

In Rising Water,
Keeps Vent Protected

VENT LINE PROTECTOR (VLP)[®]

Patented Pending

ACTUAL SIZE

FEATURES

- Replaceable Polymer Float with High Grade Silicone Dry Seal
- Stainless Steel Screen and Baffle Plates Prevent Vent Line Contamination
- Integral Float Guide Zones for the Perfect Seal
- Lightweight Aluminum Housing
- Rugged Finish
- Normally Open, Positive Closed

OPTIONAL ACCESSORIES

- Extension Loop (Zinc Dichromate Coated)
- 2.5' Foundation—Pipeline Bracket



**EXTENSION LOOP AND
PIPELINE BRACKET**



IMAC Systems, Inc.

International Measurement and Control Systems

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When the highest
quality, best
standard of care,
and greatest degree
of innovation
are required,
IMAC Systems, Inc.
will deliver on a
promise of
exceeding
expectations.

DESCRIPTION

Even in the most susceptible flood areas, you can keep water out of crucial vent lines with the patented Vent Line Protector (VLP®). The 316 SST screen and baffle plates protects the vent pipe from debris contamination, while the integral float guide zones create the perfect seal to keep water out.

VLP® is a normally open assembly that when submerged in water will float up and seal a vent line. When the water recedes, the float will drop, allowing the vent to re-open to its normal state (even against a minor negative pressure). This makes the VLP® perfect for zones susceptible to flooding, such as homes or businesses near the coast, rivers, lakes or low lying areas as well as pit or below grade applications.

Natural gas pressure regulators that are subjected to flood conditions could become damaged beyond repair and considered scrap. Water and debris may damage components of the pressure regulators or accelerate corrosion, causing them to become nonfunctioning liabilities. The Vent Line Protector shields natural gas and LPG vent lines in flooding situations and can help save your natural gas pressure regulators from disrepair. Vent lines must be protected from water and debris, or it could lead to issues such as:

- Corrosion of internal parts
- Operation failure
- Gas leakage
- Degradation of non-metallic internal components
- Elevated outlet pressure

The Vent Line Protector is made in the USA and has been tested and approved by the Gas Technology Institute (GTI).

NFPA 54 / ANSI Z223.1

NATIONAL FUEL GAS CODE

5.8.5.1 Venting Line Gas Pressure Regulators

1. The vent shall be designed to prevent the entry of water, insects, or other foreign materials that could cause blockage.
2. At location where regulators might be submerged during floods, a special antiflood-type breather vent fitting shall be installed, or the vent line shall be extended above the height of the expected flood waters.



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