2 90° Bend	222955	2.0	1.5	3.5
3 80mm Pipe (per 1m length)	222952 Horizontal	18.0	9.0	27.0
- committipe (per minengur)	Vertical	1.6	1.0	2.6
4 Terminal – Flue	1KWMA86A	5.0	-	5.0
4 Terminal – Air	1KWMA85A - 2.0		2.0	2.0
Total resistance value in metres			40.7	

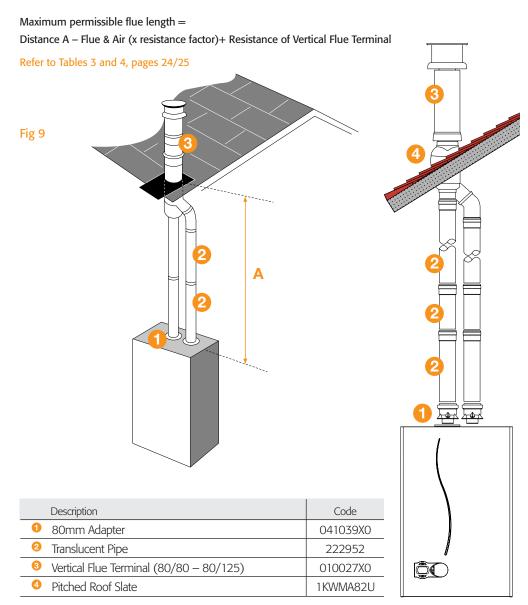


Description	Code
Translucent Pipe – spigot/socket	222952
Terminal Section – spigot/spigot (Black Plastic)	ZU800008127
7 Flue terminal	1KWMA86A
3 Air terminal	1KWMA85A

Vertical flue

80mm two pipe vertical flue

Example: Flue length A = 8m				
Description	Code Resistance Factor			Total
		Flue	Air	
1 80mm Adapter	041039X0	0.3	0.3	0.6
2 80mm Pipe (per 1m length)	222952 Horizontal	_	_	_
Confirm tipe (per firmengar)	Vertical	12.8	8.0	20.8
O Vertical Flue Terminal (80/80 – 80/125)	5) 010027X0		12.0	
Total resistance value in metres				33.4





Plume Displacement Kit - Code: 041042G0

The Plume displacement kit fits onto the Optimax HE Plus, DOMIcondens and Modena HE boilers.

This kit contains all components to allow for safe extraction and management of flue gases and to supply air for combustion.

This kit enables the flue products to be exhausted further away from the air inlet, thereby reducing the visual impact of pluming.

It can be used to overcome many site issues as illustrated in these instructions.

The flue outlet supplied terminates horizontally.

Siting can either be on a wall face with the terminal exhausting at right angles (or 45°) to the wall, or above the eaves of a building.

Terminals exhausting vertically above the eaves may need additional support.

Please note that the plume kit should not be used to circumvent correct terminal locations as described in BS 5440:1 and Building Regulations Approved Document J.

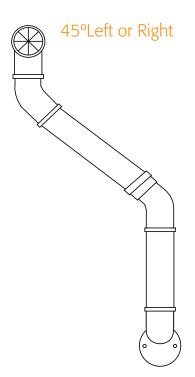
Vertical

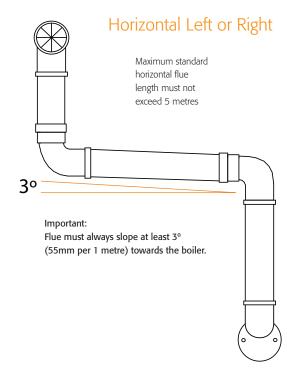
Maximum installation length 10 metres from air inlet to top of horizontal terminal.

Minimum installation length 500mm from air inlet to top of horizontal terminal.

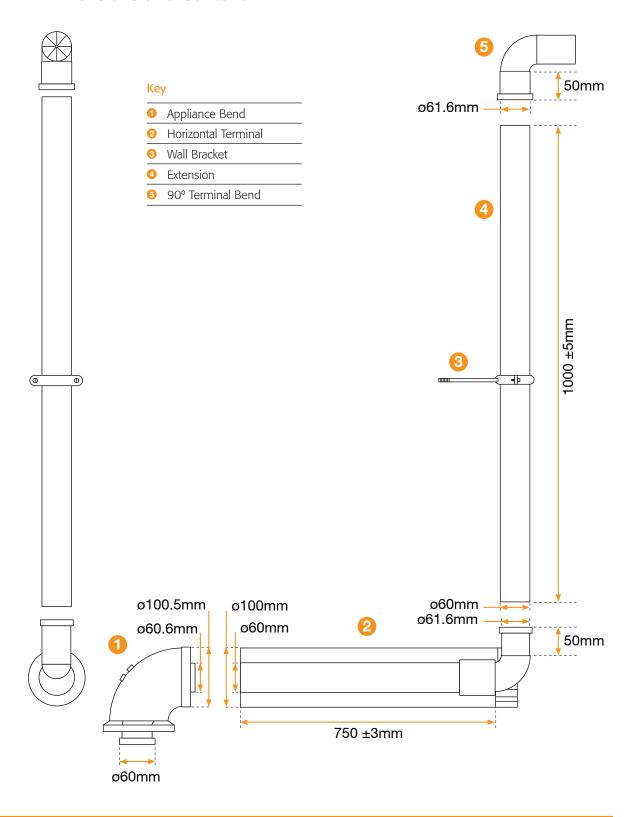
For each additional metre length on standard horizontal flue reduce Plume Management Kit equivalent length by 3 meters.







