Carbon Dioxide Relief Valves, ASME
UA3149A Series

Application

The UA3149A series "pop-type" relief valves are especially designed for use as a secondary relief valve in carbon dioxide transports and stationary storage tanks. The relief valve is designed to protect the tank from excessive over pressure in the event of fire or other emergencies. A small throttling-type primary relief valve must also be provided to control boil-off and maintain tank pressure. Provisions must be made to prevent the accumulation and build-up of water and foreign material in the valve by use of protective cap included.

REGO 10 YEAR WARRANTY

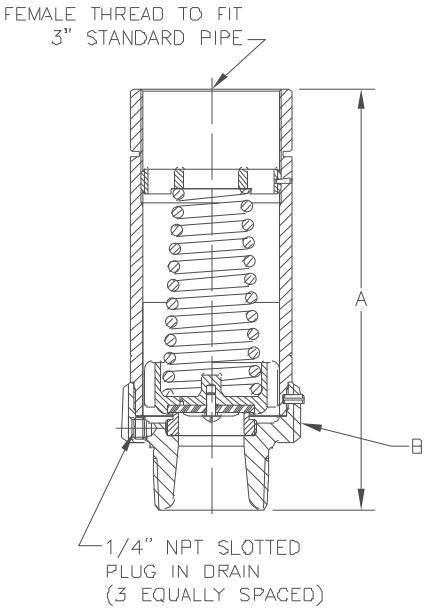
Features

- "Pop-type" design permits the relief valve to open slightly to relieve moderately excessive pressures.
- Relief valve "pops" open to full discharge capacity when pressure exceeds a predetermined point.
- 100% Factory Tested.
- Temperature Rating: -40°F (-37°C) to 85°F (29°C)
- Tamper Resistant.
- Repeatable Performance.
- ASME Rated.
- Rated for Gas Service.

UA3149A Series

Materials

Body ..... Steel and Ductile Iron
Liner..... Stainless Steel
Seat Insert ..... Stainless Steel
Spring Guide..... Brass
Adjusting Screw..... Ductile Iron
Seat Disc ..... Urethane Compound
Spring ..... Corrosion Resistant Steel



Ordering Information

Part Number	Pressure Setting psig (barg)**	Flow Capacity (SCFM/Air)	Inlet Connection (M.NPT)	Height A	Wrenching Hex B
UA3149A303	303 psig (20.9 barg)	9,883*	2½"	10½"	4 ⅛"
UA3149A330	330 psig (22.7 barg)	10,726*			
UA3149A350	350 psig (24.1 barg)	11,351*			
UA3149A358	358 psig (24.7 barg)	11,601*			

*Capacity certified by National Board of Boiler and Pressure Vessel Inspectors at 10% above set pressure.
**Other Settings not ASME/NB Certified