



Anti Flood Vent Cover

Installation Guide



At M3 we are continually searching the Globe for new technologies and working processes that we can harness to enable us to deliver Innovative solutions that benefit the Environment and provide enhanced value to our Clients

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Contents

Introduction	4
Checklist	6
Pre Installation	7
Installation	8
Removal	10
Maintenance	11

■ Introduction

Anti Flood Vent Covers

Defender Flood prevention vent covers are designed and fabricated to protect property / building flooding through openings spanning the buildings external walls.

Vent covers can be used for all applications on a property **EXCEPT** for any gas appliance vent such as heater, boiler or gas fire.

All Vents are tested to BS 851188:2019 and carry a Kitemark certification to confirm that they have been independently tested to meet the **National Flood Protection Standard**.

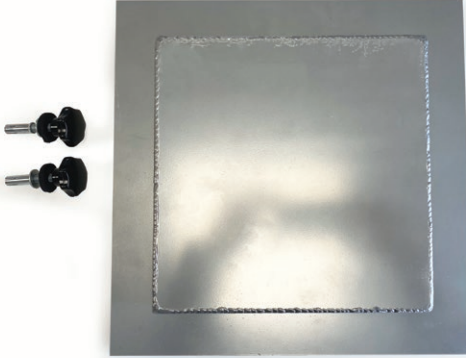


**IF YOU HAVE A POTENTIAL GAS VENT THAT
COULD ALLOW WATER TO PASS INTO YOUR
BUILDING PLEASE CONTACT A REGISTERED GAS
SAFE ENGINEER FOR FURTHER GUIDANCE.**

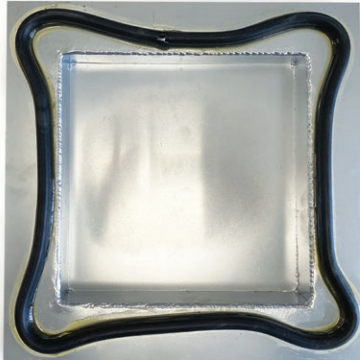


■ What is included?

- Vent cover with 2 x bolts as supplied (front)



- Vent cover showing seal (back)



■ Things to Check

- Vent covers can only be fixed to solid walls.
- Vent covers cannot be fixed to building cladding, timber surfaces or sheet metal surfaces.
- If fixing a vent cover over a Tumble dryer exhaust vent, please note the appliance **MUST NOT** be used when the vent cover is installed.

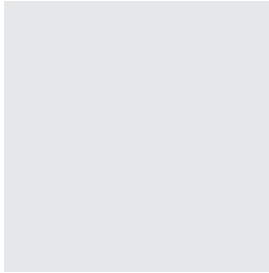


IMPORTANT – Any errors/defects must be notified in writing within 3 days of delivery and **BEFORE** installation. Returns/complaints will not be accepted beyond this point.

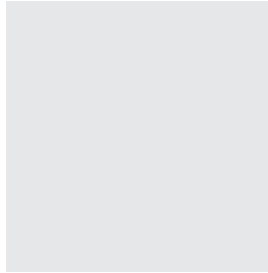
■ Pre Installation

- Make sure the surface area around the vent is free from debris and clean as required.
- If fixing to brickwork or masonry this must be level and smooth. Raked out pointing on brickwork or Ashlar Masonry will need to be repointed to a flush face condition such that full contact between the substrate and the vent seal is made at all times.
- *If unsure on this, please contact our technical department for further guidance.*
- Make sure the gasket seal on the vent cover is well greased with petroleum jelly or silicone spray.