Dimensions and Content





Fixing Instructions

The standard length of the concentric flue is 750mm, this can be extended if required, but will reduce the distance the plume kit can travel (see maximum flue/plume length chart).

The concentric flue kit must be cut to size if the full length is not required. The air intake must terminate flush with the outer fabric of the property. This is to ensure the plume kit pipe does not stand off the wall.

If any cuts need to be made to any part of the flue system, the cuts need to be made square and burrs removed after cutting, failure to do this could result in the seals within the flue to be displaced or damaged.

Make sure any seals in the flue system are fully lubricated before assembly.

Installation

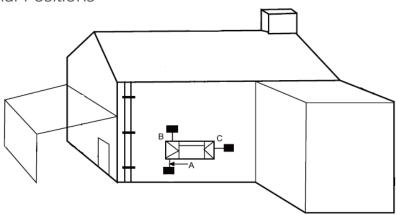
- Remove white flue label from top of the boiler and fully expose the screw holes. Fit the black flue
 gasket to the appliance bend. Fit elbow to top of boiler and secure with the four fixing screws. It is
 necessary to lubricate the inner flue seal before fitting.
- From the outside slide the concentric flue through the hole and ease the flue into the elbow making sure the inner flue seal is not being forced out.
- Check the flue is level.
- · Seal the wall with silicone or sand and cement.
- The plume kit comes with 1m of plume pipe; extensions are available (see accessory list)
- The plume extension can be cut to size; make sure the cuts are square and any burrs are removed.
- The minimum length of plume kit allowed is 500mm this is to allow adequate fixing.
- When joining plume pipes together make sure and seals are lubricated. When the sections are pushed together take extra care not to damage or dislodge the seal.
- Every 1m section of plume pipe must be secured with a fixing bracket. If the plume kit is to terminate above the eaves additional securing brackets will be required.

Note: Any horizontal section of flue should always have a fall of at least 3° (55mm per metre) back to the boiler.

Code	Part Description	Dimensions
041002G0	Extension	Dia. 60mm x 1000mm
041001G0	Wall bracket	160mm Total
041005G0	45° Bend	Dia. 60mm x 50mm
041000G0	90° Bend	Dia. 60mm x 150mm



Terminal Positions



Minimum siting dimensions for terminal positions

Directly below an opening, air brick, opening windows	300mm
Directly above an opening, air brick, opening windows	300mm
O Horizontally to an opening, air brick, opening windows	300mm
Minimum siting dimensions for air inlet	
Directly below an opening window	150mm
3 Directly above an opening window	150mm
Horizontally to an opening window	150mm

Note: These measurements are only used in conjunction with the plume displacement kit. If the kit is removed please refer back to boiler installation manual for flue terminal positioning. For further guidance on siting requirements please see boiler installation manual.

Maximum Flue Lengths

Boiler Model	Flue/plume length inc. concentric pipe
MODENA 27C HE	5m
MODENA 32C HE	5m
MODENA S HE (ALL MODE	ELS) 5m
T-ONE	5m
DOMICONDENS HE 26 C	4m
OPTIMAX HE PLUS 31 C	6m

Boiler Model	Flue/plume length inc. concentric pipe
OPTIMAX HE PLUS 38 C	5m
OPTIMAX HE PLUS 18 S	7m
OPTIMAX HE PLUS 25 S	6m
OPTIMAX HE PLUS 35 S	5m
OPTIMAX HE PLUS 18 OV	7m
OPTIMAX HE PLUS 25 OV	6m

OPTIMAX HE Range

- Maximum standard horizontal flue length must not exceed 4m
- For each additional metre length on standard horizontal flue reduce plume displacement kit length by 3m.



