

Reno

PLUME MANAGEMENT KIT Fitting Instructions

1. GENERAL DESCRIPTION

This kit provides the necessary components to assemble a plume management system. The kit is fitted to a flue terminal allowing the inner flue duct to be extended to a terminal position where the plume will not cause a nuisance.

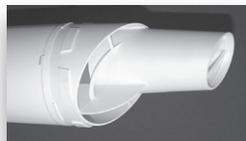
| ITEM | DESCRIPTION | QTY |
|------|---------------------------|-----|
| 1 | 1000mm Straight Extension | 1 |
| 2 | 500mm Straight Extension | 1 |
| 3 | 90° Elbow with grille | 1 |
| 4 | 90° Elbow | 1 |
| 5 | 45° Elbow | 1 |
| 6 | Adaptor | 1 |
| 7 | Wall Bracket | 2 |



Figure 1

2. TERMINAL TYPE 1

To fit the plume management kit to terminal type 1



Section need are:

| | | |
|---|---------------------------|---|
| 1 | 1000mm Straight Extension | 1 |
| 2 | 500mm Straight Extension | 1 |
| 3 | 90° Elbow with grille | 1 |
| 5 | 45° Elbow | 1 |
| 6 | Adaptor | 1 |
| 7 | Wall Bracket | 2 |

- 2.1 Fit the boiler and horizontal terminal as required.
- 2.2 Fit the plume management kit together. The 500mm extension (2) will determine the fixing distance on the outside wall.
- 2.3 Cut the plume extension to the desired length measuring from the female end as shown in Figure 2. Making sure the ends are square and free from burrs.

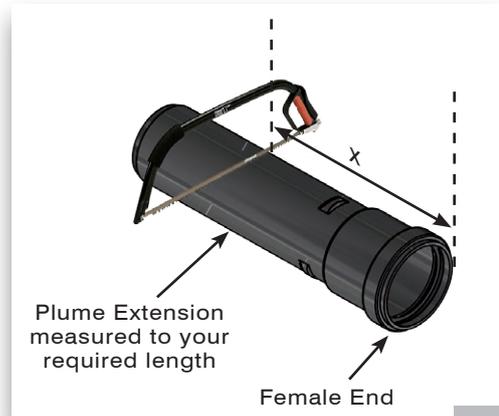


Figure 2

- 2.4 Fit the plume management kit over the end of the horizontal flue as shown in Figure 3 and rotate it to the direction required.
- 2.5 Secure the plume management duct to the wall using the 2 brackets supplied.
- 2.6 Any horizontal runs must have a minimum of a 3° fall back to the boiler
- 2.7 The standard kit can be extended by using extra lengths and elbows as required.
- 2.8 Support the flue as required using fixing bracket 1000-0020770 it is recommended that horizontal runs have 1 clamp per extension.

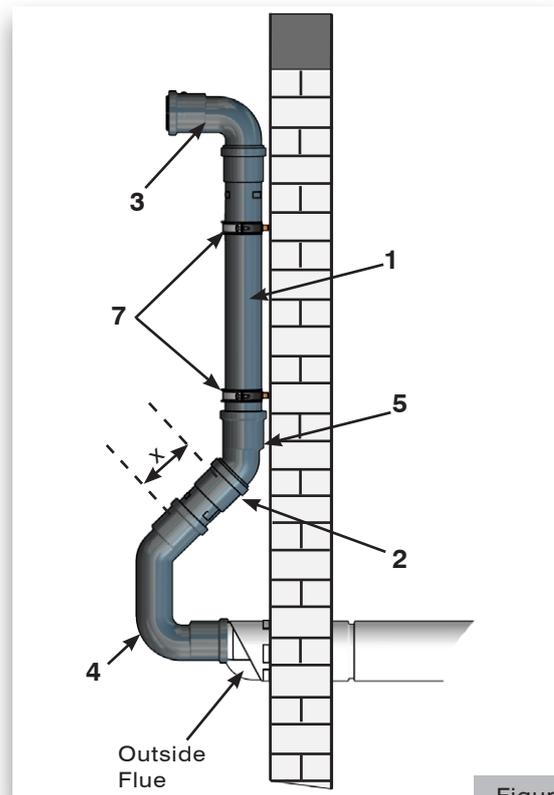
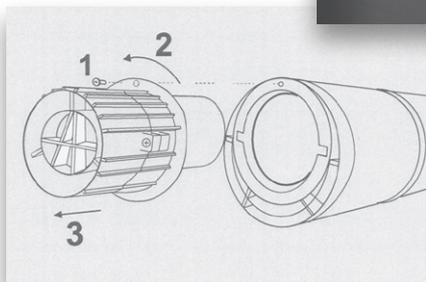


