

FT 361 Seat Valves

>>> Versions: 10, 30, 21, 41, 23 and 43

DIRECT REPLACEMENT FOR >>>

Tri-Clover® 361 Seat Valve

Air-operated seat valve featuring the positive action of a short-stroke actuator with heavy-duty clamps and precision-molded bonnet gaskets.

Sanitary, flexible design can be used as a stop valve with 2-3 ports or as a divert valve with 3-5 ports.

Remote controlled by compressed air.

Simple moveable parts mean reliability.



SPECIFICATIONS

FUNCTIONS >>>

Pneumatic downward movement, spring return (NO)

Pneumatic upward movement, spring return (NC)

AIR SUPPLY SPECS >>>

Air pressure range for sizes 1-3" is 35 to 50 psi (normal)

Air volume requirements, sizes 1-3" is 16 cubic inches

Actuator can handle air supply pressure greater than 50 psi against higher line pressures

AIR LOADING >>>

The additional air supply pressure needed to hold each additional 10 psi of product line pressure for Model 220 is:

- 1 1/2" – 1.0 psi
- 2"-2.0 psi
- 2 1/2 "-3.0 psi
- 3"-4.5 psi

Flowtrend, Inc. is not associated with, nor a distributor for, any of these manufacturers. Any name, brand, model or part number is for descriptive purposes only. Our components will fit other manufacturer's pumps and carry the OEM warranty.

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SUITABLE FOR >>>

High-volume sanitary liquid processing systems where correct alignment of a clean-in-place valve must be maintained under severe operating conditions.

FEATURES >>>

- Open yoke with visible valve stem coupler.
- Only a single o-ring needed. Design allows o-ring and stem groove to be cleaned and sanitized.
- Valve porting is flush with the bottom surface ensures full drainage.
- Polished surface areas minimize places that hide and trap bacteria.
- Operates in temperatures of 200 to 285 degrees F.
- Repairable Actuator.
- Local stock.

MATERIALS >>>

Product wetted steel parts	Stainless steel AISI 316
Finish	32 Ra Standard ID
Other steel parts	Stainless steel AISI 304
Plug stem	Bonded Buna or "TR" (PTFE replaceable)
Product wetted seals	Buna
Other seals	Buna
Product connections	Clamp

MATERIAL GRADES >>>

- Bonded stainless steel gasket.
- Seals and gaskets of EPDM or SFY (fluoroelastomer).
- TR Plug Seats, Seals and Gaskets available in "Mag-Detect". Mag-Detect is a magnetically charged powder that makes rubber and plastic materials highly visible to, and detectable by, metal detectors.

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