



400 SERIES ELECTRIC DUAL DIAPHRAGM AGRICULTURAL CHEMICAL & OIL TRANSFER PUMPS

- **Pump specifications:** Reciprocating, spring driven and controlled dual diaphragm design | Glass-filled polypropylene construction | Particle tolerance up to 0.1" diameter | 1" NPT-F inlet/outlet
- **Flow rate:** Up to 15 GPM (57 LPM) at 1.5 cP | 12 GPM (45 LPM) at 350 cP
- **Max pressure:** 15 psi | **Max lift:** 10' (water) | **Max temp:** 130°F
- **Motor:** 1/4 hp thermally overload protected with quality ball-bearing construction
- **12 VDC:** 20' (6m) power cable with battery clips w/30 amp fuse
- **24 VDC:** 15' (4.6m) power cable (no clips or fuse)
- **115 VAC:** 6.6' (2m) power cable with 3-prong grounded plug-in connector
- **115 VAC:** 12' (3.7m) power cable with 3-prong grounded plug-in connector (Explosion Proof UL Listed Motor)
- **Internal wetted parts:** Glass-filled polypropylene, fluorocarbon, 304 stainless steel, EPDM or fluorocarbon wetted seals and Santoprene® or Hytrel® diaphragms (Viton seals)
- Compatible with most agricultural and industrial chemicals, oils and lubricants. Refer to Fill-Rite's Chemical Compatibility Guide* for more info.

SS415BX731PG - 12 VDC

- Santoprene® diaphragm
- All items needed to pump from a tote or drum
- Outstanding versatility with caged totes
- Order SS460BX731PG for 115V AC version



SS435B - 12 VDC

- Chemtraveller
- Santoprene® diaphragm
- Portable tubular frame with top and bottom adapter kits
- 825 Meter
- 9' EPDM inlet hose / 12' EPDM discharge hose, shutoff valve, and all connection fittings
- The premier portable chemical transfer pump



SS460BX674 - 115 VAC

- Santoprene® diaphragm
- 90° flanged ports
- Ideal for seed treatment applications



SS460BX731 - 115 VAC

- Santoprene® diaphragm
- 2" NPT bung adapter and SS pump stand
- Pump only - for portable use



SS417B - 12 VDC

- Santoprene® diaphragm
- 2" NPT bung adapter integral to inlet
- Polypropylene telescoping suction tube
- Top mounted on barrels or totes
- Designed to easily transfer one pump to multiple shuttles or tanks



SS445BX700 - 12 VDC

- Santoprene® diaphragm
- 9" GemCap and recirculation unit for chemical shuttles
- Versatile EPDM seals for a wide range of chemicals



SS420B - 12 VDC

- Santoprene® diaphragm
- 2" NPT connection
- Polypropylene telescoping suction tube
- 12' EPDM hose, shutoff valve and nozzle retainer
- Especially adapted for barrels and solid 2" NPT application
- S460B for 115V AC version



SS465BX713 - 115 VAC

- Chemtraveller
- Santoprene® diaphragm
- Portable tubular frame with top and bottom adapter kits
- 9' EPDM inlet hose / 12' EPDM discharge hose, shutoff valve, and all connection fittings
- Wheel kit for maximum mobility



FR410B - 12 VDC

- Hytrel® diaphragm
- 12' Buna hose
- Telescoping steel suction pipe
- Manual nozzle with boot
- 2" NPT bung adapter
- For pumping oils and lubricants



FR450B - 115 VAC

- Hytrel® diaphragm
- 12' Buna hose / telescoping steel suction pipe
- Manual nozzle with boot
- 2" NPT bung adapter
- For pumping oils and lubricants



FILL-RITE DEF

HAND PUMPS

FRHP32V

- Fast delivery - 11 oz (.03 LPM) per stroke
- Suitable for low volume shops - great for emergency backup
- Bung adapter included - securely fastens pump to drum
- Polypropylene construction, fluorocarbon seals
- Telescoping suction pipe included



KITHA32V

- 3/4" x 8' hose with ball tap valve



FRAP32V

- Up to 6.5 GPM (24 LPM) flow rate - up to 100 psi
- Bung adapter included - securely fastens pump to drum
- Polypropylene construction, fluorocarbon seals
- Telescoping suction pipe included



KITHA32VMN

- 3/4" x 8' hose with manual nozzle and nozzle hook



CHEMICAL & DEF PUMP SYSTEMS

AC & DC PUMP SYSTEMS

- For DEF/AdBlue®, and water only
- Flow rate: Up to 8 GPM (30 LPM) | Self priming to 8'
- Max bypass: 38 psi | 30-minute duty cycle
- Includes 3/4" straight and hose barb fittings | 2-year warranty
- 9 different system configurations available for AC and DC combined at: fillrite.com/DEF

DF120CAN520-RP - 120 VAC

DF012CAN520-RP - 12 VDC

- Cage IBC bracket for tote mounting
- 3/4" automatic nozzle
- Nozzle boot assembly
- RPV (Micro Matic® composite dispense coupler)
- 5' and 20' discharge / suction hose



DF120DAN520 - 120 VAC

- Drum bracket
- Nozzle boot assembly
- 3/4" automatic nozzle
- 5' and 20' discharge / suction hose



*Available on sotera.com



CHEMICAL & DEF FLOW METERS

TT10PN (NPT threads) / TT10PB (BSPP threads)

- **Flow rate:** 2-35 GPM (8-132 LPM)
- **Max Pressure:** 50 psi
- **Measures:** Ounces, pints, quarts, liters, gallons, or user defined
- Battery powered (2 AA batteries-easy to replace)
- UL/cUL, CE, ATEX, IECEx certifications
- Easy field calibration - 20 presets
- ± 1% accuracy rating
- Rubber boot protects against impact damage
- 1" inlet/outlet
- Compatible with DEF/AdBlue®, antifreeze, de-icing fluid, non-potable water, and other chemicals
- 2-year warranty



800 SERIES DIGITAL METERS

- **Flow rate:** 2-20 GPM (7-75 LPM)
- **Max Pressure:** 125 psi
- **Measures:** Ounces, pints, quarts, liters, gallons or user defined
- Battery powered (2 AA batteries - 825/850 models)
- Quick 1-step calibration
- ± 2% accuracy rating
- Rugged, corrosion-resistant body
- The favored meter for agriculture chemical transfer
- Compatible with pesticides, fertilizers, water, crop, gear, & motor oils, diesel fuel, mineral spirits, ethylene glycol, mild acids, soaps, detergents, DEF/AdBlue® and more
- 2-year warranty

825

- Versatile meter for use in-line, at the end of the hose, or mounted to one 400B Series Electric Diaphragm Pumps



850

- The 850 includes a mass air sensor that distinguishes between fluid and air. This means the 850 stops metering when you've finished emptying a container, adding an extra degree of accuracy



THE SOTERA™ BRAND

Sotera™ is an internationally recognized leader in the fluid transfer industry. With durability and quality as our top priorities, we build our products in the USA from the best global materials available. The Sotera brand stands for promises kept by doing exactly what we say for our customers. Our goal is to inspire people to choose, live and love our brand and cultivate relationships that last for life.

Our manufacturing facility is ISO 9001:2015 and ATEX Certified

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CHEMICAL TRANSFER PUMPS AND ACCESSORIES

