

Globe and Angle Valves



ME815



ME825

Featuring **all stainless steel** internal components allowing for use in both LP Gas and NH₃ applications.

Application: Globe and angle valves are widely used to control the flow of gas in numerous applications including bulk plants, storage tanks, pumps, compressors, bobtails and transports.

Features:

- All steel and stainless steel construction
- Double stem seal design ensures leak free operation
- All units come with 1/4" MPT Plugged Boss (Units shown with optional bleed valve)
- Double lead thread ensures quick and efficient operation

Globe and Angle Valves				
Part No.	Body Style	Inlet & Outlet Size	Accessories	
			Brass Bleed Valve (LP Gas)	Stainless Steel Bleed Valve (NH ₃)
ME 8 1 5 - 4	Angle	1/2" FNPT	MEJ400	MEJ402S
ME 8 1 5 - 6	Angle	3/4" FNPT	MEJ400	MEJ402S
ME 8 1 5 - 8	Angle	1" FNPT	MEJ400	MEJ402S
ME 8 2 5 - 4	Globe	1/2" FNPT	MEJ400	MEJ402S
ME 8 2 5 - 6	Globe	3/4" FNPT	MEJ400	MEJ402S
ME 8 2 5 - 8	Globe	1" FNPT	MEJ400	MEJ402S

Liquid Transfer Valve

The ME449 Liquid Transfer Valve incorporates a double O-ring seal on the stem assembly for leak free operation even under extreme temperature fluctuations. The stem also has a back seat feature and a swivel seat disc to further enhance the durability of this valve. The double lead thread design of the stem allows adjustment from the closed position to full open in 6 full turns. The outlet boss on the side of the valve is tapped 1/4" FNPT and plugged for your convenience.

With the addition of a Liquid Withdrawal Adapter listed below, liquid evacuation of a tank during an emergency or relocation is simple and trouble free.

Now offered with MEH225 Hydrostatic Relief Valve conveniently installed at our factory. When ordering please reference ME449H.

Always use an adapter between the ME449 and the liquid withdrawal valve. Do not use the transfer valve and adapter for full time service. Extreme care must be used whenever liquid transfer of LPG is in progress. Only persons trained in the proper method of transfer should attempt this type of transfer. For further information on the methods of withdrawing liquid LPG from ASME containers, refer to the *LPG Safety Handbook*, NPGA-0001, Bulletin #131-88 available from the NPGA. NFPA #58 Liquefied Petroleum Gas Code 7.1 LP-Gas Liquid Transfer



ME449H



Liquid Transfer Valve			
Part No.	Inlet Connection	Outlet Connection	Boss Connection
ME 4 4 9	3/4" MNPT	3/4" FNPT	1/4" FNPT Plugged
ME 4 4 9 H	3/4" MNPT	3/4" FNPT	1/4" FNPT with MEH225 Hydrostatic Relief Installed (Start-to-Discharge Setting - 440 PSIG)



ME458



ME453



ME455

Liquid Withdrawal Adapters	
Part No.	Description
ME 4 5 3	*3/4" NGT Inlet x 3/4" FNPT Outlet
ME 4 5 5	*3/4" NGT Inlet x 3/4" MNPT Outlet
ME 4 5 8	1 5/8" -12 UN Inlet x 3/4" FNPT Outlet ... Fits All New UL Listed Valves
* Special thread design ensures correct fit and prevents damage to the valve.	
ME 4 5 8 -03	Replacement 6/6 Nylon Gasket for ME453, ME455 and ME458
ME 4 5 8 -04	Replacement Nitrile/Buna O-Ring for ME458
ME H 5 0 1 - .437	Replacement Vinyl Cap for MEH225

Marshall Excelsior

Gas Connections

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Steel Transfer Valves



ME449S



ME449EXS/28



Purpose: To provide safe means by which to transfer liquid or vapor from one storage container to another. These valves can be equipped with an integral excess flow device for direct product transfer or without when used in conjunction with liquid withdrawal tank valves (ME462S/ME462SS). These valves feature all stainless steel internal components for use in both LPG & NH₃ applications.

Features:

- Ductile iron body with durable powder coat finish, and all stainless steel internal components
- Double O-ring stem seal design ensures leak free operation
- Double lead stem thread ensures quick and efficient operation
- All valve models equipped with convenient upstream and downstream 1/4" NPT plugged ports for optional accessories

Steel Transfer Valves		
Part No.	Description	Closing Flow/ GPM
ME449S	Transfer Valve 3/4"FNPT x 3/4" MNPT Inlet - Steel	N/A
ME449EXS/22	Excess Flow Transfer Valve 3/4"FNPT x 3/4"MNPT Inlet - Steel	22
ME449EXS/28	Excess Flow Transfer Valve 3/4"FNPT x 3/4"MNPT Inlet - Steel	28
Steel Withdrawal Accessories		
Part No.	Description	Material
ME462S	Liquid Withdrawal Tank Valve 1-1/4"MPT w/ cap	Plated Steel
ME462SS	Liquid Withdrawal Tank Valve 1-1/4"MPT w/ cap	Stainless Steel
ME458S	Liquid Evacuation Coupling 3/4"FNPT x 1-5/8"UNS	Plated Steel
ME461S	Replacement Cap w/ Seal 1-5/8"UNS	Plated Steel
ME461SS	Replacement Cap w/ Seal 1-5/8"UNS	Stainless Steel
ME458-03	Replacement 6/6 Nylon Gasket for ME458	Nylon
ME458-04	Replacement O-Ring for ME458	Nitrile/ Buna

Quick Acting Dispensing Valves



ME810



ME820

Featuring **all stainless steel** internal components allowing for use in both LP Gas and NH_3 applications.

