

MULTIVALVES & PRESSURE RELIEF VALVES

Rego

ASME Multivalves® for Vapor Withdrawal



7556R12.0

Application

These compact Multivalves® are especially suited for vapor withdrawal of ASME containers where compact groupings of components are necessary. Separate filler valves and pressure relief valves are required.

Ordering Information

| Item Number | Container Connection | Service Connection | Vapor Equalizing Connection Size | Repair Kit | Fixed Liquid Level Vent Valve Style | Dip Tube Length | For Use In Containers w/Surface Area Up To: |
|-------------|----------------------|--------------------|----------------------------------|------------|-------------------------------------|-----------------|---|
| 7556R12.0 | 3/4" M. NGT | F. POL (CGA 510) | 1-1/4" M. ACME | 19104-50 | Knurled | 12" | * |

* Since these Multivalves® have no integral pressure relief valves, they can be used on any ASME container with an independent relief device sufficient for that tank's capacity.

Fully Internal "Pop-Action" Pressure Relief Valves for Transports and Delivery Trucks

Application

Designed specifically for use as a primary relief valve in ASME transports and delivery trucks with 2" and 3" NPT couplings.

Ordering Information

| Item Number | Start To Discharge Setting PSIG | Container Connection | Flow Capacity SCFM/Air | | Suitable for Tanks with Surface Area Up To:* | Protective Cap (Included) |
|-------------|---------------------------------|----------------------|------------------------------|--------------------------------|--|---------------------------|
| | | | UL (At 120% of Set Pressure) | ASME (At 120% of Set Pressure) | | |
| A8434N** | 265 | 2" M. NPT | 3700 | 3659 | 175 sq. ft. | A8434-11B |
| A8434G | 250 | 2" M. NPT | 3700 | 3456 | 175 sq. ft. | A8434-11B |
| A8436N** | 265 | 3" M. NPT | 10210 | 9839 | 602 sq. ft. | A8436-11B |
| A8436G | 250 | 3" M. NPT | 10210 | 9598 | 602 sq. ft. | A8436-11B |



A8434 and A8436 Series

* Per NFPA 58, Appendix D. Area shown is for UL or ASME flow rating — whichever is larger.

** For NH₃ service.

Semi-Internal "Pop-Action" Pressure Relief Valves for ASME Containers

Application

Designed for use as a primary relief valve on ASME containers such as 250, 500 and 1,000 gallon tanks. Underwriters' Laboratories lists containers systems on which these types of valves are mounted outside the hood without additional protection, if mounted near the hood and fitted with a protective cap.

Ordering Information

| Item Number | Start To Discharge Setting PSIG | Container Connection M. NPT | Flow Capacity SCFM/Air | | Suitable for Tanks with Surface Area Up To:* | Protective Cap (Included) |
|-------------|---------------------------------|-----------------------------|------------------------------|--------------------------------|--|---------------------------|
| | | | UL (At 120% of Set Pressure) | ASME (At 120% of Set Pressure) | | |
| 7583G | 250 | 3/4" | 1980 | 1806 | 80 sq. ft. | 7583-40X |
| 8684G | 250 | 1" | 2620 | 2565 | 113 sq. ft. | 8684-40 |
| 8685G | 250 | 1-1/4" | 4385 | 4035 | 212 sq. ft. | 7585-40X |



7583, 8684 and 8685 Series

* Per NFPA 58, Appendix D. Area shown is for UL or ASME flow rating — whichever is larger.

PRESSURE RELIEF VALVES

Semi-Internal "Pop-Action" Pressure Relief Valves for Large Storage Containers



Rego

Application

Designed especially for use as a primary relief valve on large stationary storage containers, these low profile relief valves are generally mounted in half couplings. However, they are designed so that the inlet ports clear the bottom of a full 2" coupling. This assures that the relief valve should always be capable of maximum flow under emergency conditions.

Ordering Information

7534 Series

| Item Number | Start To Discharge Setting PSIG | Container Connection M. NPT | Flow Capacity SCFM/Air* | | Suitable for Tanks w/Surface Area Up To:** | Accessories | |
|-------------|---------------------------------|-----------------------------|------------------------------|--------------------------------|--|----------------|------------------|
| | | | UL (At 120% of Set Pressure) | ASME (At 120% of Set Pressure) | | Protective Cap | Pipeaway Adapter |
| 7534B | 125 | 2" | 6,025 | — | 319 sq. ft. | 7534-40 | 7534-20*** |
| 7534G | 250 | 2" | 11,675 | 10,422 | 708 sq. ft. | 7534-40 | 7534-20*** |

* Flow rates shown are for bare relief valves.

