

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 & NH₃ service
- Rulon™ bearings on stem and stub shafts

Description

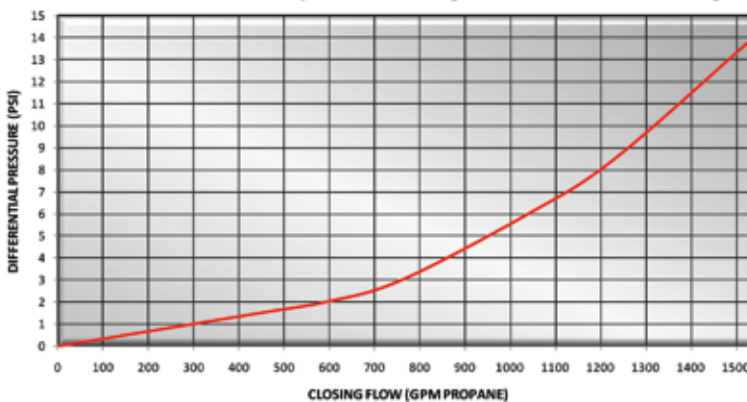
Intended for use on transport trucks and large storage tanks with 4" flanged connections in directional or bi-directional flow applications. Provides both manual shut-down as well as excess flow closing in the event of the piping being separated from the valve. Can be equipped with manual latch, pneumatic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



ME990-4F



4" Internal Valve Liquid LPG Closing Flow-Downward Discharge



"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

Example: ME990-4F-650 (650 GPM)

* Note: For #5 Mesh screen add /5 Example: ME990-4F-650/5

Please see back page for service and repair kits



Ohio ~ 800.537.7518 • Kentucky ~ 800.448.9504 • Indiana ~ 800.662.3252
 Missouri ~ 800.821.3878 • Minnesota ~ 800.328.6291 • Colorado ~ 800.821.3878
 Fax ~ 800.383.4664





4" Flanged Internal Valves Service and Repair Parts

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

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

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