

# Conservation Vent ( CON4 ) Installation



The conservation cowled vent grille is ideally suited to bathroom, cloakroom, tumble dryer outlets and all outlets and inlets where a 4" ( 100mm ) ducting is used. White flexible ducting is a tight fit on the back of the grille and can be fitted without any clamps, although a tie wrap or jubilee clip can be fitted if desired.

**This cowled vent will prevent the majority of backdraughts and can be installed by attaching 4 " flexible ducting to the spigot on the rear and attaching to the wall with 4 screws, that ' s it—fitted.**

If insects or rodents are likely to gain access into the ducting then we have a number of suggestions that may prove useful. The instructions given here are for guidance, the actual order of the installation of the components and the procedure to fit them onsite will vary from these examples. In particular, care should be taken to ascertain the order and direction components are fitted into core drilled holes , it is likely that some of the components need to be attached to the Conservation vent grille and then fed in from the outside wall of the property which would mean this process needs to be completed early in the installation rather than later. This is especially true if only a short length of flexible hose is connected to the Conservation vent grille.

## Flap Valve to prevent Insects



**Fittings from left to right are...**

**4 " Pipe**

**Pipe Clamp**

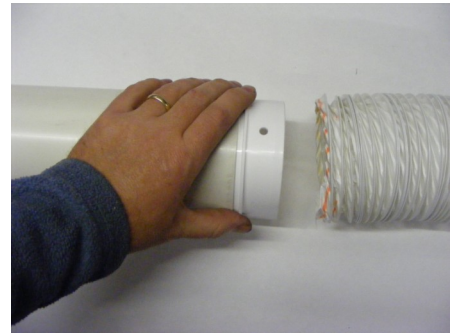
**4 " Flap Valve**

**4 " Pipe**

**4 " connector**

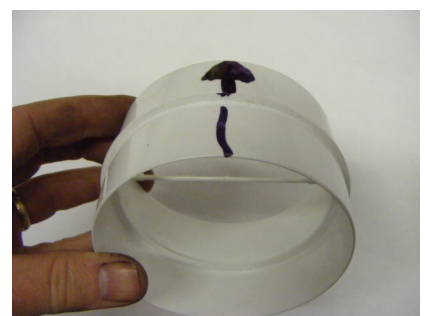
**1 metre of 4 " flexible hose**

**Conservation Vent ( CON4 )**



A ) Connect the flexible hose onto the spigot at the back of the Conservation Vent (item CON4 ) by carefully pushing into place and connect the other end of the flexible hose into a 4" connector, which itself, is inserted into a 4 " pipe.

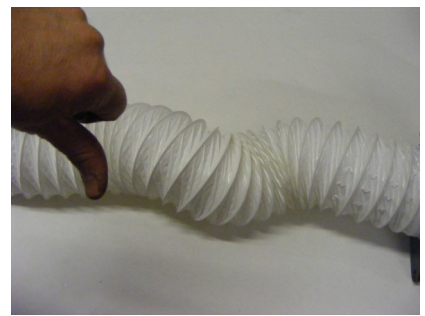
B ) Put to one side (or fit by feeding into core drilled hole from outside and screw conservation vent grille to wall ) and take up the flap valve. Carefully examine the flap valve, it will only operate correctly if it is installed the right way up and will only allow air to flow in one direction.



C ) Mark with a pen the top of the of the flap valve and the direction of air flow .

D ) Ensure the flap valve is fitted the right way up and remains in the correct position by using a clamp to hold the 4 " pipe in the correct position.

E ) Ensure the flap valve is in the correct position and the correct way round and then glue using a suitable solvent pipe adhesive. Make sure the flexible hose isn ' t twisted.



