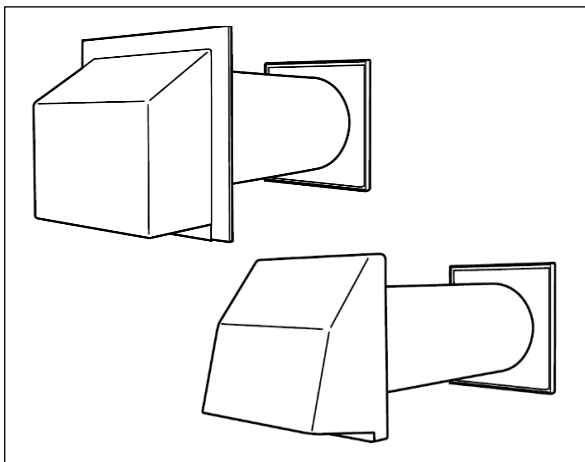




Airflow 100mm & 125mm Wallvent Installation Guide



Contents

100mm Wallvent Fixing External Grille	5
100mm Wallvent Fixing Internal Grille	8
125mm Wallvent Fixing External Grille	9
125mm Wallvent Fixing Internal Grille	11

1. To minimise cracking, drill a pilot hole and then core drill from both sides into the cavity.

NOTE: *Horizontal ducting, including ducting in walls should be arranged to slope slightly downwards away from the internal grille to prevent backflow of any moisture into the property.*

*Use a 102mm dia. Core drill for Airflow 100mm Wallvent.
Use a 127mm dia. Core drill for Airflow 125mm Wallvent.*

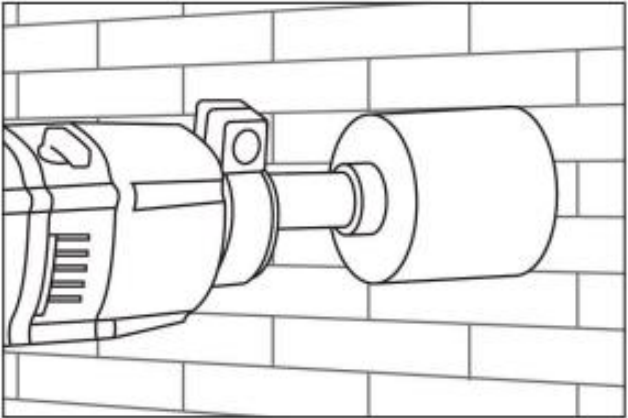


Fig. 1

1. Measure the wall thickness and cut the duct to length.
2. The tube should be flush to the inside and outside surfaces.

NOTE: *Airflow 125mm Wallvent duct comes in three detachable pieces.*

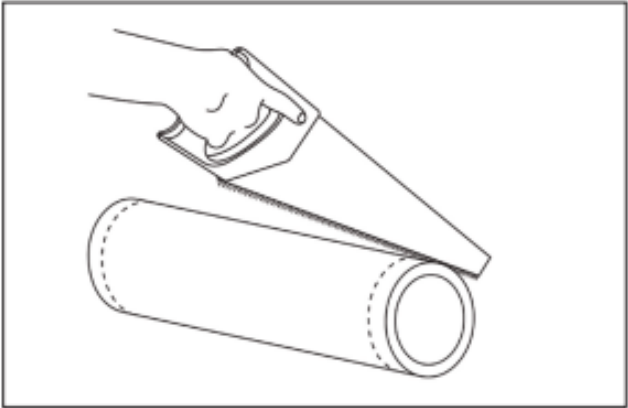


Fig.2 - For Airflow 100mm Wallvent only.

3. To ensure the integrity of the wall, each end of the cut duct between the duct and the wall should be sealed.

The internal and external grilles can be fitted using either screws or sealant/mastic. However, the following steps can be followed for guidance purposes:

100mm Wallvent Fixing External Grille

1. The external grille can be fixed to the brickwork using screws in the preformed holes located on the reverse side of the grille. (Fittings not supplied.)
2. Carefully unclip the weather hood from the grille. Clasps are located on the reverse of the grille below the spigot.
3. Next, unclip the louvre panel from the grille backplate by using a flat head screwdriver in the gap shown below.

