



DEDICATED TO SAFETY

END OF LINE BREATHER VALVE AND FLAME ARRESTER



The Fainger make Pressure / Vacuum Relief Valve with Flame Arrester is designed to prevent costly evaporation losses, tank rupture due to over-pressure, and collapse due to vacuum. The flame arrester protects tank against fire and explosion caused by exterior sources of ignition. Pallets in the vent housing minimize air and vapor loss as the tank "breathes". They open and close just enough to maintain safe working pressures and avoid damage to the tank. The flame arrester element is mounted externally and is only exposed to vapors when venting.

APPLICATIONS:

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

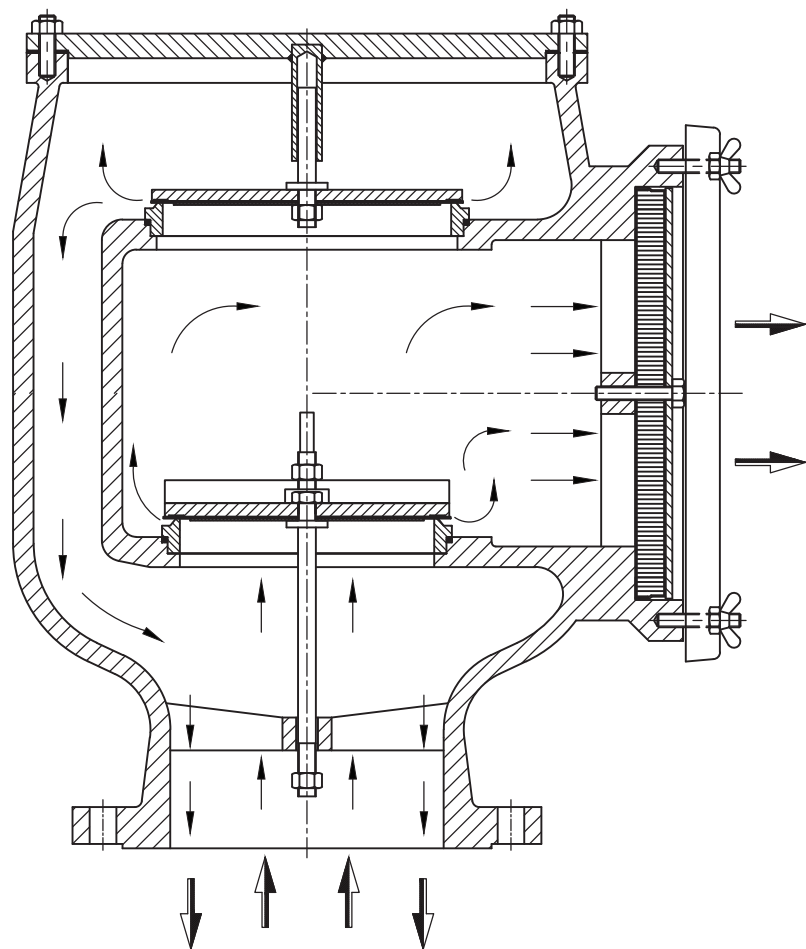




FEATURES

- Certified test report verifying specified settings and leakage performance
- “Air-cushion” pallet design for low leakage performance
- Flame Arrester provides protection against atmospheric deflagration
- Flame Arrester integrated into the valve saves space and reduces cost
- Removable and interchangeable element(s) facilitates easy inspection and maintenance
- Unit is serialized for easy identification
- Automatic condensate drainage design

END OF LINE
BREATHER VALVE AND FLAME ARRESTER



SPECIFICATIONS

- Sizes: 1.5” (DN 40) through 10” (DN 250)
- Connections: ANSI 150# as Standard.(Other Flange Std available on request)
- Materials: Carbon Steel, Stainless Steel
- Gas Groups: IIA/B
- Standard Setting Range*: Pressure: 20 – 500 mmWC
- Standard Setting Range*: Vacuum: 20 – 500 mmWC

OPTIONS

- Diaphragm Materials: PTFE, Viton, Buna N, EPDM and Neoprene; other materials available upon request
- Materials certifications for castings/Trim Parts

14	GASKET
13	DIAPHRAGM
12	FASTENERS
11	HOOD
10	FA ELEMENT
09	VACUUM GUIDE
08	PRESSURE SPINDLE
07	PRESSURE PALLET
06	PRESSURE NOZZLE
05	VACUUM SPINDLE
04	VACUUM PALLET
03	VACUUM NOZZLE
02	COVER PLATE
01	BODY
SR.NO.	DESCRIPTION

