

# MEC™ Excelerator™ 4" Flanged Internal Valve

## Features

- All stainless construction
- Precision machined stem & stem guide
- Fully retained seat disc
- Largest variety of excess flow closing values
- Available with standard or #5 mesh filter screen
- Corrosion resistant sleeved flange bolt holes
- Xylan coated corrosion resistant mounting studs
- Removable data plate
- Threaded packing gland with seal ejector spring
- Standard construction utilizes nitrile seals
- Available with Neoprene, Viton®, or Kalrez® seals
- UL LISTED for LPG & NH<sub>3</sub> service
- Rulon™ bearings on stem and stub shafts

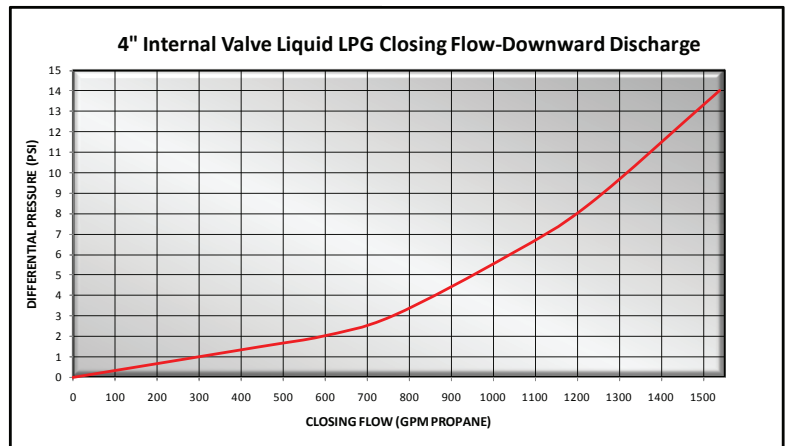
## Description

Intended for use on transport trucks and large storage tanks with 4" flanged connections in directional or bi-directional flow applications. Provides both manual shut-down as well as excess flow closing in the event of the piping being seperated from the valve. Can be equipped with manual latch, pneumatic or rotary actuator open/ closing devices.



"X"	4" Valve Liquid Closing Flow Values
375	375 GPM LPG Closing Flow
500	500 GPM LPG Closing Flow
650	650 GPM LPG Closing Flow
850	850 GPM LPG Closing Flow
1250	1,250 GPM LPG Closing Flow
1500	1,500 GPM LPG Closing Flow

\* For NH3 Multiply GPM by .90



MEC Excelerator™ 4" Internal Valves	
Part No. *	Description
ME990-4F-"X"	Excelerator™ 4" Single Flange Internal Valve - Only
ME990A-4F-"X"	Excelerator™ 4" Single Flange Internal Valve - with Pneumatic Actuator
ME990AR-4F-"X"	Excelerator™ 4" Single Flange Internal Valve - with Rotary Actuator
ME990M-4F-"X"	Excelerator™ 4" Single Flange Internal Valve - with Manual Latch

\* Note: Indicate desired excess flow closing value when ordering - see chart for values  
i.e. ME990-4F-650 (650 GPM)  
For #5 Mesh screen add /5 e.i. ME990-4F-650/5  
To order Kalrez® add "K" for Kalrez® after the prefix part number i.e. ME990AK-4F-500  
To order Neoprene add "N" for Neoprene after the prefix part number i.e. ME990AN-4F-500  
To order Viton® add "V" for Viton® after the prefix part number i.e. ME990AV-4F-500

**PLEASE SEE BACK PAGE FOR SERVICE AND REPAIR KITS**

MEC Excelsior™ 4" Internal Valve - Accessories	
Part No.	Description
ME208SF	PowerStroke Actuator
ME228	PowerTorq Direct Drive Actuator

MEC Excelsior™ 4" Internal Valve - Service Kits & Repair Parts	
Part No.	Description
ME990-4F-VRK	Excelsior™ 4" Single Flange Internal Valve - Complete Rebuild Kit
ME990-4F-SRK	Excelsior™ 4" Single Flange Internal Valve - Seal Repair Kit
ME990-4F-PRK	Excelsior™ 4" Single Flange Internal Valve - Stem Packing Repair Kit
ME990-4F-PGA	Excelsior™ 4" Single Flange Internal Valve - Stem Packing Gland Assembly.
ME990-4F-144	Excelsior™ 4" Single Flange Internal Valve - Filter Screen Perforated SS
ME990-4F-145	Excelsior™ 4" Single Flange Internal Valve - Filter Screen / Cap Perforated SS
ME990-4F-146	Excelsior™ 4" Single Flange Internal Valve - Screen Retainer Bolt
ME990-4F-153	Excelsior™ 4" Single Flange Internal Valve - 300 lb. Inlet Flange Gasket
ME990-4F-172	Excelsior™ 4" Single Flange Internal Valve - 300 lb. Outlet Flange Gasket
ME990-4F-106-"X" *	Excelsior™ 4" Single Flange Internal Valve - Excess Flow Spring
ME990-4F-162	Excelsior™ 4" Single Flange Internal Valve - Filter Screen w/ Cap #5 Mesh
ME990-4F-151	Excelsior™ 4" Single Flange Internal Valve - Mounting Stud 6-3/4" OAL, B7 Xylan Coated
ME990-152	3" Modified & 4" Single Flange Internal Valve Heavy Hex Nut 3/4-10 B8
ME990-3F-24-150	3" & 4" Internal Valve Mounting Sleeve / Bushing

\* Note: Indicate desired excess flow closing value when ordering - see chart for values  
Example: ME990-4F-650 (650 GPM)