Application: These dispensing valves provide the user with instant full-on, full-off flow with the added protection of a self-locking handle to prevent accidental opening of the valve.

Features:

- Ductile and stainless steel construction
- User friendly handle is large enough to operate easily with gloved hands
- Handle is self locking and rotates 360°
- Stainless steel bleed valve included

Quick Acting Dispensing Valves					
Part No.	Body Style	Inlet & Outlet Size	Accessories		
			Short Couplings		Extended Coupling
ME810-4	Angle	1/2" FNPT	ME110S Steel	ME110 Brass	ME635-4
ME810-6	Angle	3/4" FNPT	ME111S Steel	ME111 Brass	ME635-6
ME810-8	Angle	1" FNPT	ME112S Steel	ME112 Brass	ME635-8
ME820-4	Globe	1/2" FNPT	ME110S Steel	ME110 Brass	ME635-4
ME820-6	Globe	3/4" FNPT	ME111S Steel	ME111 Brass	ME635-6
ME820-8	Globe	1" FNPT	ME112S Steel	ME112 Brass	ME635-8



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Combination Valve



ME830



All stainless steel internal components allowing for use in both LP Gas and NH₃ applications.

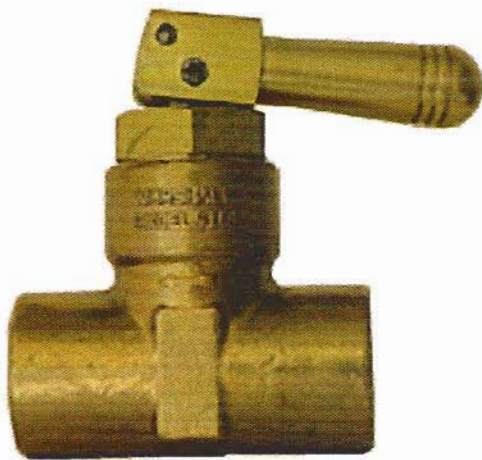
Application: The combination valve combines a pressure gauge mount with a fixed tube liquid level gauge provision. This combination valve is designed for bulk storage container and transport tank installations.

Features:

- All steel and stainless steel construction
- Durable ductile iron body with corrosion resistant powdercoat finish
- Shut-off valve increases pressure gauge life and accuracy by eliminating constant gauge pressure.
- Easy gauge replacement by closing valve and opening vent valve to relieve pressure
- Valve can be used for maximum filling level or an 1/8" FNPT is provided for dip tube installation
- Integral #54 orifice provides gauge dampening protection

Combination Valve				
Part No.	Container Connection	Service Connection	Liquid Level Vent	Dip tube Connection
ME830	3/4" MNPT	1/4" FNPT for Gauge Mounting	Stainless Steel Vent Valve	1/8" FNPT

Quick-Acting Toggle Valves

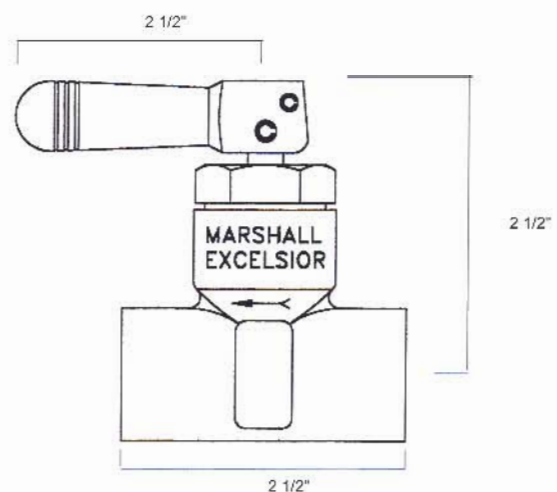


- Positive shut-off
- One hand operation
- Non corrosive brass construction
- Locking and non-locking handles



Application: These valves are designed for use primarily on cylinder filling operations and industrial operations where quick and precise on and off opening is necessary.

Quick-Acting Toggle Valves			
Part No.	Inlet Connection	Outlet Connection	Locking Handle
ME791C	1/2" FNPT	1/4" FNPT	No
ME791D	1/2" FNPT	1/2" FNPT	No
ME792C	1/2" FNPT	1/4" FNPT	Yes
ME792D	1/2" FNPT	1/2" FNPT	Yes



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