



DATASHEET

END OF LINE vent combination range of deflagration flame arresters



APPLICATION

Low pressure, pressure and vacuum relief valves may be supplied to enhance the performance of an end of line application flame arrester. The pressure and vacuum valve helps to protect the tank from rupture or implosion during filling or emptying cycles. They help to limit product loss and environmental discharges whilst also protecting tanks during thermal changes. Flanged discharge connections (closed vent) are available to facilitate incorporation into vapour recovery/recirculation systems or gas handling processes.

PRINCIPLE OF OPERATION

This flame arrester works in exactly the same way as an 'end of line' unit. It is designed to prevent an unconfined deflagration in the surrounding atmosphere from entering the pipe or system and is not suitable for preventing a flame from within the pipe or system igniting the surrounding area. The flame arrester will only be required when the valve connection is venting.

BENEFITS

- Suitable for pipe sizes up to 12"
- Available for application in gas groups IIA and IIB3
- Compliant with the European **ATEX** directive
- Removable / Replaceable element for easy maintenance

APPLICATION CONSIDERATIONS

- Flare stacks
- Flammable liquid storage tank vents
- Chemical and Petrochemical process plant
- Sewage digester plants

PRODUCT SUPPORT

We aim to provide a rapid response to both technical and commercial enquiries. We are committed to offer competitive pricing and short production lead times and pride ourselves on delivery reliability.

Motherwell Tank Protection

St Michaels Road
Lea Green Ind Est
St Helens
Merseyside
England WA9 4WZ
Tel : + 44 1744 815211
Fax : +44 1744 814497

sales@motherwelltankprotection.co.uk
www.motherwelltankprotection.co.uk



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