


Excelsior-Flange™
STAINLESS STEEL
High Flow Back Check Valves

MEC ME873SS Series High Flow Back Check Valves provide back flow protection to container openings or liquid lines where flow is intended for one direction. The valve is normally held closed until pressure activates the valve when flow is directed into piping or containers causing the back check to open. When flow stops or reverses, the check returns to the closed position. Supplied with o-ring soft seats, which can be removed for metal to metal seating. Also available with permanently bonded on main valve seals (SBN).

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.

SPECIFICATIONS:

- CF8M grade stainless steel body
- Internal poppet & stem assembly all stainless steel construction
- Universal seat: Remove O-ring seal to create metal to metal seating surface or (SBN) bonded seat
- Up to **20% MORE FLOW** than nearest competitor
- Maximum product flow achieved by full port and stem travel design
- All models can be used with LP Gas or NH₃
- Universal 4 bolt flange inlet type A

ME873SSBN -24
(SBN - BONDED SEAT)



Part No.	Description	Propane Flow @ 10 PSIG Pressure Differential	Flange Type	Weight (lbs.)
ME873SS-10	Excelsior-Flange™ 1-1/4" MNPT x 4 Bolt Flange Back Check Valve - SS	61	A	3.5
ME873SSBN-10	Excelsior-Flange™ 1-1/4" MNPT x 4 Bolt Flange Back Check Valve (SBN) Bonded Seat - SS	61	A	3.5
ME873SS-16	Excelsior-Flange™ 2" MNPT x 4 Bolt Flange Back Check Valve - SS	187	A	4.0
ME873SSBN-16	Excelsior-Flange™ 2" MNPT x 4 Bolt Flange Back Check Valve (SBN) Bonded Seat - SS	187	A	4.0
ME873SS-24	Excelsior-Flange™ 3" MNPT x 4 Bolt Flange Back Check Valve - SS	449	A	7.0
ME873SSBN-24	Excelsior-Flange™ 3" MNPT x 4 Bolt Flange Back Check Valve (SBN) Bonded Seat - SS	449	A	7.0
Accessories				
Part No.	Description		Flange Type	Weight (lbs.)
ME842SS-10-107	1-1/4" FNPT Tapped 4 Bolt Flat Face Flange Adapter - Stainless Steel		B	2.7
ME843SS-10-107	1-1/4" Socket Weld 4 Bolt Flat Face Flange Adapter - Stainless Steel		B	2.6
ME842SS-12-107	1-1/2" FNPT Tapped 4 Bolt Flat Face Flange Adapter - Stainless Steel		B	2.6
ME843SS-12-107	1-1/2" Socket Weld 4 Bolt Flat Face Flange Adapter - Stainless Steel		B	2.5
ME842SS-16-107	2" FNPT Tapped 4 Bolt Flat Face Flange Adapter - Stainless Steel		B	2.2
ME843SS-16-107	2" Socket Weld 4 Bolt Flat Face Flange Adapter - Stainless Steel		B	2.0

Liquid Butane Capacity = Flow Rate x .94
 Liquid Anhydrous Ammonia Capacity = Flow Rate x .90
 Replacements o-rings available upon request



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 www.marshallexcelsior.com