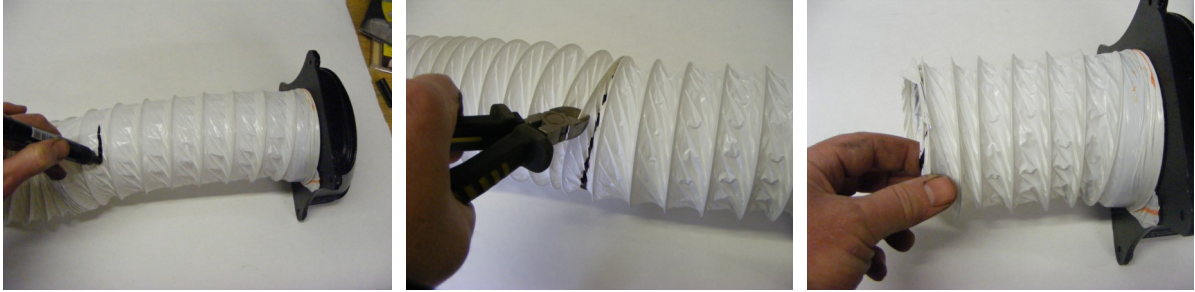
**Note:** It is possible to assemble the components outside the property and then carefully feed the components in from the outside and then clamp in position. If using this method ensure the position of the top of the flap valve is marked up clearly so it is upright before securing in position.



## Flap valve to prevent rodents ( as well as draughts and insects )

A ) Start by positioning the Conservation in the 4" ( 100 ) mm bored hole and mark up and drill the holes for the four securing screws.

B ) Now mark the flexible hose with a pen and cut with a sharp knife and a pair of wire cutters



B ) Then connect up the other end of the flexible hose to the flap valve and check the valve opens and closes by pushing the top of the flap valve in from inside the conservation vent grille



C ) Feed the ducting assembly, complete with the Conservation Vent in from the outside and secure the Conservation grille in position using four screws ( not supplied ) .

D ) From the inside, ensure the flap valve is upright and secure the rigid pipe with a clamp and attach assembly to room fan or ducting

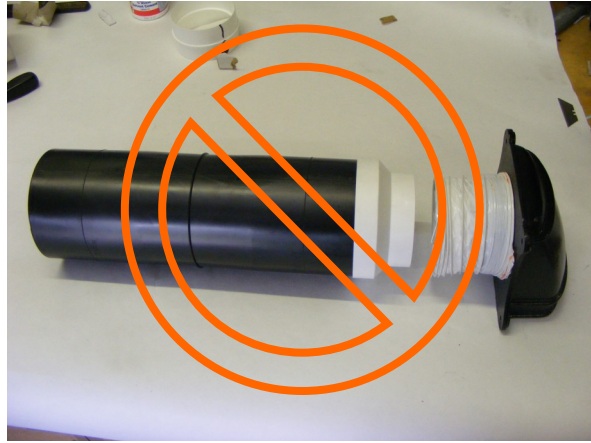
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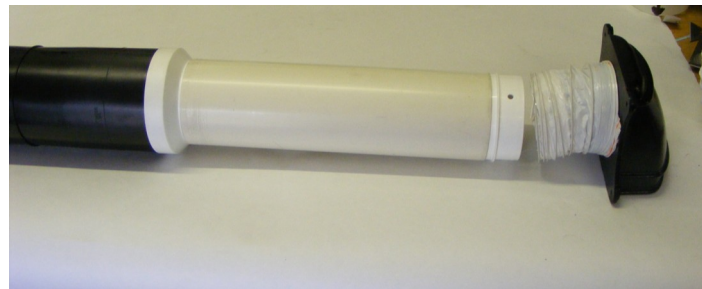
## Using a Baffle Tube to overcome backdraughts and rodents



The principles shown for the flap valve installation are very similar. Just remember that the baffle tubes are 5" (125mm) or 6" (150mm) in diameter and will therefore need to have a reducer fitted to connect up to the conservation vent. Do not attempt to fit the baffle tube as above —the conservation vent needs to locate into a 4" core drilled hole. If the core drilled hole is 5" or more there may not be enough material in the wall to drill the holes and secure the vent grille on the outside wall. Instead use a long flexible hose or for rodent prevention proceed as follows:-



- A) Fit a short length of flexible to the conservation vent grille and then connect to a 4" c connector which is fitted into a 4" pipe.
- B) Feed in from the outside and then connect a 4 to 5" reducer on the end of the 4" pipe. Finally connect the baffle tube.



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