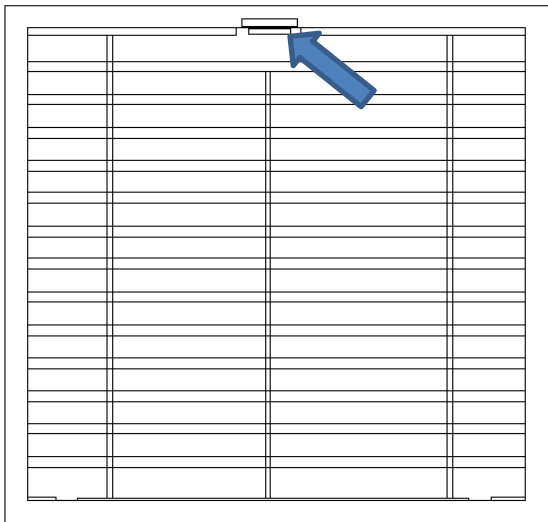


Fig.3

4. The preformed holes for fixing the external grille to the brick will be located at each corner of the backplate.

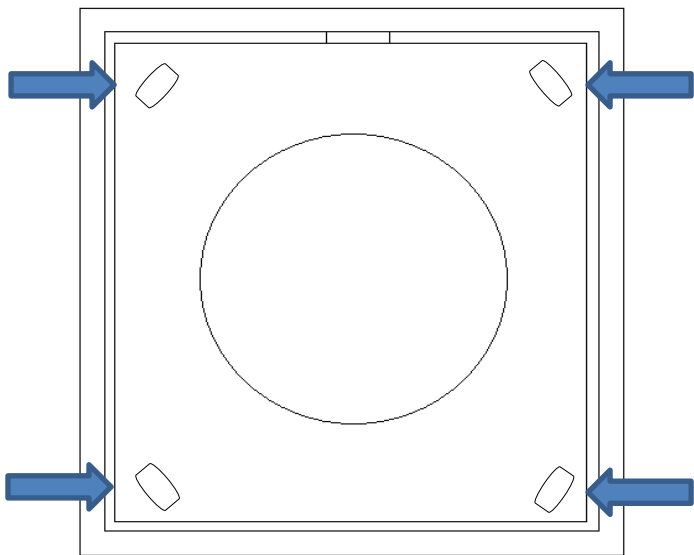


Fig.4

5. Apply a bead of sealant around the spigot of the external grille. (Sealant not supplied.)

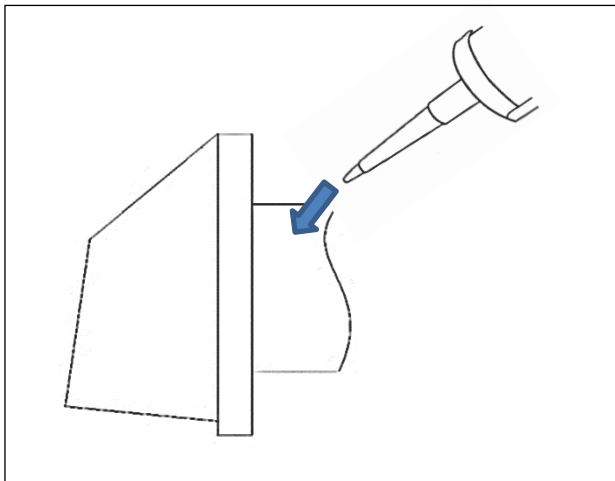


Fig.5

6. Insert the external grille inside the duct from the outside.
7. Before the sealant sets, ensure the grille is flush and level before screw fixing.
8. Once fixed, re-attach the louvre panel and weather hood ensuring they are securely in place.

100mm Wallvent Fixing Internal Grille

1. Unclip the louvre panel from the grille backplate by using a flat head screwdriver in the gap shown in *Fig.3*.
2. The preformed holes for fixing the internal grille to the internal wall will be located at each corner of the backplate – refer to *Fig.4*.
3. To fix the internal grille, apply a bead of sealant around the spigot.