** Per NFPA 58, Appendix D. Area shown is for UL or ASME—whichever is larger.

*** 3" F. NPT outlet connection.

Fully Internal "Pop-Action" Pressure Relief Valve for DOT Fork Lift Cylinders

Application

Designed specifically for use as a primary relief valve on forklift cylinders, the 8545AK reduces the possibility of improper functioning of the relief mechanism due to foreign material build up. All guides, springs, stem and adjusting components are located inside the cylinder - removed from the direct exposure of foreign materials and debris from the atmosphere.



7545-14



7545-12



8545AK

Ordering Information

| Item Number | Container Type | Start To Discharge Setting PSIG | Container Connection M. NPT | Flow Capacity SCFM/Air** (ECII® Rated at 480 PSIG) | Accessories (Order Separately) | | |
|-------------|----------------|---------------------------------|-----------------------------|--|--------------------------------|---------------|-----------|
| | | | | | Protective Cap | Deflectors*** | |
| | | | | | | 45° Elbow | 90° Elbow |
| 8545AK | DOT | 375 | 3/4" | 400* | 7545-40 | 7545-14 | 7545-12 |

* Classified by U.L. in accordance with Compressed Gas Association Pamphlet S-1.1 Pressure Device Standards for Cylinders.

Meets requirements for use on DOT containers with 262 pounds or less weight of water or 109 pounds or less of LP-Gas.

** Flow rates are shown for bare relief valves.

*** Order protective cap #8545-41 or 7545-40.

Fully Internal "Pop-Action" Pressure Relief Valves for Motor Fuel Containers

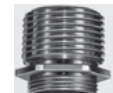
Application

8543 Series relief valves are designed for use as a primary relief valve in larger ASME motor fuel containers such as on buses, trucks and construction equipment.

8544 Series relief valves are designed for use as a primary relief valve in smaller ASME and DOT motor fuel containers such as on tractors, lift trucks, cars and taxicabs.



7543-10



7544-11A



8543 and 8544 Series

Ordering Information

| Item Number | Container Type | Start To Discharge Setting PSIG | Container Connection M. NPT | Flow Capacity SCFM/Air**** | | Protective Cap (Included) | Accessories |
|-------------|----------------|---------------------------------|-----------------------------|------------------------------|--------------------------------|---------------------------|------------------|
| | | | | UL (At 120% of Set Pressure) | ASME (At 120% of Set Pressure) | | Pipeaway Adapter |
| 8544G | ASME | 250 | 1" | 1020 | 936 | 7544-41 | 7544-11A* |
| 8543G | ASME | 250 | 1-1/4" | 1465 | 1400 | 7543-40C | 7543-10** |
| 8544T | ASME | 312 | 1" | 1938 | 1158 | 7544-41 | 7544-11A* |
| 8543T | ASME | 312 | 1-1/4" | 1990 | 1731 | 7543-40C | 7543-10** |
| 8544K | DOT/ASME | 375 | 1" | 1547*** | — | 7544-41 | 7544-11A* |

* 1" M. NPT outlet connection.

** 1-1/4" M. NPT outlet connection.

*** Rating determined per RegO® specifications at 480 PSIG.

**** Flow rates shown are for bare relief valves.

PRESSURE RELIEF VALVES



External “Pop-Action” Pressure Relief Valves for ASME Containers and Bulk Plant Installations

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.



