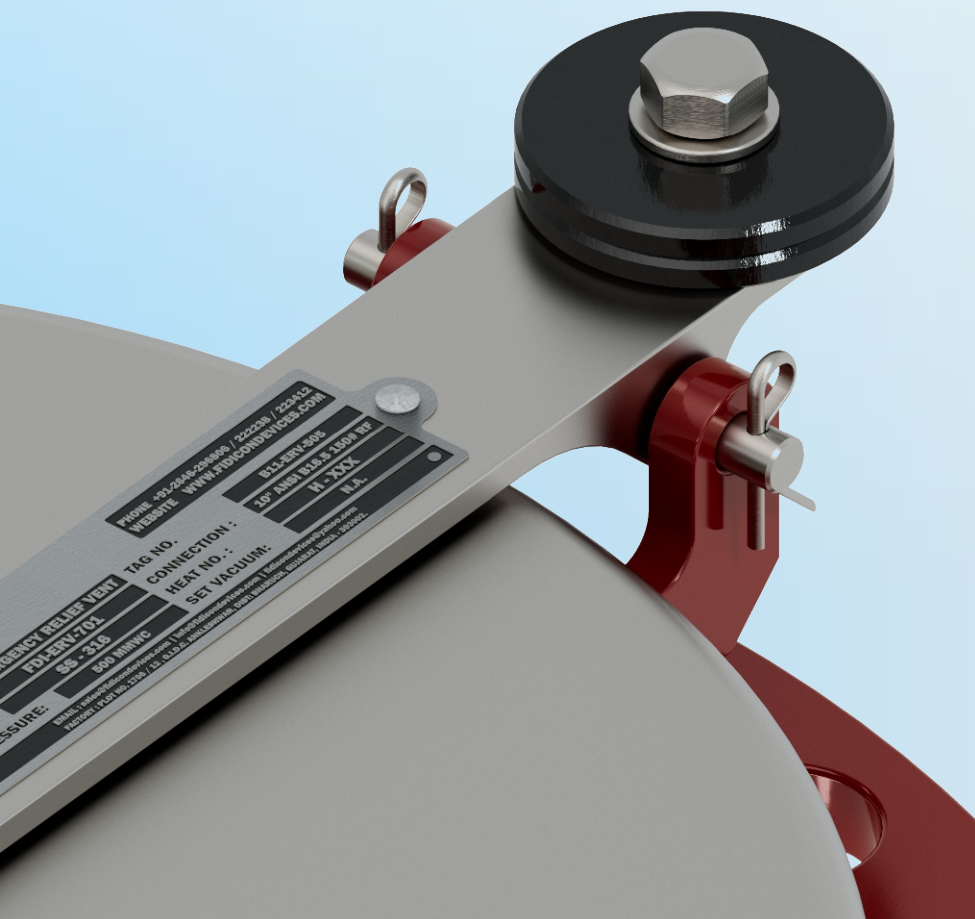
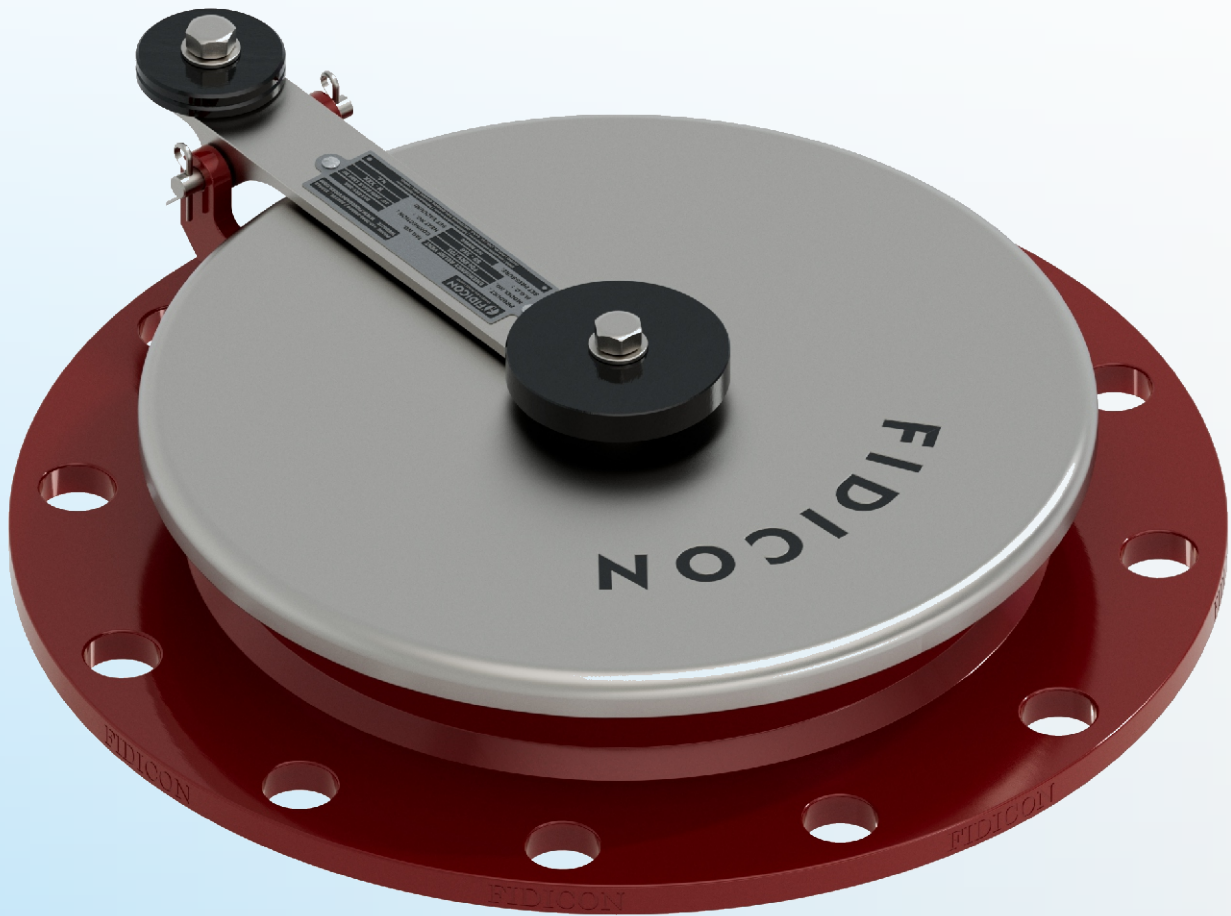