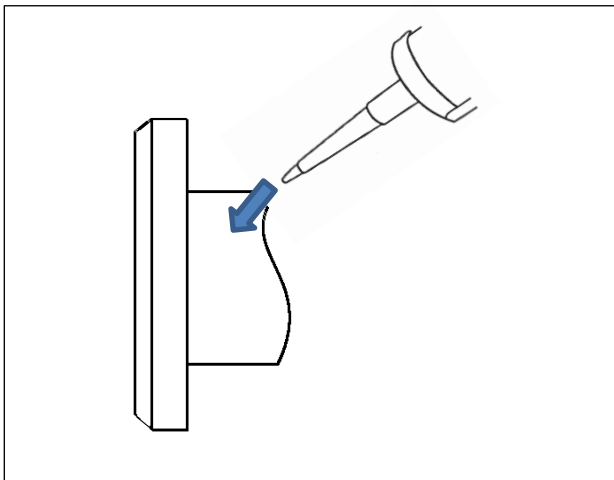


Fig.6

4. Insert the internal grille backplate into the duct.
5. Before the sealant sets, ensure the grille is flush and level before screw fixing.

125mm Wallvent Fixing External Grille

1. The external grille can be fixed to the external brickwork using the preformed holes located on the reverse side of the external grille in each corner. Fittings not supplied.
2. Punch-through the holes on the reverse side of the external grille using a suitable tool, avoiding damage to the plastic panel.

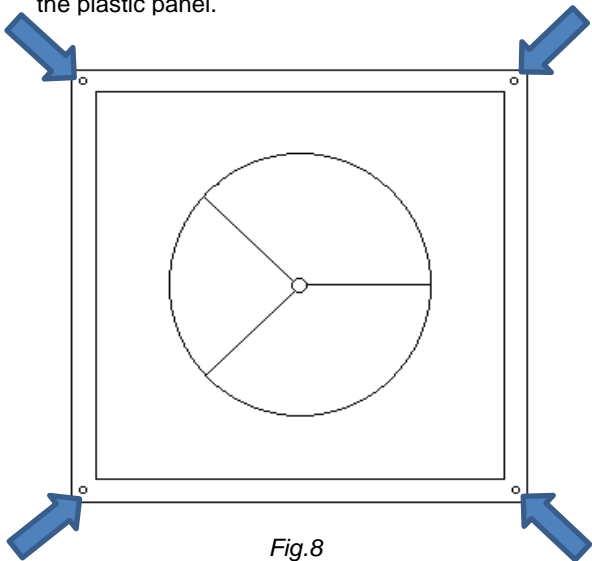


Fig.8

3. Apply a bead of sealant around the spigot of the external grille. (Sealant not supplied.)

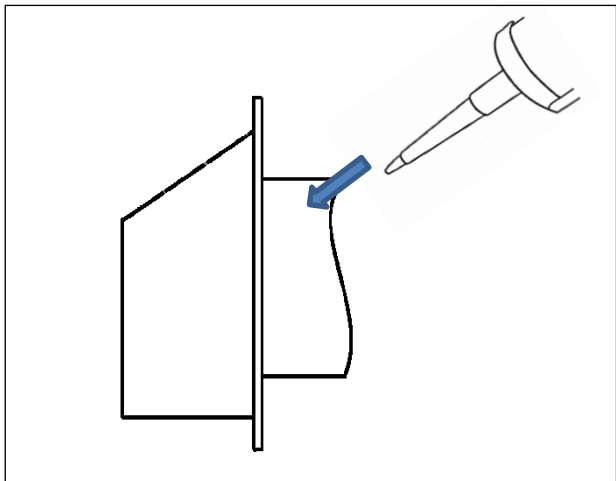


Fig.9

4. Insert the external grille to the duct from the outside.
5. Before the sealant sets, secure the grille to the wall using the punched holes in each corner, ensuring the grille is flush and level.

