

PRESSURE RELIEF VALVE MANIFOLDS

Rego

DuoPort® Pressure Relief Valve Manifolds for Small Storage Containers



8542 Series



Application

Designed especially for use as a primary relief device on smaller stationary storage containers, with 2" NPT threaded couplings. These manifolds allow servicing or replacement of either of the two relief valves without evacuating the container or loss of service. The operating lever selectively closes off the entrance port to the relief valve being removed while the remaining valve provides protection for the container and its contents. The rating of each manifold is based on actual flow through the manifold and a single pressure relief valve, taking friction loss into account. It is not merely the rating of the relief valve alone.

Ordering Information

Item Number	Start To Discharge Setting PSIG	Application		Container Connection M. NPT	Quantity	Relief Valve Included			Flow Capacity SCFM/Air** UL (At 120% of Set Pressure)
		LP-Gas	NH ₃			Item Number	Inlet Connection M. NPT	Accessory Pipeway Adapters	
8542G	250	Yes	No	2"	2	3135MG	1-1/4"	3135-10*	5250 (1)
AA8542UA250	250	No	Yes	2"	2	AA3135MUA250	1-1/4"	AA3135-10*	5865 (1)
AA8542UA265	265	No	Yes	2"	2	AA3135MUA265	1-1/4"	AA3135-10*	5865 (1)

* 2" F. NPT outlet connection.

** Flow rating based on number of relief valves indicated in parenthesis (). Flow rates shown are for bare relief valves.

Multiport™ Pressure Relief Valve Manifold Assemblies for Large Storage Containers

A8560 and A8570 Series



Application

Designed especially for use as a primary relief device on large stationary pressurized storage containers with flanged openings. These manifolds incorporate an additional relief valve, not included in the flow rating, allowing for servicing or replacement of any one of the relief valves without evacuating the container. The handwheel on the manifold selectively closes off the entrance port to the relief valve being removed while the remaining relief valves provide protection for the container and its contents. All manifold flow ratings are based on flow through the relief valves after one has been removed for service or replacement.

Ordering Information

Item Number	Start To Discharge Setting PSIG	Application		Container Flange Connection	Quantity	Relief Valve			Flow Capacity SCFM/Air** At 120% of Set Pressure	
		LP-Gas	NH ₃			Item Number	Inlet Connection M. NPT	Accessories Pipeway Adapters	UL Rating	ASME Rating
A8563G	250	Yes	Yes	3"-300#*	3	A3149MG	2-1/2"	****	18,500 (2)	n/a
A8564G	250	Yes	Yes	3"-300#*	4	A3149MG	2-1/2"	****	27,750 (3)	n/a
AA8573G	250	No	Yes	4"-300#*	3	AA3135MUA250	1-1/4"	AA3135-10***	11,400 (2)	n/a
A8573G	250	Yes	Yes	4"-300#	3	A3149MG	2-1/2"	****	18,500 (2)	n/a
A8574G	250	Yes	Yes	4"-300#	4	A3149MG	2-1/2"	****	27,750 (3)	n/a
A8563AG	250	Yes	Yes	3"-300#*	3	A3149G	2-1/2"	****	n/a	18,300 (2)
A8564AG	250	Yes	Yes	3"-300#*	4	A3149G	2-1/2"	****	n/a	27,400 (3)
A8573AG	250	Yes	Yes	4"-300#	3	A3149G	2-1/2"	****	n/a	18,300 (2)
A8574AG	250	Yes	Yes	4"-300#	4	A3149G	2-1/2"	****	n/a	27,400 (3)

* For use with modified 300# ANSI flange with 4" port.

** Flow rating based on number of relief valves indicated in parentheses (). Flow rates shown are for bare relief valves.

*** 2" F. NPT outlet connection.

**** Outlet 3-1/2-8N (F) thread, will accept 3" M. NPT pipe thread.

Flange Dimensions

Manifold Series	Flange Size	Flange Drilling	Port Diameter	Flange Gasket
A8560	Modified 3" 300# (4" Port Dia.)	(8) 7/8" Bolt Holes on a 6-5/8" Bolt Circle Diameter Flat Faced	4"	3" 7564-48
A8570 AA8570	4" ASA 300#	(8) 7/8" Bolt Holes on a 7-7/8" Bolt Circle Diameter 1/16" Raised Face	4"	4" 7565-48

Bolt Stud and Nut Assemblies

Item Number	Consists of	For Use With:	For Connection To:	Number Required
7560-55	1-Bolt Stud and Nut	All RegO Multiports™	Modified 3"-300# and 4"ASA 300# Welding Neck Flange	8
7560-56	1-Bolt Stud and Nut	All RegO Multiports™	Manhole Cover Plate	8