

Sanitary Handling Equipment

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Blackmer STX3 Stainless Steel Transport Pump



Stainless Steel Construction

Blackmer's STX3 is designed to meet a wide range of corrosive and non-corrosive fluids for common carriers. Standard construction: 316 stainless steel with external ball bearings, non-metallic Duravanes, PTFE elastomers, Blackmer chemical mechanical seals. See Typical Applications List.

Fast Off-Loading

The STX3 offers flow rates up to 250 GPM (946 LPM) with differential pressures up to 125 PSI (8.6 bar or 862 kPa) and maximum speed of 800 RPM. A typical 6,000 gallon (22,700 liter) tanker can be off-loaded as quick as 24 minutes.

Dry Run Capability

Blackmer's non-metallic vanes self-compensate for wear and allow the STX3 to run dry for short periods of time for self-priming and blowing lines clean, with-out pump damage.

Easy Maintenance

Internal wear is limited almost completely to the sliding-vanes, which can be replaced with ordinary metric hand tools.

Typical applications

Solvents
Chemicals
Chlorides
Sulfates
Vegetable oils
Urea
Many acids

Unique Features

316 Stainless Steel
Self-Priming
Line Clearing
Ball Bearing Construction
Chemical Mechanical Seals
Adjustable Relief Valve
Versatile Mounting Bracket

Jabsco 2" Pump

Jabsco's 2" pump is designed specifically for farm pick-ups that haul milk and are equipped with a remote drive.

The pump body and shaft are made of 316 Stainless Steel, the impeller is Neoprene based, the shaft seal is sanitary carbon face, the ports consist of 2" ACME threads and 2" clamp, and the weight is approximately 34 pounds. To view a full parts breakout refer to the appendix.



Full parts breakout **Appendix F-4**

Jabsco 2-1/2" 130 GPM Pump

This product is specifically designed for farm pick-up milk tanker trucks. Jabsco pumps are also available as pedestal mounted or close-coupled units with capacities to 100 GPM for other sanitary applications.



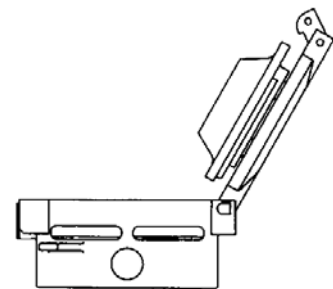
Body: Type 316 Stainless Steel
Impeller: Jabsco Sanitary Neoprene Compound
Seal: Sanitary Mechanical
Bearings: Ball/Roller Bearings
Shaft: Type 316 Stainless Steel
Ports: 2-1/2" Acme Threads
Weight: 50 lb (23 kg) Approximately

Full parts breakout **Appendix F-5**

Girard Sani-Vent

This venting device consists of dual-acting pallet to protect from over-pressurization and vacuum conditions in sanitary tank trailers. Electrochemically polished surfaces make the unit more easily cleanable to inhibit the growth of bacteria and other foreign contaminants. Ideal uses for this product are; liquid food grade products, high purity chemicals, pharmaceutical products, etc. The housing flap can be opened by hand for loading or the sampling of the product. The entire unit can be hermetically sealed and fastened to the container to guard against unauthorized tampering of the payload.

For replacement parts please refer to **Appendix L-7**



Waukesha 60TTF Valve

DBL carries a variety of replacement parts for the Waukesha 60TTF valve.

Please refer to **Appendix K-1 thru K-3** for replacement parts



Thomsen 60TTF 3" Tanker Valve

For replacement parts refer to **Appendix K-4 & K-5**



Bevel End Cap

3A Sanitary Stainless Steel bevel seat end cap.



Part#	Size
SANBC2	2"
SANBC2.5	2-1/2"
SANBC3	3"

Elbow With Nut

3A Sanitary Stainless Steel 90° elbow with bevel seat and nut.



Part#	Description
SANBL2	Bevel Elbow with Nut
SANBL2.5	Weld Elbow with Seat and Nut
SANBL3	Bevel Elbow with Nut

Sanitary Bevel Reducers

3A Sanitary Stainless Steel bevel seat x thread reducers.



Part#	Description
SANBR2.5X2	2-1/2" x 2" Bevel Seat Reducer
SANBR2X1.5	Stainless Threaded X 1-1/2" Bevel

Bevel Seat X Hose Shank

3A Sanitary Stainless Steel bevel seat x hose shank to install in the end of a milk hose.



Part#	Size
SANBT2	2"
SANBT2.5	2-1/2"

Stainless Steel Flanged End Cap

3A Sanitary stainless steel clamp in place end cap.



Part#	Size
SANFC2	2"
SANFC2.5	2-1/2"
SANFC3	3"
SANFC4	4"

Stainless Steel Clamp For Sanitary Pipe

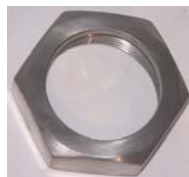
3A Sanitary stainless steel single pin clamp for clamp in place fittings.



