

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.



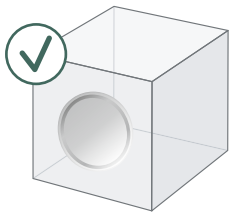
No vent

GORE® Vent positioned on the left side only

GORE® Vent positioned on the left and right sides

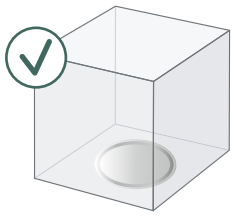
The position and number of vents directly affect the condensation formation.

Vent Positioning from the outside



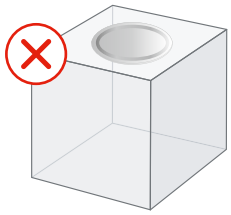
Recommended

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.

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