

# High Flow Back Check Valves



Shown with O-Ring

Industry's  
**BEST**  
Flow



Shown O-Ring  
Removed  
Metal to Metal

**Application:** Marshall Excelsior 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. All Marshall Excelsior High Flow Back Check Valves are supplied with o-ring soft seats, which can be removed for metal to metal seating.

## Features:

- Dual Purpose Seat Reduces Inventory - 2 for 1
- Universal Seat - Remove O-Ring Seal to Create Metal to Metal Seating Surface
- Up to **20% More Flow** than Nearest Competitor
- Maximum Product Flow Achieved by Full Port and Stem Travel Design
- All Models Feature Stainless Steel Stem, Spring, and Valve Guide
- Valve Body and Shutoff Poppet Available In Brass, Zinc Plated Steel, or Stainless Steel
- Available From 3/4" NPT Through 3" NPT
- Zinc Plated Steel and Stainless Steel Models can be Used with LP Gas or NH<sub>3</sub>



Part No.	Description	Material	Propane Flow 10 PSIG Pressure Differential
ME870-6	3/4" FNPT x 3/4" MNPT Back Pressure Check Valve with Removable Soft Seat	Brass	24
ME870S-6	3/4" FNPT x 3/4" MNPT Back Pressure Check Valve with Removable Soft Seat	Plated Steel	24
ME870SS-6	3/4" FNPT x 3/4" MNPT Back Pressure Check Valve with Removable Soft Seat	Stainless Steel	24
ME870-10	1-1/4" FNPT x 1-1/4" MNPT Back Pressure Check Valve with Removable Soft Seat	Brass	61
ME870S-10	1-1/4" FNPT x 1-1/4" MNPT Back Pressure Check Valve with Removable Soft Seat	Plated Steel	61
ME870SS-10	1-1/4" FNPT x 1-1/4" MNPT Back Pressure Check Valve with Removable Soft Seat	Stainless Steel	61
ME870-16	2" FNPT x 2" MNPT Back Pressure Check Valve with Removable Soft Seat	Brass	187
ME870S-16	2" FNPT x 2" MNPT Back Pressure Check Valve with Removable Soft Seat	Plated Steel	187
ME870SS-16	2" FNPT x 2" MNPT Back Pressure Check Valve with Removable Soft Seat	Stainless Steel	187
ME870S-24	3" FNPT x 3" MNPT Back Pressure Check Valve with Removable Soft Seat	Plated Steel	449

NOTE: Multiply flow rate by .94 to determine liquid butane capacity and by .90 to determine liquid anhydrous ammonia capacity.

Replacement O-Rings Available Upon Request



For Your Local Marshall Excelsior Distributor Call 269-789-6700,  
Fax 269-781-8340 or E-mail: [sales@marshallexcelsior.com](mailto:sales@marshallexcelsior.com)  
[www.marshallexcelsior.com](http://www.marshallexcelsior.com)

