



# VGA-450

## VENT GUARD

### -INNOVATION & QUALITY-

The VGA-450 Vent Guard is a small chlorine neutralization system, designed to absorb up to 3 pounds of chlorine gas, which might escape from a chlorine vacuum regulator relief (a.k.a. “vent”) connection. Use of the VGA-450 Vent Guard can help to eliminate minor gas detection alarms caused by venting gas, reduce possible corrosion / oxidation in chlorine rooms and help comply with any code restrictions related to exhausting chlorine gas outside of buildings.

The absorbent media used in the VGA-450 is non-hazardous and requires no special actions for disposal

- 5 Gal HDPE Container - locking lid
- 30 lbs. dry media for up to 3 lbs. CL2
- Visible chlorine indicator strips
- “Stackable” design for multi-unit use



### Additional Information:

All properly designed and manufactured chlorine gas vacuum regulators incorporate a spring-loaded, normally closed “inlet safety valve”, designed to open only when vacuum is present inside of the system. When the vacuum regulator is in a standby condition, the inlet safety valve is relied upon to seal off the pressurized gas and prevent it entering the system. If debris fouls the inlet safety valve due to poor filtration, dirty chlorine or inadequate maintenance, some gas may leak past the valve, enter the system and subsequently be relieved at low pressure through the “vent” connection. The VGA-450 is designed to absorb any such venting gas, neutralizing it prior to leaving the building.

A colorimetric indicator strip is provided for the inlet and outlet of the VGA-450. This provides a visible indication for operators to know when chlorine has entered the unit, and also when chlorine has exited the unit, suggesting the absorbent media requires replacement.