

Transportation Products

Butterfly Valves / Hopper Tees / Accessories



Butterfly Valves Resilient Seated

400 Series Aluminum
1 Piece Body with
Nitrile Seat and
Stainless Steel Disc



400 Series

- Economical 1 Piece body design
- 2"-12"
- Lightweight, durable construction
- Seat design ensures positive retention and easy replacement
- Low profile neck increases clearance
- Direct mount top plate for easy automation
- Immediate availability

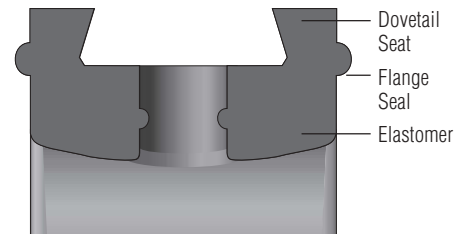
This economical, resilient seat valve is available in a wide variety of high quality materials including FDA approved blends and components for High Abrasion applications. Precision machined to close tolerances, the 400 Series delivers long service life, ease of operation and maintenance, and reduced cost.



100 Series Pneumatic
Actuator with Alumi-
num Housing

400 Series Cast Iron
1 Piece Body with
Nitrile Seat and
Stainless Steel Disc

Resilinet Seat



Section view at stem hole.

Ultraflo's resilient **Seat** design is the heart of all 400 Series and 390 Series valves. The seats incorporate a dovetail retention system to ensure positive installation alignment and ease of assembly. All Ultraflo seats include an integral flange face seal ring molded into the seat providing a positive tank seal. Additionally, the seat completely isolates the line media from the valve body, reducing wear and increasing service life.

All Ultraflo valves are tested to 110% of pressure rating for bubble tight shut off before shipment.

390 Series Aluminum
2 Piece Body with
Food Grade Buna N Seat
and Stainless Steel Disc



390 Series

- 1 Piece disc/stem meets FDA approvals
- 2"-12"
- Split body construction offers quick and easy cleaning / repairs
- Lightweight, durable construction
- Seat design ensures positive retention and easy replacement
- Hand polished disc/stems
- Direct mount top plate plate for easy automation
- Low profile neck increases clearance

The 1 Piece disc/stem inherently protects against particle entrapment and contamination, a sanitary application requirement. The 390 Series is also ideal for abrasive applications due to the thin profile disc which increases flow capacity and reduces erosion of valve components.

A wide range of body, disc and seat materials are available.



390 Series Cast Iron
2 Piece Body with
PTFE Seat and
PTFE Disc

Hopper Tees

Ultraflo's Standard Bottom Drop Tee features increased ground clearance over previous designs.



Cast Steel Straight Tee



Urethane Lined Cast Aluminum Bottom Drop Tee

Standard Tees

- Straight and Bottom Drop units
- Rugged cast aluminum or cast steel
- Smooth, weld free flow paths
- High unloading rates with reduced flow turbulence
- Dimensionally interchangeable with industry standards
- Rigid Bottom Drop door features increased ground clearance
- All units are available with abrasion resistant Urethane lining

- Straight Tees available in 4"x4", 5"x4" and 6"x4" sizes
- Bottom Drop Tees available in 4"x4", 5"x4", 6"x4" and 8"x4" sizes



Cast Aluminum Bottom Drop Tee



Cast Aluminum Straight Tee

Ultraflo's unique Dual Flanged Tees offer increased clearance, full integration of Tee and Valve assembly, and easy installation/maintenance.

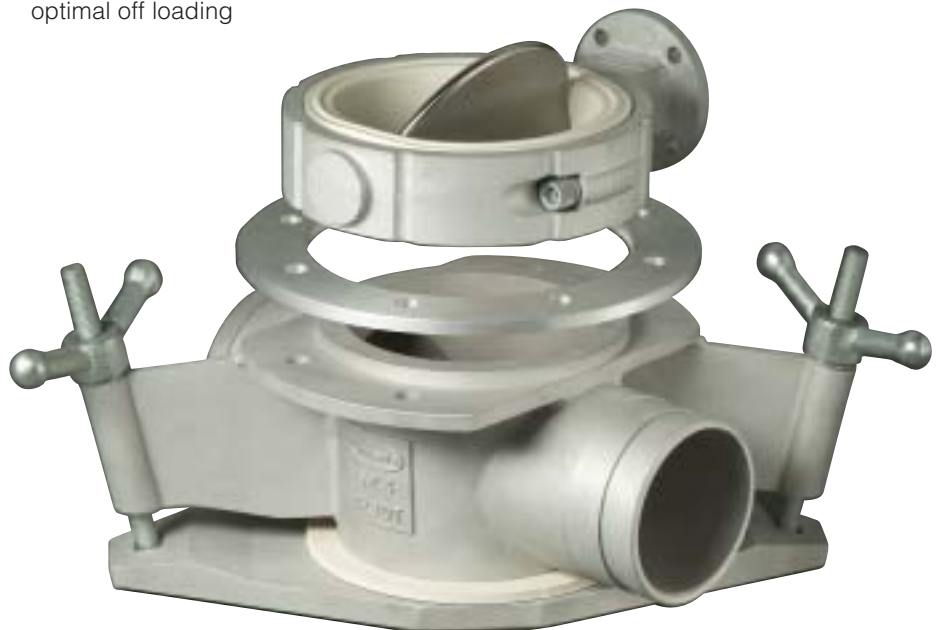


Dual Flanged Straight Tee

Dual Flanged Tees

- Dual flanged design allows removal of Tee while valve remains in place
- Optimum ground clearance
- Rugged cast aluminum construction
- Smooth, weld free flow paths for optimal off loading

- High unloading rates with reduced flow turbulence
- Straight and Bottom Drop Tees available in 5"x4" and 6"x4" sizes



Dual Flanged Bottom Drop Tee with Valve

Pneumatic Actuators



100 Series

- Torque range from 300 – 29,000 lb-ins.
- Double Acting and Spring Fail Safe versions are offered
- Hard anodized aluminum housing
- Direct mounting to Ultraflo valves and ISO mounting compliant
- NAMUR compliance

These rack and pinion actuators are suitable for both On-Off and Throttling applications. The Spring Fail Safe units feature a spring cartridge system for easy and safe maintenance. Features include external travel stops and valve position indicator. Actuators are available with an ENI (Electroless Nickel Impregnated) body which is ideal for corrosive and sanitary applications. Stainless Steel bodies are also available.

Accessories



3 & 4-Way Solenoid Valves

- Simple electrical operation of pneumatic actuators
- Available in NEMA 4 and NEMA 4,7,9 enclosures
- Direct mount to Ultraflo actuators
- No external tubing required

Manual Operators



- Direct coupling to the Ultraflo top plate
- Handles are available in 5 position, 10 position and multiple position configurations
- Available in Aluminum, Nodular Iron and Stainless Steel
- Open and closed stops are built-in
- Handles can be padlocked to prevent operation

Flanges

- 2"–12" Aluminum ANSI 125/150 flanges
- 2"–6" Aluminum TTMA flanges
- 3" Aluminum square flange for check valves

**Ultraflo Corporation is
ISO 9001:2000 certified.**

The data represented in this brochure is for general information only. Manufacturer is not responsible for acceptability of these products in relation to system requirements. Consult your Ultraflo representative for specific performance data and proper materials selection for your particular application.

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