3135-10



3135



A3149G



3132-10



W3132G



AA3135

Ordering Information

| Item Number | Start To Discharge Setting PSIG | Container Connection M. NPT | Flow Capacity SCFM/Air(a) | | Suitable for Tanks with Surface Area Up To: (e) | Accessories | | | |
|-------------|---------------------------------|-----------------------------|---------------------------------|-----------------------------------|---|----------------|-----------------|---------------|---------------------|
| | | | UL (At 120% of Set Pressure) | ASME (At 120% of Set Pressure) | | Protective Cap | Pipeway Adapter | | Weep Hole Deflector |
| | | | | | | | Item Number | Outlet Size | |
| AA3126L030 | 30 | 1/2" | (b) | — | — | 7545-40 | AA3126-10 | 1/2" M. NPT | — |
| A3149L050 | 50 | 2-1/2" | 2600(c) | — | 113 sq. ft. | 3149-40 | (h) | (h) | Included (j) |
| A3149L200 | 200 | 2-1/2" | 8770(c) | — | 500 sq. ft. | 3149-40 | (h) | (h) | Included (j) |
| AA3126L250 | 250 | 1/2" | 277(c) | — | 23 sq. ft. (f) | 7545-40 | AA3126-10 | 1/2" M. NPT | — |
| 3131G | 250 | 3/4" | 2060 | 1939 | 85 sq. ft. | 3131-40 | — | — | — |
| AA3130UA250 | 250 | 3/4" | 2045 | 1838 | 249 sq. ft.(f) | AA3130-40P | AA3131-10 | 1" F. NPT | — |
| W3132G | 250 | 1" | 3340 | — | 154 sq. ft. | 3132-54 | 3132-10 | 1-1/4" F. NPT | 3133-11B |
| 3132G | 250 | 1-1/4" | 4130 | — | 200 sq. ft. | 3132-54 | — | — | 3133-11B |
| T3132G | 250 | 1-1/4" | 3790 | — | 180 sq. ft. | 3132-54 | 3132-10 | 1-1/4" F. NPT | 3133-11B |
| MV3132G | 250 | 1-1/4" | 3995 | — | 190 sq. ft. | 3132-54 | — | — | 3133-11B |
| 3135G | 250 | 1-1/4" | 5770 | — | 300 sq. ft. | 35-54 | 3135-10 | 2" F. NPT | 3133-11B |
| AA3135UA250 | 250 | 1-1/4" | 6430 | 5080(d) | 1010 sq. ft.(f) | AA3135-40PR | AA3135-10 | 2" F. NPT | 3133-11B |
| 3133G | 250 | 1-1/2" | 6080 | — | 320 sq. ft. | 3133-40(g) | 3133-10 | 2" F. NPT | 3133-11B |
| A3149G | 250 | 2-1/2" | 10390 | 9153 | 613 sq. ft. | 3149-40 | (h) | (h) | Included (j) |
| AA3130UA265 | 265 | 3/4" | 2125 | 1912 | 261 sq. ft.(f) | AA3130-40P | AA3131-10 | 1" F. NPT | — |
| AA3135UA265 | 265 | 1-1/4" | 6615 | 5370(d) | 1045 sq. ft.(f) | AA3135-40PR | AA3135-10 | 2" F. NPT | 3133-11B |
| AA3126L312 | 312 | 1/2" | 330(c) | — | 27 sq. ft.(f) | 7545-40 | AA3126-10 | 1/2" M. NPT | — |

- (a) Flow rates shown are for bare relief valves.
- (b) Not UL or ASME rated. .059 square inch effective area.
- (c) Not UL or ASME rated. ECII® rated at 120% of set pressure.
- (d) Rated at 110% of set pressure.
- (e) Per NFPA 58, Appendix D. Area shown is for UL or ASME flow rating—whichever is larger.
- (f) Per ANSI K61.1-1972, Appendix A.
- (g) Cap supplied with chain.
- (h) Outlet 31/2-8N (F) thread, will accept 3" M. NPT pipe thread.
- (j) Weep hole deflector is Part No. A3134-11B.

PRESSURE RELIEF VALVES

External "Pop-Action" Supplementary Pressure Relief Valves for Small ASME Containers and DOT Cylinders

3127 and
3129 Series



Rego



Application

Designed for use as a supplementary relief valve on small ASME above ground and underground containers. They may also be used as a primary or secondary relief device on DOT cylinders, or as hydrostatic relief valves.

All working components of these relief valves are outside the container connection, so the valves must be protected from physical damage.

