

Rim Vents for Storage Tanks

Elmac Technologies range of rim vents is designed for pressure relief use on low pressure storage tanks.

This design was originally developed for use as a rim vent on floating roof tanks.



Principle of operation

The vents have a cast body which can be flanged or threaded for connection to the storage tank and a weather hood that protects the exhaust port from atmospheric conditions.

The vents have a hinged pallet which lifts when the pressure in the tank exceeds the vent set-pressure thus allowing air/gas to flow.

Materials and options

Model	Rim Vent
Size	6" Nominal Bore
Process Connection	1. ANSI 150# (Standard) 2. Threaded 3. Special (on request)
Material (body, cover, pallet)	Aluminium
Pressure Setting	0.865" wc (2.15mbar)

Features and benefits

Robust construction to deal with regular use

Fitted with stainless steel screen mesh to prevent corrosion and the ingress of foreign matter

Flanged or threaded connection

Light-weight design

ATEX approved to directive 94/9/EC

Elmac expertise

Elmac have been manufacturing protection equipment since 1948, and bring enhanced levels of flame and explosion protection to a diverse range of applications.

Elmac offers considerable technical leadership and using test facilities along with CFD capabilities, employs research teams renowned for developing solutions for the most challenging of industrial applications.

Customer Support

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All specifications are correct at time of print, are for guidance purposes only and subject to change without prior notice.

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