



POSITIONING RECOMMENDATIONS

To have a positive effect on pressure equalization and condensation reduction, we recommend you to position GORE® Vents as follow:

In general, position the vents

- in an area that will minimize or reduce the exposure to contaminants,
- close to "dead-end" areas.

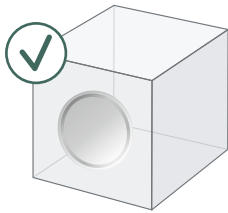
Specific positioning to reduce condensation:

- Near the top of a vertical wall of the housing, so that the warm, humid air can easily escape as it rises.
- Close to critical areas, such as cold-spots, to eliminate potential condensation building, as fast as possible.
- In areas with high absolute humidity.
- Close to cold spots, with high relative humidity.



The position and number of vents directly affect the condensation formation.

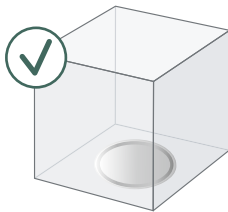
Vent Positioning from the outside



Recommended

Sidewall Mounting/Vertical Orientation

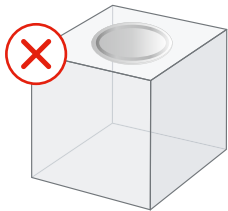
The sidewall mounting prevents water and fluids from accumulating and blocking the vent. Any liquids that pass over the vertical vent will serve to “wash” particulates off the membrane.



Acceptable

Bottom Mounting/Inverse Horizontal Orientation

Splashes may cause water to collect in the vents cap or any protective walls on the housing side, where it can't readily escape until it evaporates away.



Not Recommended

Top Mounting/Upright Horizontal Orientation

Water, contamination, and other liquids may pool around or over the vent, blocking airflow and reducing the vent's ability to equalize pressures.

FOR INDUSTRIAL USE ONLY. Not for use in food, drug, cosmetic or medical device manufacturing, processing, or packaging operations.

All technical information and advice given here are based on Gore's previous experiences and/or test results. Gore gives this information to the best of its knowledge, but assumes no legal responsibility. Customers are asked to check the suitability and usability in the specific application, since the performance of the product can only be judged when all necessary operating data are available. The above information is subject to change and is not to be used for specification purposes. Gore's terms and conditions of sale apply to the sale of the products by Gore.

GORE, *Together, improving life* and designs are trademarks of W. L. Gore & Associates. © 2024 W. L. Gore & Associates GmbH

INTERNATIONAL CONTACTS

Australia +61 2 9473 6800
Benelux +49 89 4612 2211
Brazil +55 11 5502 7800
China +86 21 5172 8299
France +33 1 5695 6565
Germany +49 89 4612 2211
India +91 22 6768 7000

Italy +39 045 6209 240
Japan +81 3 6746 2572
Korea +82 2 393 3411
Mexico +52 81 8288 1281
Scandinavia +46 31 706 7800
Singapore +65 6733 2882
South Africa +27 11 894 2248

South America +55 11 5502 7800
Spain +34 93 480 6900
Taiwan +886 2 2173 7799
United Kingdom +44 1506 460123
USA +1 410 392 4440

W. L. Gore & Associates, Inc.
401 Airport Road, Elkton, MD 21921, USA
T +1 410 506 7812 (USA) Toll free (USA) +1 800 523 4673 F +1 410 506 8749
E protectivevents@wlgore.com gore.com/protectivevents