Ordering Information

| Item Number | Container Type | Start To Discharge Setting PSIG | Container Connection M. NPT | Flow Capacity SCFM/Air* | | | Accessories | | |
|-------------|----------------|---------------------------------|-----------------------------|------------------------------|---------------------------|--|----------------|-----------------|-------------|
| | | | | UL (At 120% of Set Pressure) | ECII® Rated at 480 PSIG** | Suitable for Tanks with Surface Area Up To:*** | Protective Cap | Pipeway Adapter | |
| | | | | | | | | Item Number | Outlet Size |
| 3127G | ASME | 250 | 1/4" | 295 | — | — | 7545-40 | — | — |
| 3129G | ASME | 250 | 1/2" | 465 | — | — | 7545-40 | 3129-10 | 1/2" F. NPT |
| 3127K | DOT | 375 | 1/4" | — | 450 | 100lbs./Propane | 7545-40 | — | — |
| 3129K | DOT | 375 | 1/2" | — | 780 | 200lbs./Propane | 7545-40 | 3129-10 | 1/2" F. NPT |

* Flow rates shown are for bare relief valves.

** Not UL or ASME rated. ECII® rated at 480 PSIG.

*** Meets DOT requirements.

External Hydrostatic Relief Valves

Application

Designed especially for the protection of piping and shut-off valves where there is a possibility of trapping liquid LP-Gas or anhydrous ammonia. They may be installed in pipelines and hoses located between shut-off valves or in the side boss of Rego® shut-off valves.

Ordering Information

| Item Number | Start to Discharge Setting PSIG | Valve Body Material | Container Connection M. NPT | Accessories | |
|-------------|---------------------------------|---------------------|-----------------------------|----------------|----------------------------|
| | | | | Protective Cap | Pipeway Adapter or Threads |
| SS8001G | 250 | Stainless Steel | 1/4" | 8001-54* | — |
| SS8002G | 250 | Stainless Steel | 1/2" | 8002-54* | — |
| SS8021G | 250 | Stainless Steel | 1/4" | 8001-54 | 1/4" NPSM Threads |
| SS8022G | 250 | Stainless Steel | 1/2" | 8002-54* | 3/8" NPT Threads |
| 3127G | 250 | Brass | 1/4" | 9103-54* | — |
| 3129G | 250 | Brass | 1/2" | 3129-40P* | 3129-10** |
| 3127H | 275 | Brass | 1/4" | 9103-54* | — |
| 3129H | 275 | Brass | 1/2" | 3129-40P* | 3129-10** |
| 3127P | 300 | Brass | 1/4" | 9103-54* | — |
| 3129P | 300 | Brass | 1/2" | 3129-40P* | 3129-10** |
| 3127J | 350 | Brass | 1/4" | 9103-54* | — |
| 3129J | 350 | Brass | 1/2" | 3129-40P* | 3129-10** |
| SS8001J | 350 | Stainless Steel | 1/4" | 8001-54* | — |
| SS8002J | 350 | Stainless Steel | 1/2" | 8002-54* | — |
| SS8021J | 350 | Stainless Steel | 1/4" | 8001-54 | 1/4" NPSM Threads |
| SS8022J | 350 | Stainless Steel | 1/2" | 8002-54* | 3/8" NPT Threads |
| 3127K | 375 | Brass | 1/4" | 9103-54* | — |
| 3129K | 375 | Brass | 1/2" | 3129-40P* | 3129-10** |
| 3125L | 400 | Brass | 1/4" | 9103-54* | — |
| 3127L | 400 | Brass | 1/4" | 9103-54* | — |
| 3129L | 400 | Brass | 1/2" | 3129-40P* | 3129-10** |
| SS8001L | 400 | Stainless Steel | 1/4" | 8001-54* | — |
| SS8002L | 400 | Stainless Steel | 1/2" | 8002-54* | — |
| SS8021L | 400 | Stainless Steel | 1/4" | 8001-54 | 1/4" NPSM Threads |
| SS8022L | 400 | Stainless Steel | 1/2" | 8002-54* | 3/8" NPT Threads |
| 3127U | 450 | Brass | 1/4" | 9103-54* | — |
| 3129U | 450 | Brass | 1/2" | 3129-40P* | 3129-10** |
| SS8001U | 450 | Stainless Steel | 1/4" | 8001-54* | — |
| SS8002U | 450 | Stainless Steel | 1/2" | 8002-54* | — |
| SS8021U | 450 | Stainless Steel | 1/4" | 8001-54 | 1/4" NPSM Threads |
| SS8022U | 450 | Stainless Steel | 1/2" | 8002-54* | 3/8" NPT Threads |

* Included

** 1/2" F. NPT outlet connection.



SS8022G



3127G