

# TOP LINE

PROCESS EQUIPMENT COMPANY

Full Line



Stainless Steel Flow Control Equipment for the  
Food, Beverage, Dairy, Cosmetics, Biotechnology,  
Pharmaceutical and Electronics Processing Industries

[www.toplineonline.com](http://www.toplineonline.com)

# Valves

Valve models include pneumatic flow control, manual or automated diaphragm, ball, butterfly, check, plug and sampling type valves. All types have their own unique features and applications. Top Line valves are manufactured to relative industry standards allowing smooth control of product.



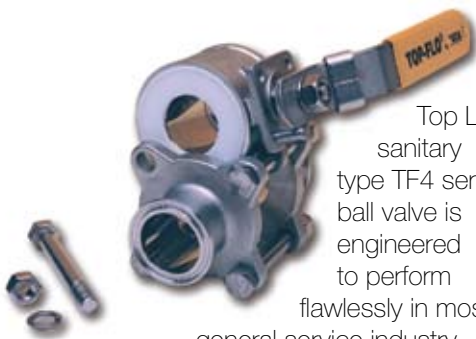
The TL60ARV air relief valve is used primarily for removal of trapped air from a line without loss of product. This design will not allow air to enter the line or container under negative pressure. These valves are typically found installed vertically on the suction inlet tube in front of CIP pumps.



Top Line low profile sampling valves provide minimum deadleg areas and positive shut off for sensitive fluids. Valves are available with buttweld or sanitary clamp end connections with hose barb discharge as standard. Standard connection sizes are 1/2" – 4" clamp end.



Top-Flo® Series 77 High Purity Ball Valves feature a high quality 316L investment casting. Valves are standard with sanitary clamp or orbital tube OD ends per BPE and include cavity filled or non-cavity seat material options. Fully traceable wetted parts are standard with MTR's. 15Ra internal finish standard with finishes available to 10Ra electropolish.



Top Line sanitary type TF4 series ball valve is engineered to perform flawlessly in most general service industry applications. Cavity filled virgin PTFE seats are standard.



Top Flo® butterfly valves minimize turbulence and maximize fluid flow-through. Features include a variety of FDA conforming seals, 32Ra surface finish, and it's self-draining.

Top Line offers disc, ball, and air-blow type check valves manufactured from 316L stainless steel with corresponding FDA & 3A conforming elastomers. Standard connections are sanitary clamp end with others available upon request.



3A style plug valves are basic sanitary flow control valves with minimal pressure drop. They feature a tapered core assembly that allows for easy manual cleaning while eliminating crevices that can lead to contamination.



Actuation available  
Full range of  
replacement parts

The Automated Flow Control Valves product line consists of mix-proof, tank bottom, shutoff, divert and pressure relief types. Valves are pneumatically automated as standard with optional electronic control tops for feedback. End connections available are sanitary clamp and butt weld with other connection styles upon request. Sizes range from 1/2" -6".



# Gauges

A limited range of accessory sanitary pressure and homogenizer gauges are available to compliment Top Line's product offering. Top-Flo® gauges have been specifically designed for applications in the food, dairy, and beverage industries. High pressure homogenizer gauges are designed to withstand harsh environments from dairy processing.



# Electropolishing

Top Line's sister facility specializes in state-of-the-art electropolishing services that provide an ultra-smooth finish for stainless steel. Whether for our own electropolished products or for surfaces on customer-supplied products, our proprietary technique increases corrosion resistance, removes contaminants, maximizes passivation and improves surface smoothness down to 5 Ra or better. Comprehensive services include precision pre-cleaning, final high-purity cleaning and rinsing, and post-electropolishing protection.



# Custom Specialties

Custom fabrications available include special fittings, tube assemblies, dip tubes, manifolds, spray headers, and machined specialties. These solutions provide our customers with an unlimited variety of non-standard items for unique requirements that are sometimes needed. Fine craftsmanship and quick turnaround highlight this line of products.



# Sight Glasses

Top Line has a variety of sanitary sight glasses including bolt, cross, and flanged types in sizes ranging from 1/2" to 6" in types 304 and 316L stainless steel. Standard site tubes are clear FDA acrylic with FDA buna seals with sanitary clamp connections. Options include unrated borosilicate site tube, Viton® or silicone seals, butt-weld and TI-Line type end connections. Bolted style sight glass can also be supplied with optional clear acrylic protection shield for added security and safety.



# Filters & Strainers

Top-Flo® in-line filters and strainers are constructed from corrosion fighting 316L material. They feature a sanitary design that facilitates ease of installation and quick cleanup during maintenance. Top Line offers filters and strainers in two lengths that are interchangeable with other comparable competitor models in the industry. A wide selection of replacement filter media, backup tubes, and overscreens as well as standard spare parts are also available.