Part#	Size
SANC1.5	1-1/2"
SANC2	2"
SANC2.5	2-1/2"
SANC3	3"
SANC4	4"

Hex Nut

3A Sanitary Stainless Steel hex nut for bevel seat type fittings.



Part#	Size
SANN1.5	1-1/2"
SANN2	2"
SANN2.5	2-1/2"
SANN3	3"

Sanitary Hose Hook

3A Sanitary stainless steel bevel seat end cap with hose hook.



Runovent

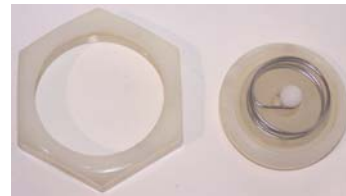
Sanitary three piece plastic vent designed for use in milk hauling operations. Internal baffle system prevents milk from spilling out.



Part#	Description
SANROVA	Runovent Complete
SANROVB	Runovent Inner Baffle
SANROVC	Runovent Cap
SANROVS	Runovent Outer Sleeve

Olson Vent Assembly and Plastic Nut

Spring loaded vent with plastic nut designed to be installed in top of milk tankers. Dual poppet design allows for normal vacuum and venting operations while preventing spilling.



Part#	Description
SANOLSONN	Plastic Nut
SANOLSONNV	Vent Assembly

3" Plastic Cap For Pump

Part# **SAN5281016**

Standard with ACME threads and chain.



Nalco Sample Box

Part# **WALB01314**

Insulated sample box made with a tough high grade polymer cover and it has sliding tracks on bottom to ease removal. Includes dividers.

Red Bottle Brush

3A Sanitary red bottle brushes for raw product.



Part#	Size
SAN6186892	Quart Size
SAN6186896	Pint Size

Petro-Gel Sanitary Grease

Part# **MISSGEL**

Sanitary lubricating grease used for various applications. Sold by case or by the tube.



Rubber Stopper For Dip Tube

Part# **WAL14-130Q**

Solid black rubber stopper for use on bottom of drip tube or installation on dipper.



Sanitary Spray

Hanes Sanitary Spray, available in two different consistencies (red used for normal operations, blue used when a thicker spray is desired). Available by can or case.



Part#	Description
MISSSPRAYB	Blue Can
MISSSPRAYR	Red Can

Walker Lower Dip Tube Holder

Part# **WALCAB3254**

Stainless Steel "L" shape bracket with cleats to hold dip tube base.



Walker Upper Dip Tube Holder

Part# **WALCAB3752**

Stainless steel spring loaded clip with single mounting hole to clamp onto dip tube.



60 ML Dipper With Stopper

Part# SAND60

3A sanitary stainless steel 60 ml. Dipper with rubber dipper stopper installed.



Stainless Steel Dipper Tube Holder

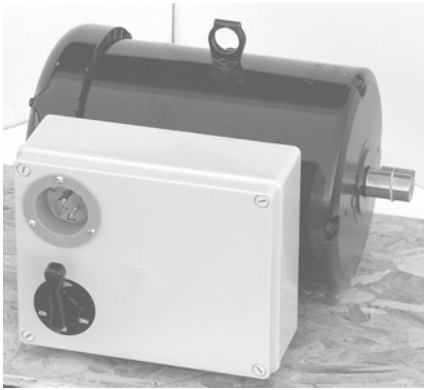
Sanitary stainless steel dipper tube used mainly by the milk hauling industry on trailers hauling milk. Made with standard 2" sanitary stainless steel tubing and lightweight stainless steel base for easy installation and cleaning.



Leeson 3 Horsepower 1800 RPM 230V /1PH Motor

Part# ELEMOT230-3

AC motor for use in farm pick-up applications.



Leeson 1-1/4 Horsepower, 12V DC Electric Motor

Part# ELEMOT12-1.25

12V DC, 1750 RPM motor has 5/8" output shaft and 30 minute duty cycle for use in farm pick-up applications.



Spirlite Milk Hose

Clear wall and white helix, smooth service. FDA and USDA approved. Used for milk handling and food processing requiring see-through flow.



Part#	Size
HOS170-2	2"
HOS170-2X100	2" (100 FT. ROLL)
HOS170-2.5	2-1/2"
HOS170-2.5X100	2-1/2" (100 FT. ROLL)
HOS170-3	3"

Kanaflex Sanitary Milk Hose

Heavy duty food grade suction hose for milk hauling (tank truck) and farm pick-up.



Part#	Size
HOS212MK	2"
HOS212MKX100	2" (100 FT. ROLL)

Tigerflex Low Temperature Milk Hose

Smooth bore and clear PVC construction. Complies with FDA and USDA requirements and 3-A Sanitary standards. Used for milk suction and transfer of liquid dairy products.

Part#	Size
HOSLT200X100	2"
HOSLT250X100	2-1/2"

Tygone Hose

Clear, heavy walled sanitary hose designed for connecting pumps and valves in milk transfer compartment.



Part#	Size
HOSTY2	2" (3/8" Wall)
HOSTY3	3" (1/2" Wall)