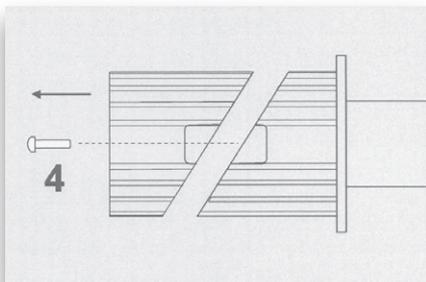
Figure 3

3. TERMINAL TYPE 2

To fit terminal type 2

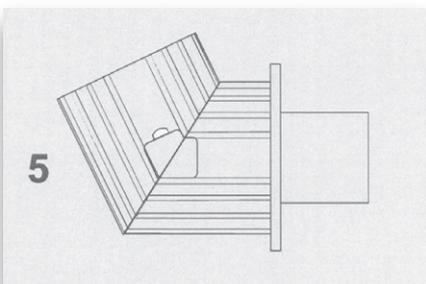


- 3.1 Release the screw (1) securing the terminal and remove the terminal by turning anti-clockwise



(2) and pulling it from the flue assembly (3).

- 3.2 Release the two screws (4) securing the end part of the terminal reposition this part (5) at an angle of 45° onto the terminal and secure with the two screws previously removed.

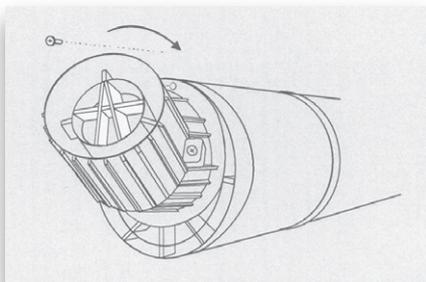


Note: Do not over tighten the screws.

- 3.3. Locate the terminal in one of the three positions, as required, by turning clockwise and secure in position using the screw previously removed.

Note: Altering the terminal to give this 45° deflection reduces the maximum equivalent flue length by 0.9m.

- 3.4 Fit the plume management kit together.
3.5 Fit the kit over the end of the horizontal flue.



To fit the plume management kit to terminal type 2

Sections needed are:

| | | |
|---|---------------------------|---|
| 1 | 1000mm Straight Extension | 1 |
| 3 | 90° Elbow with grille | 1 |
| 4 | 90° Elbow | 1 |
| 7 | Wall Bracket | 2 |

- 3.6 Release the screw (1) securing the terminal and remove the terminal by turning anti-clockwise (2) and pulling it from the flue assembly (3) and discard.
- 3.7 Secure the plume management duct to the wall using the 2 brackets supplied.
- 3.8 Any horizontal runs must have a minimum of a 3° fall back to the boiler.
- 3.9 The standard kit can be extended by using extra lengths and elbows as required.
- 3.10 Support the flue as required using fixing bracket 1000-0020770 it is recommended that horizontal runs have 1 clamp per extension.

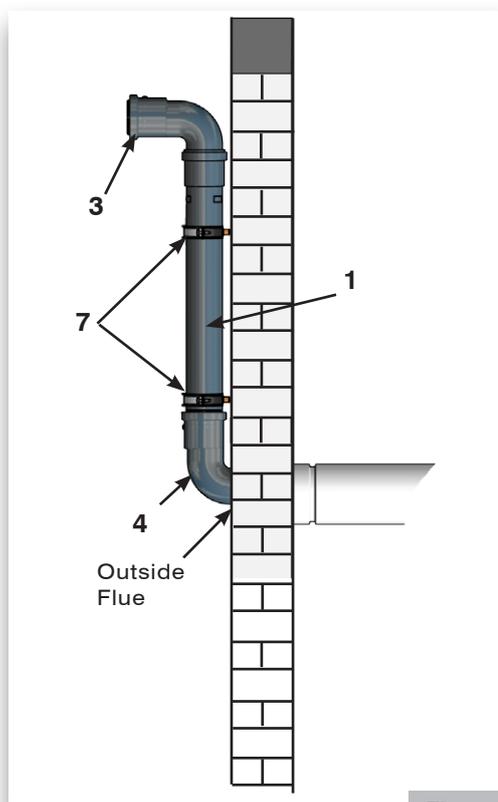


Figure 4