# Diaphragm Valves

Top-Flo® hygienic weir diaphragm valves are the preferred valve for the pharmaceutical & biotech industries because of their unique fully drainable and cleanable design. Forged, wrought bar, and cast type 316L bodies are complimented with a full range of FDA, USP, and 3A conforming diaphragms. Body styles include standard 2-way, Divert, Access, L-pattern, Point of Use, T-Pattern, and specialty machined block bodies. Optional operators include autoclaveable stainless steel bonnets, and thermoplastic pneumatic actuators.



The Bio-Pro® forged and cast valves are the recommended choice for the high purity industries.



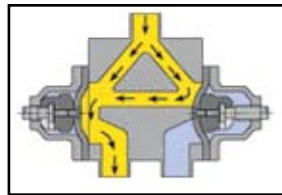
Access valve



Point of use valve



Divert valve



The divert valve body is designed for the specific purpose of preventing media contamination in ultra pure systems through stagnant fluid reduction.



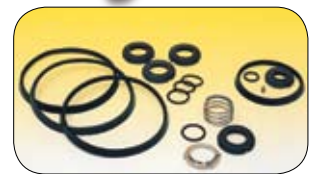
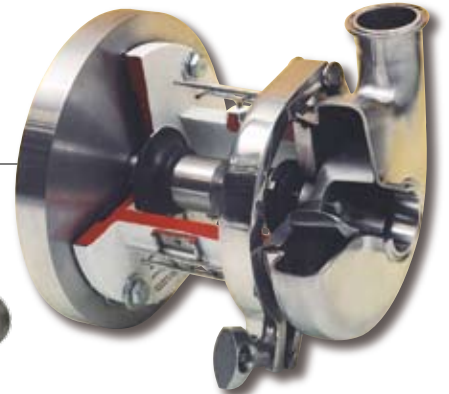
Tank bottom valve

# Centrifugal Pumps

The centrifugal pump range encompasses five TFC-Series style sizes – TF-C100, TF-C114, TF-C216, TF-C218, and TF-C328. General pump construction is 316LSS for wetted parts, 304SS pump adapter, and FDA & 3A conforming elastomer seals. Standard pump capacities are from 10-500 gallons per minute. Top-Flo® pumps have been designed to offer efficient, gentle transfer of product over a wide range of flow and viscosity conditions and are easy to install, clean and maintain. Top Line centrifugal pump replacement parts & seal kits are specifically designed to fit Top-Flo® pumps and comparable types from other major pump manufacturers. Pumps are 3A approved.



MOTORS AVAILABLE



Seal kits

TOP LINE SUPPLIES REPLACEMENT PARTS FOR MOST MANUFACTURER'S BRANDS

# Rotary Lobe Pumps

Top Line offers a complete capacity range of Rotary Lobe style pumps for the food, dairy, beverage, and pharmaceutical industries. Standard construction is 316L stainless steel wetted components with internal finish to 32 Ra. Options include various seal materials, seal flushes, jacketed front covers, integral pressure relief valves, various end connections, FDA approved elastomers, and improved internal finishes. Pumps are 3A and EHDGE approved.



# Fittings



Large Diameter fittings

Top Line produces stainless steel fittings with sanitary type connections including clamp, bevel seat, TI-Line, butt weld, and industry specific vacuum type end connections. All Top Line fittings are manufactured from both 304 and 316L stainless steel that meet all 3A dairy and BPE standards. Most fitting types are available in sizes 1/2" through 12". Pharmaceutical & biopharm type fittings meet or exceed BPE standards for tolerance and surface finish, and metallurgy. Internal Quality Control practices at Top Line ensure a low rejection rate that facilitates smooth jobsite installation.



Standard fittings



Vacuum fittings



Wyes



BPE fittings

# Clamps & Gaskets



Top Line carries the largest selection of clamps in the industry.

- 13MHMM
- 13MHLA
- 13LAH
- 13MHHS
- 13MHP
- 13IS
- 13HPIW

3A, FDA and USP gaskets

- Buna
- Teflon®
- EPDM
- Silicone
- Viton®
- Smart Gaskets
- Teflon® Envelope
- Orifice Plates
- Screen Gaskets

Viton and Teflon are the registered trademarks of DuPont

# Tubing & Hangers



Full length 20' tubing is stocked in type 304 and 316L with specialty alloys upon request. Tubing is manufactured to ASTM A249, A269 and A270 standards dependant on requirement. Mechanical polish options include 3A sanitary finish, 20RA mechanical or 10Ra electropolish. Various styles of hangers are available with polypropylene inserts or with epdm grommets to compliment tubing installation.



# Top Line Process Equipment

*Our Name Says It All*

## Top Line Product Line

Pumps · Valves · Fittings · Gaskets · Tubing · Hangers

Custom Specialties · Machined Components · Gauges

Pump and Valve Replacement Parts

Electropolish Services · Accessory Items



Top Line provides the finest quality products with a sales and marketing staff that boasts integrity, honesty, and reliability at their finest levels. From this foundation comes a full product line of the highest quality standards backed by service and competitive pricing.

CONTACT YOUR TOP LINE SALES REPRESENTATIVE FOR ASSISTANCE



. . . the source for  
all your product needs  
in the process industries

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