Flues in voids

Where the flue is installed in a ceiling or roof void, particular attention must be made to the current Building Regulations with respect to inspection hatches (Ref: GasSafe TB008 flues in voids). The inspection hatches are necessary to allow visual inspection of the entire flue system to ensure;

- The flue is continuous throughout its length
- All joints appear correctly assembled and are appropriately sealed
- The flue is adequately supported throughout its length
- The required gradient of fall back to the boiler has been provided.

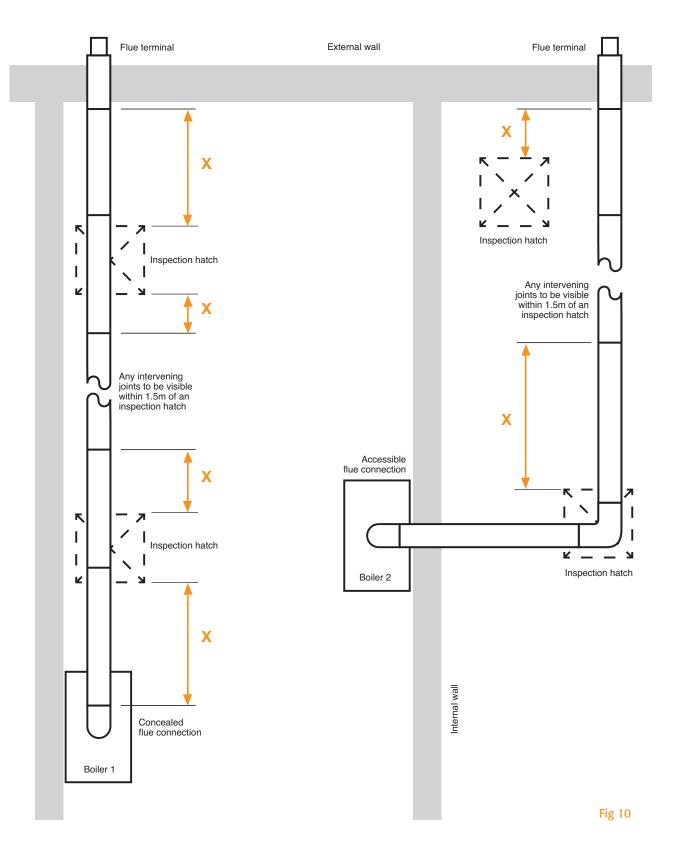
Access points to allow visual inspection must be made available at distances shown in the following diagram (Fig 10).

All voids containing concealed flues should have at least one inspection hatch measuring at least 300mm square.

No flue joint within the void should be more than 1.5m distance from the edge of nearest inspection hatch, i.e. dimension 'X' in the diagram should be less than 1.5m.

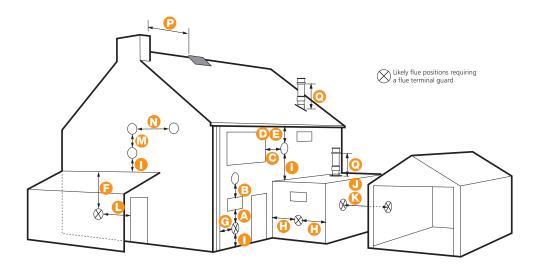
Where possible inspection hatches should be located at changes of direction. Where this is not possible then bends should be viewable from both directions.







Flue terminal positions



Minimum dimensions of fume exhaust terminals

Directly below an opening, air brick, opening windows etc	300mm
Above an opening, air brick, opening windows etc	300mm
Horizontally to an opening, air brick, opening windows etc	300mm
Below gutters, soil pipes or drain pipes	75mm
Below eaves	200mm
Below balconies or car port	200mm
6 From a vertical drain pipe or soil pipe	150mm
From an internal or external corner	100mm
Above ground roof or balcony level	300mm
From a surface facing the terminal	600mm
From a terminal facing the terminal	1200mm
• From an opening in the car port (i.e. door, window) into the dwelling	1200mm
Vertically from a terminal on the same wall	1500mm
Horizontally from a terminal on the same wall	300mm
From the wall on which the terminal is mounted	N/A
From a vertical structure on the roof	300mm
Above intersection with roof	300mm

Note:

