



Pre-Vent Industries, LLC.

Secure your water storage reservoir with the Vandal Resistant Vent



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Is your water storage secure?

The Vandal Resistant Vent (*Patent Pending*) is used for water reservoirs & other waste storage units with vents. The purpose of the Vandal Resistant Vent is designed to discourage vandals from injecting a hazardous solution into the potable water system through the reservoir.

The vent has a unique dual wall system and is designed to guard against a hazardous solution entering your reservoir or water storage unit. The dual wall system encompasses an internal component placed inside of a carbon steel outer vent. The internal component will restrict a solution from going into the reservoir.



Application:

The vent is intended to be used for underground water storage reservoirs where the vent is extended through the reservoir roof and into the elements. It may also be used in other situations that present a concern.

Design:

The dual wall system is designed to guard against a hazardous solution entering the reservoir or water storage unit. The dual wall system encompasses an internal component made of PVC pipe placed inside of an outer vent made of carbon steel. The internal PVC component will restrict a solution from going into the reservoir. Instead, the solution will build up in the outer vent shell until it reaches the crest and will then run back out at the screened opening.

Material:

The outer shell of the vent pipe is made of standard weight steel, with the inner vent made of polyvinylchloride. The flanges are carbon steel and ductile iron and bolting is carbon steel. Stainless and tamper resistant bolts available upon request. The exterior of the vent is painted with a coat of red primer.

Attachment:

The vent may be attached to an existing flanged riser pipe or to a newly installed riser pipe:

1: To maintain the same vent area as an existing vent pipe, the model VRVR will be required. The vent is provided with a standard 125 lb pattern flange. The VRVR utilizes a Reducer Flange for attaching to an existing flange.

2: On a new installation, the model VRV would be recommended, and would not require the reducer flange.

Sample Specification

The reservoir vent shall be a Vandal Resistant Vent (VRV). The vent shall be a dual wall system which encompasses an internal PVC vent within an outer carbon steel vent. The vent is to guard against a hazardous solution from being introduced into the reservoir. The VRV shall be provided with a 125 lb. pattern flange and bird screen. The exterior shall be prime painted. Finish painting shall be field painted as noted in the paint specification. The vent shall be as manufactured by Pre-Vent Industries, LLC.

[Area Map of Contacts](#)

[Model Number Example](#)

[Model Information & Material List](#)

[Print Models](#)

[Printable Home Page](#)



The Vandal Resistant Vent (U.S. Pat. No. 7,546,850)

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