

EXTERNAL PRESSURE RELIEF VALVES

ASME CO2 Service

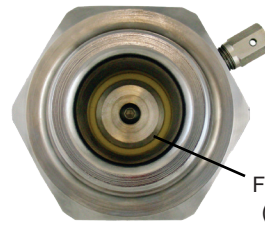
MEV250VM Series

APPLICATION

Designed for use as a secondary relief valve in carbon dioxide (CO₂), Transports and stationary bulk plant storage tank applications. A primary relief valve of the small throttle-type configuration shall also be installed to maintain tank pressure and control boil-off. The relief valve is designed to protect the storage vessel from excessive over-pressurization due to fire impingement or other emergency situations. All working components are external to the container connection and away from possible product contamination. Compatible with 2 1/2" FNPT connections and all 2 1/2" FNPT multiple head units including ME903S & ME904S Series Quad-Port Manifolds. Optional 2" MNPT tank adapter available for adapting to standard 2" FNPT tank openings.

FEATURES:

- Durable ductile iron hex base
- All stainless steel internal components
- Seal material: FKM
- Integral break-away feature leaves seat and seal intact
- Supplied with weep hole deflector and hex socket plugs
- 3-1/2"-8 UNC straight outlet thread accepts 3" MNPT pipe-away
- Corrosion resistant nickel chrome finish
- Tamper resistant
- 100% factory set and tested



FKM Seal
(Yellow)

MEV250
Bottom View



MEV250
ASME Series

Part No.	STD Setting (PSIG)	Seal Material	Container Connection	OAL	Wrench Hex	Flow Capacity SCFM/Air *	Service
MEV250VM/303-ASME	303	FKM	2-1/2" MNPT	10-1/2"	4-1/8"	10,858**	CO ₂
MEV250VM/330-ASME	330	FKM	2-1/2" MNPT	10-1/2"	4-1/8"	11,780**	
MEV250VM/350-ASME	350	FKM	2-1/2" MNPT	10-1/2"	4-1/8"	12,471**	
MEV250VM/358-ASME	358	FKM	2-1/2" MNPT	10-1/2"	4-1/8"	12,745**	

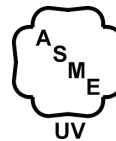
* Flow rates are shown as bare relief valves. Pipe-aways will reduce flow
 ** Capacity certified by National Board at 10% above set pressure



MEV250-013



MEP170



MEP250

Accessories	
Part No.	Description
MEV250-013	Replacement Vinyl Cap w/ Lanyard for MEV250 Series Valves
MEV250-015	Replacement Stainless Steel Weep Hole Deflector for MEV250 Series Relief Valves
MEP170	External Relief Valve Tank Adapter Fitting 2-1/2" FNPT x 2" MNPT - Plated Ductile Iron
MEP250	Installation/Removal Hex Socket Tool - 1" Drive