

# **Excelsior-Flange™** **Stainless Steel Excess Flow Valves**

## APPLICATION:

Marshall Excelsior offers the Largest Closing Flow Selection in the industry. These excess flow valves are intended for use in liquid or vapor LP-Gas or NH<sub>3</sub> systems. These valves can be used for filling, withdrawal and vapor equalization in containers or line applications, specifically long lines or branch piping. This product is designed to protect against excessive discharge as a result of a break in the hose or piping system. The excess flow feature is designed to remain closed after activation until the system pressure equalizes on both sides of the shutoff poppet.

**WARNING:** An excess flow valve will not activate if there is a break or leak downstream of the valve that does not equal or exceed the closing flow of the valve or if the excess flow valve installed exceeds the flow capacity of the system. See the Excess Flow Warning page for more information regarding the use of excess flow devices.

## FEATURES:

**STAINLESS STEEL** - allows for increased corrosion resistance and reliability for the life of the system

**Excelsior-flange™** - 4 bolt inlet flange design can be easily adapted to both NPT thread or socket weld type B companion flanges ranging from 1-1/4" to 2" in diameter making it universal to piping sizes within this range. This innovative system allows installers the ability to eliminate unnecessary extra connections as well as possible leak points by integrating a convenient 4 bolt flange union at the valve inlet.



**ME883SS-16/105**  
SS 2" NPT x 4 Bolt Flange

## SPECIFICATIONS:

- CF8M grade stainless steel body
- Internal poppet & stem assembly all stainless steel construction
- Available 2" NPT x 4 Bolt Type A Flange
- All models can be used with LP Gas or NH<sub>3</sub>
- Available in a wide variety of closing flow rates - see chart below

Excelsior-Flange Excess Flow Valves				
Part No.	Description	Material	Closing Flow	Weight (lbs.)
ME883SS-16/80	Excelsior-Flange™ 2" MNPT x 4 Bolt Type A Flange Excess Flow	Stainless Steel	80	4.0
ME883SS-16/105	Excelsior-Flange™ 2" MNPT x 4 Bolt Type A Flange Excess Flow		105	4.0
ME883SS-16/114	Excelsior-Flange™ 2" MNPT x 4 Bolt Type A Flange Excess Flow		114	4.0
ME883SS-16/140	Excelsior-Flange™ 2" MNPT x 4 Bolt Type A Flange Excess Flow		140	4.0
Accessories				
Part No.	Description			
ME842SS-16-107	2" FNPT Tapped 4 Bolt Type B Flat Face Flange Adapter - Stainless Steel			
ME843SS-16-107	2" Socket Weld 4 Bolt Type B Flat Face Flange Adapter - Stainless Steel			

**\*\*WARNING** - Reducing outlet pipe size below 2" nominal could result in excess flow feature failing to close as designed  
Liquid Butane Capacity = Flow Rate x .94

Liquid Anhydrous Ammonia Capacity = Flow Rate x .90



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[www.marshallexcelsior.com](http://www.marshallexcelsior.com)



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