

The Hydra-Vent is designed to absorb minor releases of chlorine gas from a pressure relief device to minimise the exposure of personnel and equipment



Hydra-Vent is designed to absorb a chlorine gas release from a pressure relief device which may occur due to a minor fault, or routine operation. Installation of such a device complies with the requirements of Australian Standard 2927:2019



Improve safety by terminating vent lines to the Hydra-Vent which will absorb any atmospheric release of chlorine gas under normal operating conditions for up to 12 months

All vacuum regulators/chlorine gas systems include a safety vent facility to relieve gas if the system pressure rises above atmospheric. These releases may be due to normal valve operation in the start/stop/changeover function of the system or due to partial fouling of the pressure reducing components.

We have designed a product to absorb any released chlorine gas. By terminating vent lines to the Hydra-Vent absorption column any atmospheric release of chlorine gas in standard chlorine systems will be alleviated under normal operating conditions for up to 12 months.

Australian Standard AS 2927 compliance

Installing a Hydra-Vent where the relief terminal point is located indoors, meets the requirements of AS 2927:2019. It will minimise the exposure of personnel and equipment to minor nuisance releases.

Features

- Improved safety by optimum location of vent line termination
- Reduced surface corrosion in the vicinity of vent termination
- Can be installed in the chlorine room providing the most secure termination point
- A chlorine leak detector sensor located adjacent to the absorption column will provide an alarm in the event of media saturation



Media replacement

Absorption media should be replaced at twelve monthly intervals, or alternatively if an alarm indicates that saturation has occurred.

Regularly changing the absorbent maintains their effectiveness and ensures compliance with Australian Standard AS 2927:2019

Absorption capacity of the HYDRAVENT600 is 0.6 kg of chlorine gas.

Media neutralisation

Detailed instructions are clearly provided on the absorption column as to the correct neutralizing and disposal procedures. Media type and order codes are included on the absorption vessel.

Specifications

Diameter	101mm
Length	700mm
Termination	3/8" OD tube
Mounting brackets	2 included
Order code	HYDRAVENT600



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