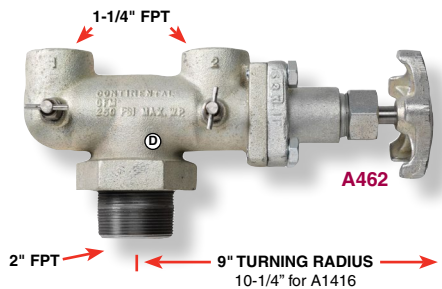


NH3 Relief Valve Manifolds



Valve Manifolds provide two 1-1/4" FPT openings for the installation of Safety Vapor Relief Valves. A Bleeder Valve is provided below each of the two openings to evacuate the chamber before removing valves for periodic inspection and maintenance. The simple shut-off mechanism is designed so that only one of the openings can be closed at a time, thereby assuring the protection of one valve at all times.

Body and component parts are precision machined from Cast-Iron cadmium plated steel for protection against rust and corrosion. Nylon seating discs are provided for noncorrosive, longer lasting, and easier operating stem and seat assembly.

Flow Data

Vapor Relief Valve	Set PSI	CFM Airflow ASME
A417A*	250	(6880)
A1310A*	250	(5363)
A1310B*	265	(5924)

* Vapor Relief Valves Ordered Separately.

Part No.	
CN A462	Continental Relief Manifold.....
ST A1416	Squibb-Taylor Relief Manifold

Vapor Relief Valves

Vapor Relief Valves are for installation in the vapor area of Anhydrous Ammonia containers. Their function is to open and relieve the pressure when it exceeds the designed working pressure of the container. They permit a gradual opening to relieve moderately excessive pressure and accelerate to full discharge capacity when pressure increases beyond the allowable set pressure.

All Vapor Relief Valves are permanently marked with their identifying catalog number, date of manufacture, *removal date, set pressure, and flow capacity. All ammonia tanks should have provision for vapor relief valves with adequate capacity to meet discharge requirements. **These valves meet ASME standards.**

* Removal date is 5 years from date of manufacture. Set at 250 PSI (ST A1310B at 265 PSI).



A1301A
3/4" MPT



DUSTCAP

P145
For No. A402VA
3/4" Vapor Relief Valve

Catalog No.	A402VA	A417A
Inlet (MPT)	3/4"	1-1/4"
Wrench Size	1-3/4"	3"
Overall Height	3-1/2"	8"
Set Pressure	250 PSI	250 PSI
Flow - CFM/Air (ASME)	1487	5297
Dust Cap Number	A402NDCC	A417DCC

Part No.	Quantity	DISCOUNT
CN A402VA	Vapor Relief Valve with 3/4" MPT Inlet.....	5% on 10
ST A1301A	Vapor Relief Valve with 3/4" MPT Inlet *.....	5% on 10
CN A417A	Vapor Relief Valve with 1-1/4" MPT Inlet.....	5% on 10
ST A1310A	Vapor Relief Valve with 1-1/4" MPT Inlet (250 PSI) *.	5% on 10
ST A1310B	Vapor Relief Valve with 1-1/4" MPT Inlet (265 PSI) *.	5% on 10
CN A402NDCC	Dust Cap For A402VA	10% on 50
CN A417DCC	Dust Cap For A417A	10% on 50
ST P145	Dust Cap For A402VA *	5% on 50

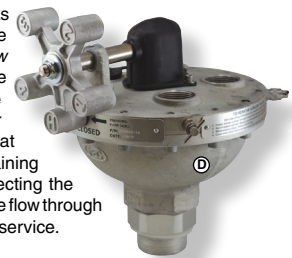
* Squibb Taylor Models.

- Discounts Not Assorted -



2" Quad-Port Relief Valve Manifold

For use with large NH3 stationary storage tanks with 2" FNPT openings. These manifolds include an additional relief valve (excluded from the flow rating) which allows for service and/or exchange of any one relief valve without evacuating the tank. The large port selection handle allows for each specific valve port to be closed off so that the relief valve may be removed while the remaining valves stay in service and pressurized, protecting the tank. Each manifold model is rated based on the flow through the relief valve with one valve removed from service.



Features: Heavy duty ductile iron body • Durable teflon V-Pack stem seals • All stainless steel internal components • Vapor equalizing feature for easy port to port rotation • Large diameter port selection handle and port indicator • Suitable for 250 PSIG and 265 PSIG relief valves • (4) Bleeder Valves • Molded rubber weather guard for manifold rotary gear with port plug • Includes tank stabilizer nut for maximum strength at container connection.

Tank Sizing Reference Chart

NH3 Storage Tank	Number of Traditional Two Port Manifolds	Quad Port Manifolds With Relief Valves	Approximate Savings Compared to Two Port
18,000 Gallon 109" O.D.	2 with Relief Valves	1 ME904S-16-3 Series	25%
30,000 Gallon 131" O.D.	2 with Relief Valves	1 ME904S-16-3 Series	25%
30,000 Gallon 109" O.D.	3 with Relief Valves	1 ME904S-16-4 Series	50%

Part No.	Manifold Only
ST ME904S-16	2" Quad Port Relief Valve Manifold

Part No.	Quad Manifold With	Relief Valve Pressure Rating	Flow Rating SCFM/Air at 120% of Set Pressure
ST ME904S-16-3A	(3) A1311A Relief Valves	250 PSI	9,320 (2)
ST ME904S-16-3B	(3) A1311B Relief Valves	265 PSI	10,795 (2)
ST ME904S-16-4A	(4) A1311A Relief Valves	250 PSI	12,481 (2)
ST ME904S-16-4B	(4) A1311B Relief Valves	265 PSI	13,630 (2)

TITAN Ductile Iron Y-Strainers



for NH3 & LPG
640 PSI WOG



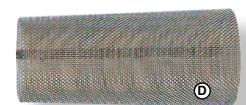
Part No.	Size MNPT	Plug Size	Net Ea.
ST 200902	1/4" FNPT	1/4"	\$ 26.50
ST 200907	3/8" FNPT	1/4"	26.50
ST 200912	1/2" FNPT	1/4"	37.50
ST 200917	3/4" FNPT	3/8"	45.25
ST 200922	1" FNPT	3/8"	53.50
ST 200927	1-1/4" FNPT	3/4"	62.00
ST 200932	1-1/2" FNPT	3/4"	81.00
ST 200937	2" FNPT	1"	134.00
ST 200942	2-1/2" FNPT	1-1/2"	326.00
ST 200947	3" FNPT	1-1/2"	446.00

40 Mesh standard - 20 & 80 Mesh screen sizes available. Plugs installed from factory.

GASKETS

Part No.	Gasket
ST 200972	1" Gasket
ST 200974	1-1/4" Gasket.
ST 200976	1-1/2" Gasket.
ST 200978	2" Gasket
ST 200980	3 Gasket

Stainless Screens for TITAN Strainers



Part No.	Size	Mesh
ST 201015	1/4" - 1/2"	40
ST 201020	3/4"	40
ST 201025	1"	40
ST 201030	1-1/4"	40
ST 201033	1-1/2"	40
ST 201036	2"	40
ST 201046	3"	40