

VENT CAPS

OVERALL

This product is designed to shield tanks and other openings from rain, wind and insect ingress. It can be used for decades in outdoor service.

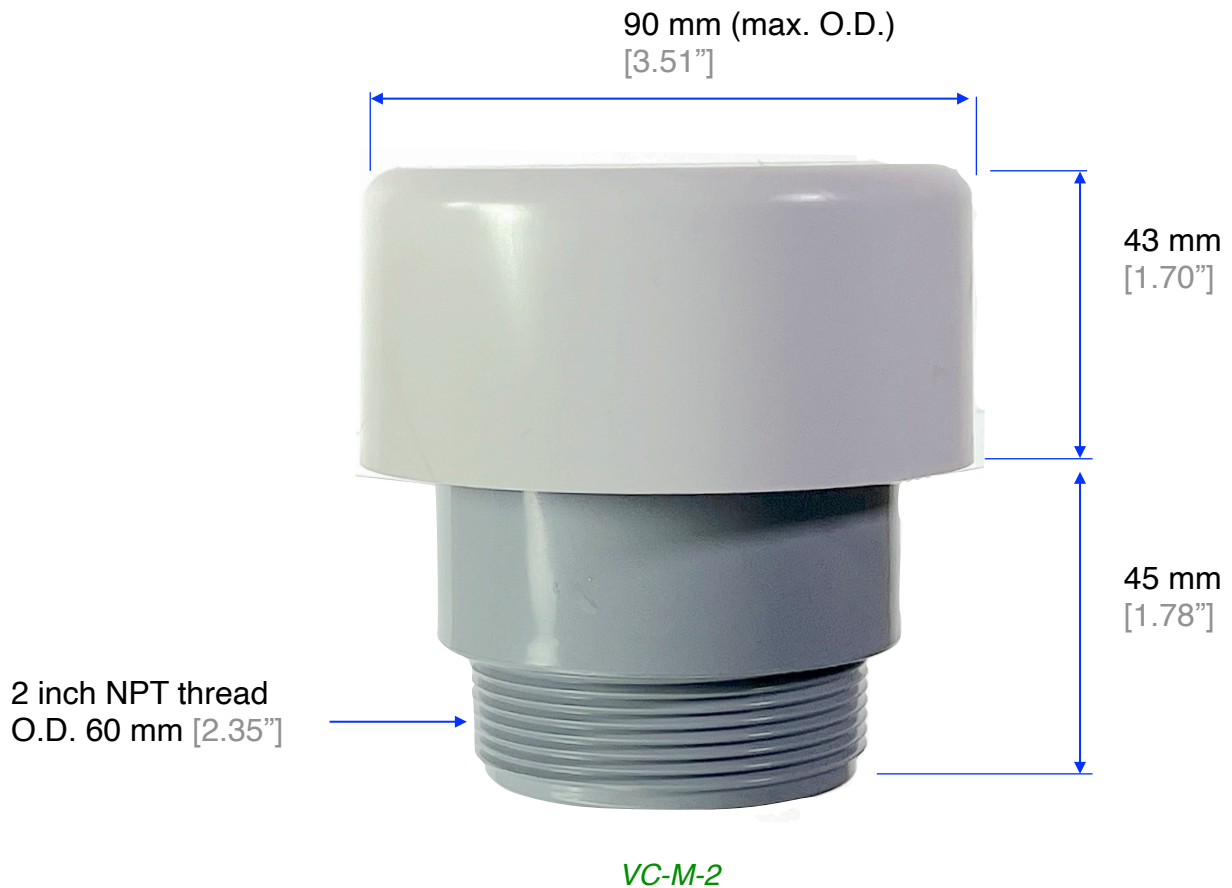
INSTALLATION

Our vent caps are available with four types of mountings: male thread, female thread, slip fit, and flanged. The only difference between these variations is the mounting fitting - the top of the vent cap is identical.

The threaded connections simply screw onto a mating thread available in your tank, whereas the slip mount is often cemented with PVC cement. Or depending on the installation, it can be left loose so it can be removed easily.

DRAWING

There are many variations of size and mounts but the following is a representative image. For complete dimensions please visit our web page [technical info](#).



VENT CAPS

SPECIFICATIONS

Fitting material.....	PVC, electrical grade*
Thread specs.....	ANSI NPT thread sizes for threaded models
Pipe material.....	PVC (white)
Screen mesh	Polypropylene 24 x 24 mesh (800 micron)
Mesh open area.....	40%
Service temperature	150°F maximum continuous temperature
Cap material	PVC

*electrical grade PVC is mineral filled to provide higher impact resistance and higher temperature service than standard PVC.

APPROVALS

- Our vent caps exceed FDA 5-302.14 (A) which requires a 16 mesh screen
- Our vent caps meet EPA region 8 requirement which requires a 24 mesh screen for potable water installations.
- The conduit fittings comply with NEMA TC3 and CSA C22.2 #227.2
- The pipe caps meet standards ASTM D3034 and CSA B181.2

OTHER POINTS

- To avoid confusion about sizing, the nominal size of the vent cap is NOT the same as the pipe diameter that it fits onto. For example, our 2" Vent Cap with a slip fitting will fit over a pipe that measure 3.28" O.D. This same 2" vent cap will have a cap that measure 3.5" across.
- The vent caps are completely non-metallic.
- The materials contain no REACH or RoHS substances of concern.
- We provide air flow charts showing pressure curves at various flow rates. These are on our [technical info web page](#)