



DEDICATED TO SAFETY

# EMERGENCY VENT VALVE



The Fainger make Emergency Pressure Vents provide emergency pressure relief for storage tanks that are exposed to an external fire. They are designed to open and provide pressure relief beyond the capacity of the normal breather vents.

Hinged Emergency Vent is mounted on the tank manhole flange. Under emergency fire conditions, the cover can pivot open on its hinge and provide required relief, preventing damage to the tank due to excessive internal pressure. When tank pressure is reduced the cover automatically recloses. The hinged design allows the use of a lever principle counterweight so that the higher pressure setting can be given.

## TYPES:

- End of Line Emergency Pressure Vent (with Weather Hood)
- Hinged Emergency Pressure Relief manhole cover vent
- Emergency Pressure and Vacuum Relief Vent
- Spring-Loaded Emergency Pressure Relief Vents





## APPLICATIONS:

- Oil & Gas Refinery
- Pharmaceutical
- Sugar & Distillery
- Chemical and petrochemical
- Bulk liquids Storage terminals & transportation

## FEATURES

- Designed and tested according to API 2000
- Certified test report verifying specified settings and leakage performance
- "Air-cushion" pallet design for low leakage performance
- Serialized unit for easy identification and traceability



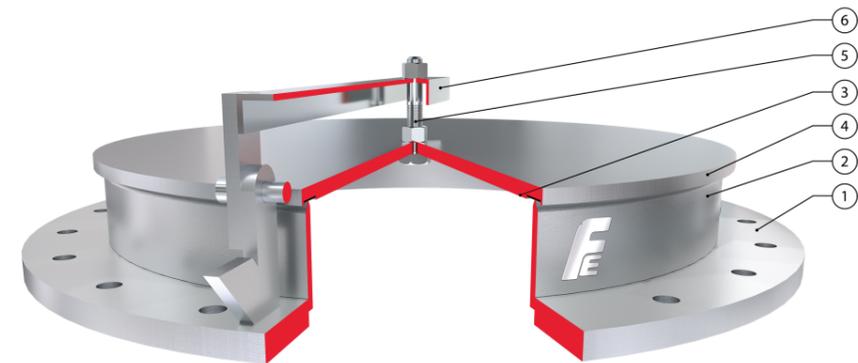
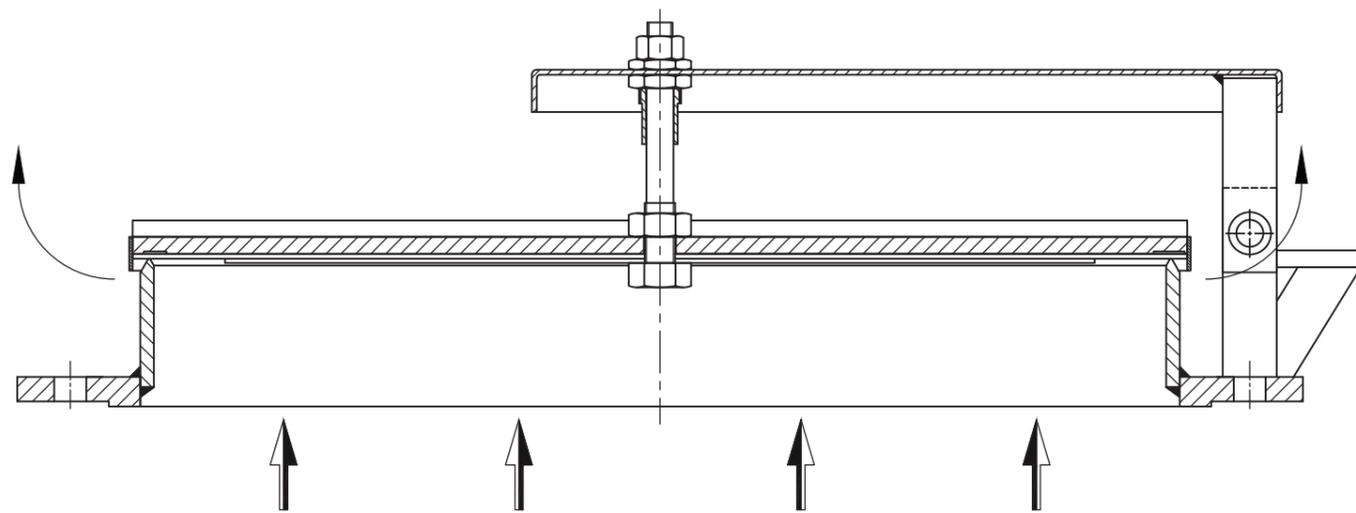
## SPECIFICATIONS

- Sizes: 6" (DN 150) through 24" (DN 600)
- Flange Connections: ANSI, API flange or DIN 16 PN connections
- Materials: Carbon Steel and Stainless Steel
- Standard Setting Range: 50 – 1500 mmWC
- Spring-loaded models available

## OPTIONS

- Flange Connections: Other drilling patterns available upon request
- Diaphragm Materials: PTFE, Viton, EPDM and Neoprene
- Settings: Non-standard setting available
- Special Coatings: PTFE/Halar coating available
- Material certifications for flange and seat
- Vacuum Relief option available upon request

## EMERGENCY VENT VALVE



06	HINGE ARM
05	CENTER STUD
04	PALLET
03	DIAPHRAGM
02	NOZZLE
01	BASE FLANGE
SR.NO.	DESCRIPTION