

2359079	1500 mm extension	1500 mm
2359089	Telescopic extension	350-490 mm
2359049	45° bend (pair)	220mm
2359059	90° bend	N/A
529	Wall bracket (5)	N/A

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Using the template provided (A), mark and drill a 125mm hole for the passage of the flue pipe. The hole should have a 1° drop from the appliance to outside, to eliminate the possibility of rainwater entering the appliance via the flue.

The fixing holes for the wall-mounting bracket should now be drilled and plugged, an appropriate type and quantity of fixing should be used to ensure that the bracket is mounted securely.

Once the bracket has been secured to the wall, mount the appliance onto the bracket.

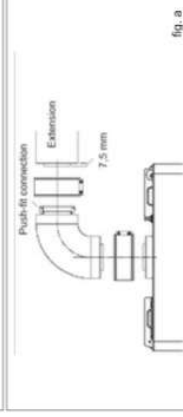
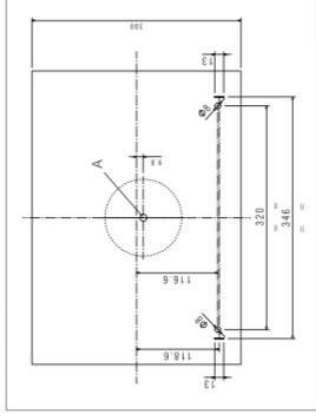


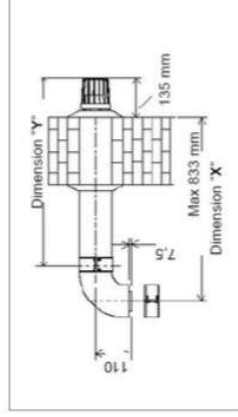
fig. a

Fitting the horizontal flue kit

Carefully measure the distance from the centre of the appliance flue outlet to the face of the outside wall (dimension 'X'). Ensure the inner (60mm) pipe is fully inserted into the outer (100mm) pipe (when the inner pipe is fully inserted, it stands proud of the outer pipe by 7.5mm). Add 32mm to dimension 'X' to give the overall flue length (dimension 'Y').

NOTE

The standard horizontal flue kit (part no. 2359029) is suitable for a distance (dimension 'Y') of up to 865mm.
The telescopic flue kit (part no. 2359119) is suitable for a distance (dimension 'Y') of up to 600mm.
Dimension 'Y' is measured from the end of the terminal to the end of the outer (100mm) pipe. The internal trim should be fitted to the flue pipe before connection of the 90° bend.



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Extending the flue

The horizontal flue system can be extended using bends and/or extensions from the Uni-Flue range.

Connect the bend – supplied with the terminal kit – to the top of the appliance using the clips, screws, & gaskets supplied. The additional bends & extensions have an internal push-fit connection, care should be taken to ensure that the correct seal is made when assembling the flue system. Connect the required number of flue extensions or bends (up to the maximum equivalent flue length) to the flue terminal using the clips, screws, & gaskets supplied (see fig. a & fig. b). The interior trim should be fitted at this point.

NOTE

When cutting an extension to the required length, you must ensure that the excess is cut from the plain end of the extension, and that the inner (60mm) pipe is 7.5mm longer than outer (100mm) pipe. Remove any burrs, and check that any seals are located properly.

You must ensure that the entire flue system is properly supported and connected.

Seal the flue assembly to the wall using cement or a suitable alternative that will provide satisfactory weatherproofing. The exterior trim can now be fitted.

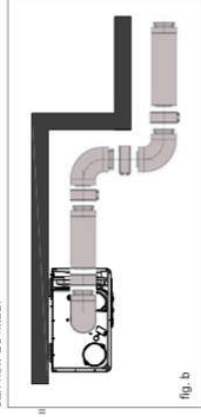


fig. b

Concentric vertical flue

The appliance can be used with either the Vokera 60/100mm concentric Uni-flue system or the optional Vokera twin flue system.

Total flue length 60-100	Restrictor required
Up to 1.85 metre	41 mm diameter
From 1.85 to 2.70 metre	43 mm diameter
From 2.70 to 3.70 metre	45 mm diameter
From 3.70 to 4.40 metre	Not installed

NOTE

These instructions relate only to the Vokera 60/100mm concentric flue system. For specific details on the installation

of the Vokera twin flue system please refer to the instructions supplied. The vertical flue terminal can be connected directly to the appliance flue outlet. Alternatively, an extension or bend can be connected to the appliance flue outlet if desired, however if additional bends are fitted, a reduction must be made to the maximum flue length (see table below).

Reduction for bends

Bend	Reduction in maximum flue length for each bend
45° bend	1.0 metre (60/100)
90° bend	1.5 metre (60/100)

Vertical flue terminal and accessories

Part No.	Description	Length
2359039	Vertical flue terminal	1.0 metre
531	Pitched roof flashing plate	N/A
532	Flat roof flashing plate	N/A
2359069	750 mm extension	750 mm

Guidance notes on twin flue installation

- The flue must have a fall back of 1° back to the appliance to allow any condensate that forms in the flue system to drain via the condensate drain. Consideration must also be given to the fact that there is the possibility of a small amount of condensate dripping from the terminal.
- Ensure that the entire flue system is adequately supported, use at least one bracket for each extension.
- Extreme care must be taken to ensure that no debris is allowed to enter the flue system at any time.
- As the exhaust outlet pipe can reach very high temperatures it must be protected to prevent persons touching the hot surface.

Part No.	Description	Length
2359079	1500 mm extension	1500 mm
2359049	45° bend (pair)	N/A
2359059	90° bend	N/A
529	Wall bracket (5)	N/A

Using the dimensions given in 'fig. a' as a reference, mark and cut a 125mm hole in the ceiling and/or roof.

Fit the appropriate flashing plate to the roof and insert the vertical flue terminal through the flashing plate from the outside, ensuring that the collar on the flue terminal fits over the flashing.

The fixing holes for the wall-mounting bracket should now be drilled and plugged, an 'appropriate type and quantity' of fixing should be used to ensure that the bracket is mounted securely. Once the bracket

Bend	Reduction in maximum flue length for each bend
45° bend	1.0 metre
90° bend	1.2 metre