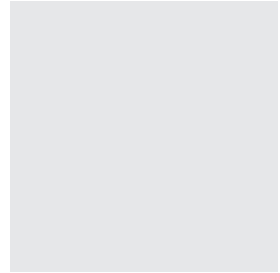
■ Installation



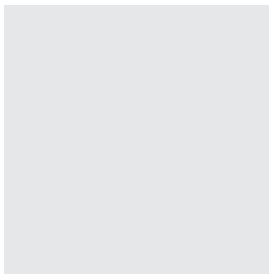
1. The vent cover should be offered into position over the opening making sure the opening is fully within the main body of the vent cover and that it is fully protected by the seal



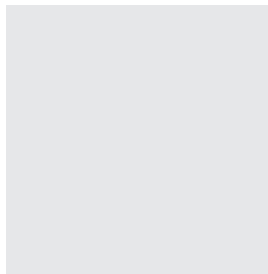
2. Use a spirit level to make sure the cover is level and square to the wall



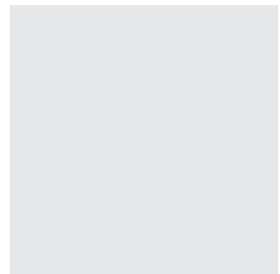
3. Once in position mark the anchor hole locations onto the wall by pencil marking through the pre-drilled holes on the outer frame of the vent cover



4. Remove the vent cover and drill the anchor point holes into the substrate wall using a hammer drill if available

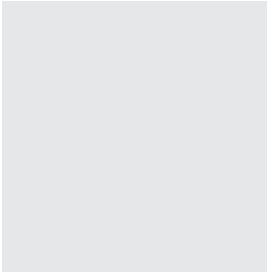


5. The masonry drill, anchors and fixing bolts will be supplied with the installation kit

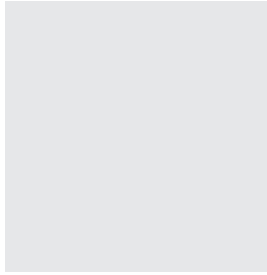


6. The depth of the hole should be 60mm

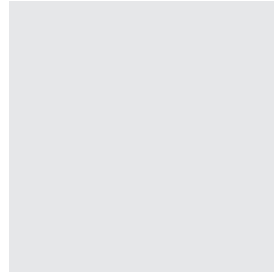
■ Installation



7. Once all the holes have been drilled the anchors are positioned into the holes and tapped into place with a light hammer or mallet, making sure that the anchor is fully flush with the face of the wall



8. On completion of this the vent cover is offered up in position and the bolt fastenings passed through the vent cover holes into the anchors and then tighten



9. Ensure that the bolts are tightened evenly to make sure the seal is not overstressed



TIGHTEN UNTIL 6MM / TWICE THICKNESS OF THE FACE PLATE FROM THE BRICKWORK

■ Removal

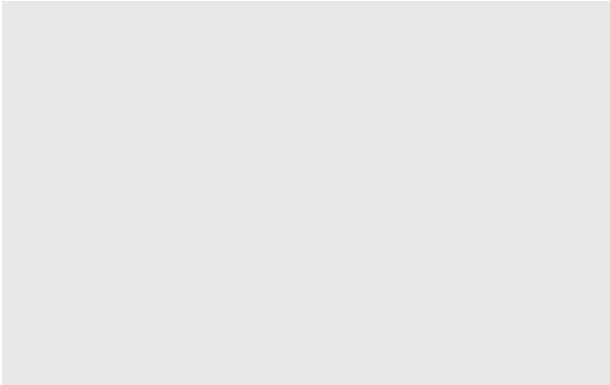
- After a flood event the cover can be removed for cleaning and storage.
- Unscrew the bolts fully from the anchors and remove the cover. A storage box will be provided for retaining the bolts for reuse.
- The anchors do not need to be removed but can stay in place for the next deployment.
- Wash the cover with clean water to remove any debris that may be on the unit and re-grease the seal.

■ Recommended Inspection Maintenance

- If not being regularly used it is recommended that the vent cover seals are greased every 3 months and the bolts lightly oiled.

Any questions? Contact our Help line on +44 (0)1905 676467

■ Certified to BS 851188-1:2019





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