



FAQ Tank Equipment

1 What is tank equipment?

'Tank equipment' is a general term which covers a wide range of products including pressure/vacuum relief valves, tank blanketing valves, hatches, manways, vents and gauges. It is equipment generally associated with access to/from, measurement of, and pressure regulation of storage tanks.

2 What is the lowest setting you can achieve on a pressure / vacuum valve?

The lowest 'standard' setting is 2.5mbar but, using different materials for the pallet, we may be able to achieve a lower setting. Please consult our Customer Services team for details.

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3 How can I work out what relief capacity my valve needs to achieve in order to protect my tank?

The current calculation method used for this is documented in API2000. Using the tank dimensions and pumping rates we are able to calculate the air equivalent relief flows.

4 Do I need to fit a flame arrester in conjunction with a pressure/ vacuum valve?

The latest testing has demonstrated that a flame can propagate through a pressure/vacuum relief valve into the vapour space of the tank (see ISO28300). Therefore, we strongly recommend fitting an Elmac FE-IE model flame arrester directly under a pressure/vacuum relief valve.

For more information visit:

www.elmactechnologies.com/products/endofline_arresters_feie.html

5 Can Emergency Relief Vents still be used as access hatches?

Our ERVs have been specially designed to allow access to the inside of your storage tank when not in use. The setting weights can be easily removed making the hinged lid easy to open.

Customer Support

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