125mm Wallvent Fixing Internal Grille

1. The internal grille can then be mounted using the preformed holes found on grille backplate.

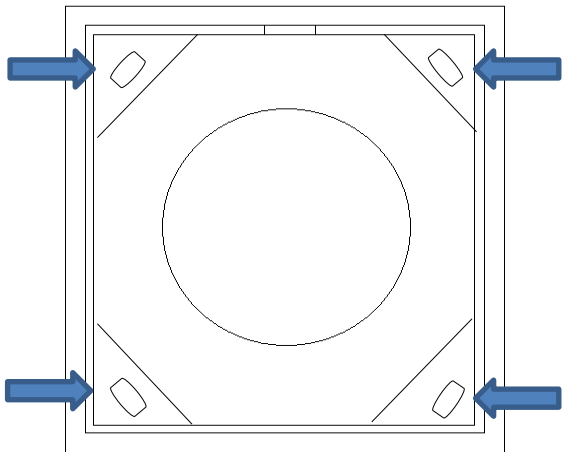


Fig.10

2. Detach the louvre panel from the grille backplate by using a flat head screwdriver in the gap shown below.

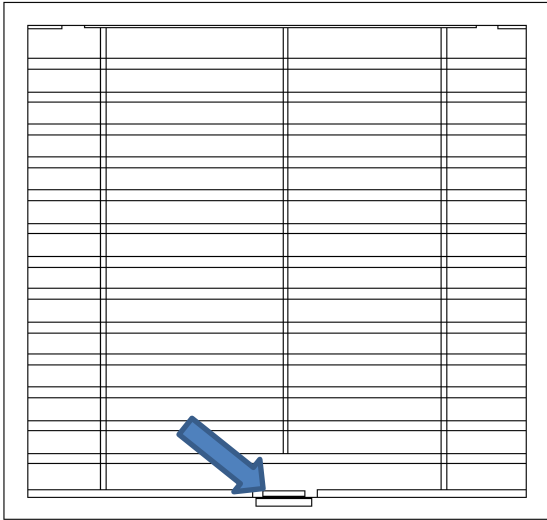


Fig.11

3. Apply a bead of sealant around the spigot to secure the internal grille in place.

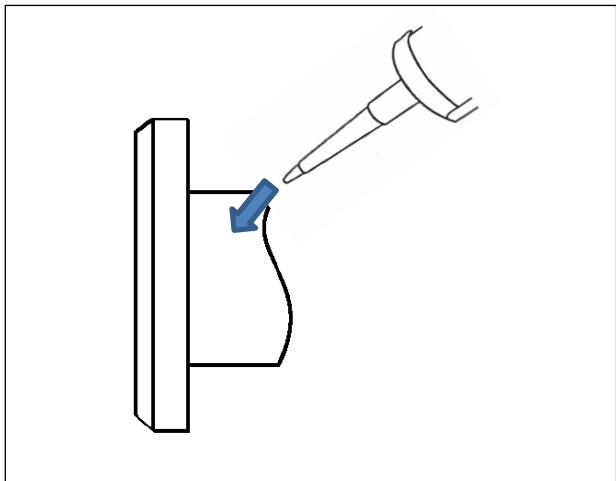
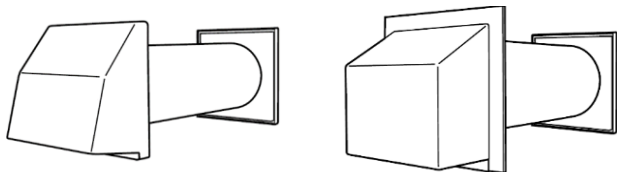


Fig. 12

4. Insert the internal grille into the duct.
5. Before the sealant sets, fix the grille in place ensuring it is flush and level before screw fixing.



**UK
CA C E**

AIRFLOW ®

UK Head-Office

AIRFLOW DEVELOPMENTS LTD
Aidelle House, Lancaster Road
Cressex Business Park
High Wycombe
Buckinghamshire
HP12 3QP
United Kingdom

Tele: +44 (0) 1494 525252
Fax: +44 (0) 1494 461073
Email: info@airflow.com
Web: airflow.com

Germany

AIRFLOW LUFTECHNIK GMBH
Wolbersacker 16
53359 Rheinbach
Germany

Tele: +49 (0) 222 69205 0
Fax: +49 (0) 222 69205 11
Email: info@airflow.de
Web: airflow.de

Czech Republic

AIRFLOW LUFTECHNIK GMBH
o.s. Praha Hostýnská 520
108 00 Praha 10
Malešice
Czech Republic.

Tele: +42 (0) 2 7477 2230
Fax: +42 (0) 2 7477 2370
Email: info@airflow.de
Web: airflow.cz