

# Air-Operated Double Diaphragm Pumps (AODD)

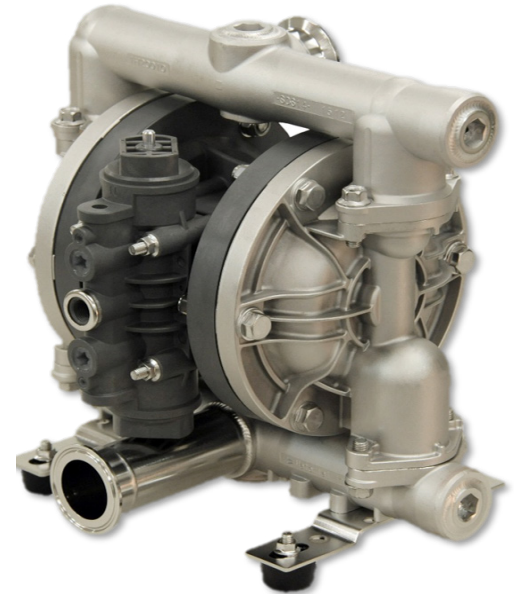
Specialty Pumps: FDA Compliant



## FDA Compliant Diaphragm Pumps

FDA AODD Pumps are manufactured with polished stainless steel wetted parts and FDA compliant materials & sanitary flange fittings. Commonly used in food, beverage, cosmetic, pharmaceutical & chemical applications where 3A, USDA and EHEDG certification are NOT required.

- 100% Pneumatic Operation
- Can Handle Large Solids Sizes & High Flow Rates
- Welded & Oversized Sanitary Flange Connections
- Electro Polished Stainless Steel Wetted Section & Hardware
- FDA Compliant Diaphragms, Check Valves, Seats, Guides & Seals
- Bolted Construction with Machined Mating Surface
- Outside Accessible Looped C<sup>®</sup> Air Motor
- Compact & Robust Construction
- Common "Drop-in" Pump Dimensions with Adjustable Footprint
- 100% Non-Lubricated Air Motor
- Fully Torqued and Tested Prior to Shipment
- Engineered for High Performance Operation & Reliability



### Sanitary Flange Fittings

Shipped as standard on all FDA compliant pumps. Welded and oversized stainless steel. Available in either Standard ISO or optional 3A sizes. Sanitary type clamp fittings and gaskets sold separately.



### TC-X253ST-FDA

- 1" FDA Type Electro Polished Stainless Steel Pump
- 1 1/2" Tri-Clamp<sup>®</sup> Connections
- 58 GPM Max Flow Rate
- 0.25" Max Solids Size

### FDA Pumps are available in several Sizes & Materials

- 1/4", 3/8", 1/2", 3/4", 1", 1 1/2" 2" & 3" Stainless Steel Pump Models
- Shipped with Oversized Sanitary Flange Connections
- Electro Polished Stainless Steel Body and Hardware
- FDA Compliant PTFE Elastomers, Liquid Seals & Check Valves
- Optional PPS, PPG or PTFE Coated Aluminium Air Motor Section
- # ISO Sanitary Flanges Shipped as standard with Optional 3A also available
- # FDA Compliant Drum Pumps & FDA Pulsation Dampeners are also available

PUMP MODEL	SANITARY FITTING SIZE
TC-X050 Series	3/4"
TC-X101 Series	3/4"
TC-X152 Series	1"
TC-X203 Series	1"
TC-X253 Series	1-1/2"
TC-X400/401 Series	2"
TC-X500/501 Series	2-1/2"
TC-X800/801 Series	4"

## Air-Operated Double Diaphragm (AODD) Pump Capabilities

Self Priming  
Can Run Dry  
Can Run Deadhead  
Variable Flow Rates

Variable Discharge Pressures  
Transfer Liquid Slurries  
Can Handle Hard Abrasive Solids  
Can Handle a Wide Variety of Liquids

Explosion Proof / Intrinsically Safe  
Portable & Easy to Use  
Can Pump Shear Sensitive Fluids  
Transfer Viscous Fluids



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