EMERGENCY RELIEF VALVE

MODEL : [FDI - ERV - 701]



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1. Introduction
2. Specification
3. Selection Criteria
4. Product Functionality
5. Standard & Certifications
6. Order Guide & Recommended Spares.

EMERGENCY VENT / EMERGENCY PRESSURE RELIEF VALVE



As emergency venting device for installation on storage tanks with a VRV to protect against hazardous excess pressure but minimize the loss of gas/vapours. also suitable as replacement of a manhole. it does not protect against the hazard of explosion or stabilized burning,

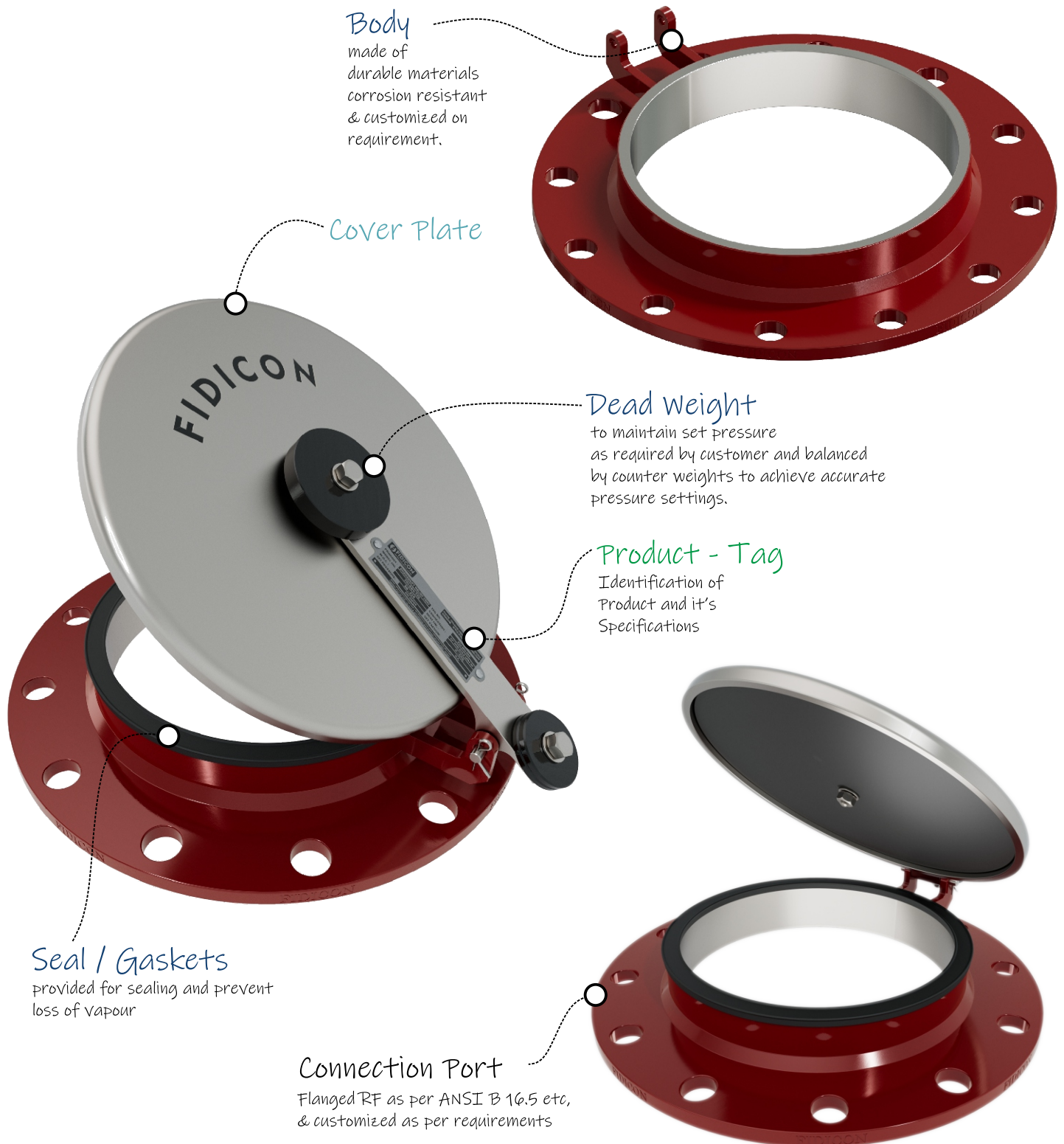
Emergency Relief Valve is a highly developed emergency pressure relief valve with high flow capacity. It is primarily used as a safety device for emergency pressure relief for storage tanks, containers, silos, and process engineering equipment; it offers reliable protection against overpressure and prevents impermissible product vapor loss close to the set pressure.



