

External "Pop-Action" Pressure Relief Valves for ASME Containers and Bulk Plant Installations AA3126, AA3130, 3131, 3132, 3133, 3135, AA3135, and A3149 Series

Application

Designed for use as a primary relief valve on ASME above ground and underground containers, bulk plant installations and skid tanks. The 3131 Series may also be used as a primary or secondary relief valve on DOT cylinders, or as a hydrostatic relief valve. All working components of these relief valves are outside the container connection, so the valves must be protected from physical damage.

Features

- "Pop-action" design keeps product loss at a minimum.
- Relief valve designed to automatically reset firmly after discharge.
- Resilient seat disc provides "bubble-tight" seal.
- 3149 relief valves incorporate integral pipeway adapter with break off groove that protects the valve from piping stress damage.
- Optional pipeway adapters have grooves that will break off to protect the relief valve from damage should excess stress be applied to the piping.
- 3149 relief valves include weep hole deflectors, installed to guard against flame impingement on adjacent containers.
- Most are ASME rated for use with LP-Gas and anhydrous ammonia.



3135-10

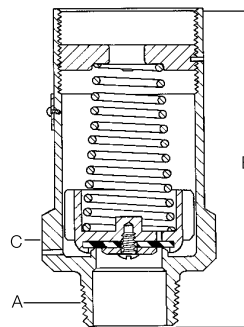


A3149

3135



3132-10



AA3135



W3132G

D

Materials

| Description | 3131, 3132, 3133, 3135 | AA3126 AA3130 | AA3135 | A3149 |
|--------------|----------------------------|-----------------|--------|--|
| Body | Brass | Aluminum Rod* | | Upper Cold Rolled Steel Lower Ductile Iron |
| Liner | | None | | Stainless Steel |
| Spring Guide | Brass | Aluminum | | Stainless Steel |
| Spring | Corrosion Resistant Steel | Stainless Steel | | Stainless Steel or Coated Steel |
| Seat Disc | Resilient Synthetic Rubber | | | |



Ordering Information

| Part Number | Start To Discharge Setting PSIG | A Container Connection M. NPT | B Overall Height (Approx.) | C Wrench Hex Section | Flow Capacity SCFM/Air (a) | | Accessories | | | |
|-------------|---------------------------------|-------------------------------|----------------------------|----------------------|------------------------------|--------------------------------|----------------|-----------------|---------------|---------------------|
| | | | | | UL (At 120% of Set Pressure) | ASME (At 120% of Set Pressure) | Protective Cap | Pipeway Adapter | | Weep Hole Deflector |
| | | | | | | | | Part Number | Outlet Size | |
| AA3126L030 | 30 | 1/2" | 2 3/8" | 7/8" | (b) | - | 9103-54 | AA3126-10 | 1/2" M. NPT | - |
| A3149L055 | 55 | 2 1/2" | 10 1/2" | 4 1/8" | 2608(c) | - | 3149-40 | (h) | | Included (j) |
| A3149L200 | 200 | | | | 8770 (c) | - | | | | |
| AA3126L250 | 250 | 1/2" | 2 3/8" | 7/8" | 277 (c) | - | 9103-54 | AA3126-10 | 1/2" M. NPT | 3133-11 |
| 3131G | | 3/4" | 3 7/16" | 1 1/4" | 2060 | 1939 | 3131-41 (g) | - | - | |
| AA3130UA250 | | 1" | 6 1/2" | 2 3/8" | 2045 | 1838 | 11557-110 | AA3131-10 | 1" F. NPT | |
| W3132G | | | | | 3340 | - | 3132-54 (g) | 3132-10 | 1 1/4" F. NPT | |
| 3132G | | 1 1/4" | 5 21/32" | 2 11/16" | 4130 | - | 3135-54 (g) | - | - | |
| T3132G | | | | | 3790 | - | | 3132-10 | 1 1/4" F. NPT | |
| MV3132G | | | | | 3995 | - | | - | - | |
| 3135G | | 5770 | - | 3135-10 | - | | | | | |
| AA3135UA250 | | 6430 | 6341 | AA3135-40PR | AA3135-10 | 2" F. NPT | | | | |
| 3133G | | 1 1/2" | 5 13/16" | 3 1/8" | 6080 | - | 3133-54 (g) | 3133-10 | - | |
| A3149MG | 2 1/2" | 10 1/2" | 4 1/8" | 10390 | - | 3149-40 | (h) | | Included (j) | |
| A3149G | | | | 9153 | - | | | | | |
| AA3130UA265 | 265 | 3/4" | 3 7/16" | 1 1/4" | 2125 | 1912 | 11557-110 | AA3131-10 | 1" F. NPT | - |
| AA3135UA265 | | 1 1/4" | 6 13/32" | 2 11/16" | 6615 | 6703 | AA3135-40PR | AA3135-10 | 2" F. NPT | 3133-11 |
| AA3126L312 | 312 | 1/2" | 2 3/8" | 7/8" | 330 (c) | - | 9103-54 | AA3126-10 | 1/2" M. NPT | - |

(a) Flow rates shown are for bare relief valves. Adapters and pipeways will reduce flow as discussed in the Foreword section.
 (b) Not UL or ASME rated. .059 square inch effective area.
 (c) Not UL or ASME rated. RegO rated at 120% of set pressure.

(g) Cap supplied with chain.
 (h) Outlet 3 1/2-8N (F) thread, will accept 3" M. NPT pipe thread.
 (j) Weep hole deflector is Part No. A3134-11B.