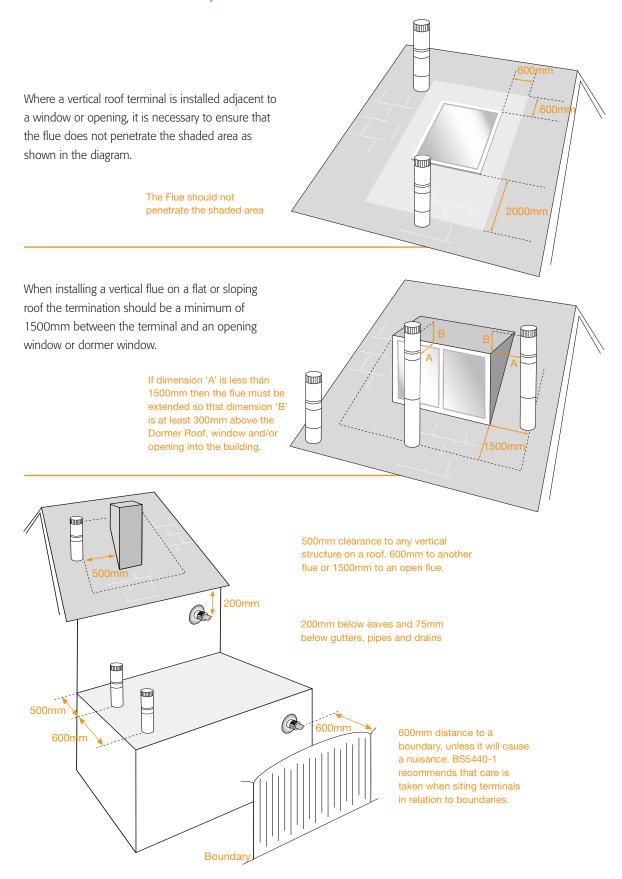
In addition the terminal must be at least 150mm (fanned draught) from an opening in the building fabric for the purpose of accommodating a built in element such as a window frame.

Terminal guards must be fitted if the flue is less than 2m from the ground or if a person could come into contact with the flue terminal.

To avoid nuisance 'pluming' the installer may wish to adopt the guidance in 'The Guide to Condensing Boiler Installation Assessment Procedure for Dwellings' as suggested in Building Regulations Approved Document J.



Flue terminal positions





60/100mm Flue components



1KWMA57W 60/100mm 1m Flue Extension



041002X0 60/100mm Vertical Adaptor



1KWMA64W 60/100mm 45° Bend



1KWUK356 60/100mm Vertical Terminal



041051X0 **60/100mm 90° Bend**



1KWMR11A 60/100mm Wall Seal



1KWMR46A 100mm Flue Support Bracket



1KWMA56W 60/100mm Horizontal Terminal







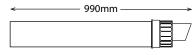


60/100mm Telescopic Flue Kit

041049G0



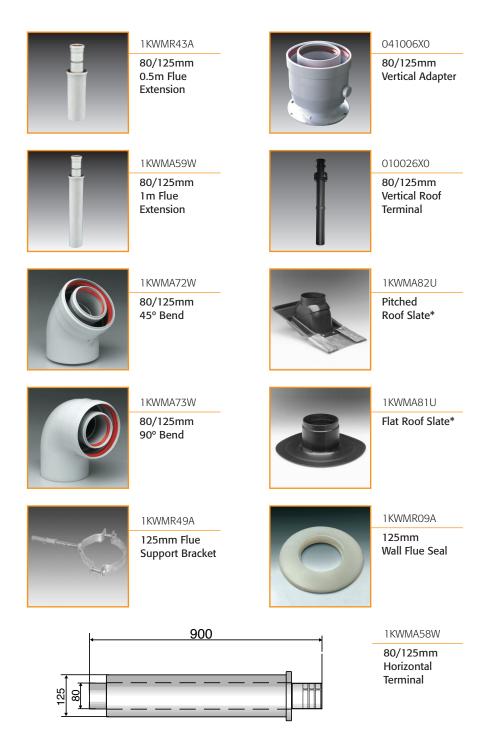






041025G0 60/100mm Standard Non-Telescopic Flu Kit

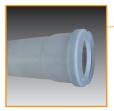
80/125mm Flue components



^{*}Suitable for all Ferroli Vertical Roof Terminal Sets

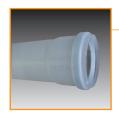


80mm Flue components



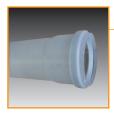
ZU00008115

80mm 0.5m Flue Extension PP (spigot/socket)



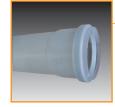
222953

80mm 2.0m Flue Extension PP (spigot/socket)



222952

80mm 1m Flue Extension PP (spigot/socket)



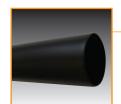
51608094

80mm 3.0m Flue Extension PP (spigot/socket)



222954

80mm 45° Bend



ZU00008127

80mm Black Plastic Terminal Section (spigot/spigot)



222955

80mm 90° Bend



1KWMA86A

80mm Horizontal Flue Gas Terminal



010027X0

80mm Vertical Roof Terminal



1KWMA85A

80mm Horizontal Flue Air Terminal



1KWMA84A

80mm Flue Support Bracket



1KWMA84A

80mm Outer Wall Flue Seal



041039X0

80mm Vertical Adapter



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