It is designed to relief particularly large amounts to prevent the vessel from rupturing in an emergency case. Device will start to open as soon as the set pressure is reached and requires only 10% overpressure for full lift.

Due to the highly developed manufacturing technology, the tank pressure is maintained up to the set pressure, with a tightness that is far superior to the conventional standard. designed & manufactured according to API 2000 7th edition & ISO 28300 Tanks.

EMERGENCY VENT / EMERGENCY PRESSURE RELIEF VALVE



FEATURES

- Non-sparking design (available with brass ring options too).
- Corrosion Resistant Construction.
- Positive sealing soft seat inserts.
- Locking mechanism optional on request for prevent unauthorized access.
- Self-aligning cover closes automatically when pressure is 10% below overpressure
- Carbon steel base construction available for welding to the tank roof.
- Flanged as per ANSI B16.5 #150 RF as Standard, other connection types available on request

PRODUCT GENERAL SPECIFICATIONS

- ◆ **Model No.**
FDI - ERV - 701
Emergency Relief Valve
- ◆ **Material of Construction:**
Aluminum, Carbon Steel, SS 304, SS 316, Hastelloy C, PTFE, etc. as per Standards and Customer Request.
- ◆ **Pressure Setting:**
as per customer requirements.
- ◆ **Construction:**
Corrosion Resistant Construction
Cast Body / Fabricated Smooth Surface
Finish with Paint Layers.
- ◆ **Available Sizes:**
1" to 24"+ and different sizes as per customer request.
- ◆ **Connection Type:**
Flanged ANSI B 16.5 #150 and other as per customer requirements.
- ◆ **Product Sizing:**
Design / Vent Sizing are as per:
API 2000 7th Edition
- ◆ **Other Types:**
Spring Loaded, Lockable, Quick Release etc.
Contact Sales Team for More Information.

PRODUCT TESTING

We offer Following Product Tests,

- Dimensional Checks
- Hydrostatic Pressure Test
- Air Leakage Test
- Performance Test, F.A.T etc.

RECOMMENDED DISPOSAL

- Give it back to us & we will take care of recycling & possible disposal.
- User can dis-assemble the product in multiple stage
- The above may be handed over (state pollution board), authorized re-cycler item-wise.





ENQUIRY SPECIFICATIONS:

- [1] Service Media Details.
- [2] Tank Volume, Type, M.O.C of Tank
- [3] Pump Flow (In-Charge / Flow Rate / Size)
- [4] System Operating and Design Pressure.
- [5] System Operating and Design Temperature.
- [6] Set Pressure Requirements.
- [7] Material Specifications (Body / Wetted Parts)

RECOMMENDED SPARES

- [1] Gaskets / as per customer needs.

OTHER RANGE OF PRODUCTS

- Gauge Hatch
- Breather Valve In-Built Flame Arrester
- Flame Arrester cum Breather Valve
- Pipeway Type (Pressure & Vacuum) Breather Valve
- Vacuum Type Breather valve
- Pressure Type Breather Valve, etc.



Any Query?

Contact us to Discuss,

Phone No: +91-2646-222238/223412

Mobile No: +91-9824418777

sales@fidicondevices.com

info@fidicondevices.com

Address: Plot No. 1706/12, GIDC Ankleshwar,
Dist.: Bharuch, Gujarat, India 393002.



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