

HYPRO® • SHURflo®

MINI-BULK CHEMICAL TRANSFER

Systems & Accessories



AG Runner™



The SHURflo AG Runner Transfer Pump System is designed to safely and accurately transfer bulk chemicals to the point of use.

Features include:

- Industry leading pump
- Portable
- Can be used with a variety of bulk containers
- Built for rugged service with a heavy-duty welded frame
- Simple and accurate flow indicator

Order Information

| Part # | Flow Meter Type | Description |
|-----------------|------------------------|---|
| SF-1100-PTS | Pump-mounted (FM-1100) | Chemical Transfer Pump with 12 vdc motor, 20 ft. cable, alligator clips and in-line fuse (Part # SF-1100), electronic flow meter, 1-in. npt x 12 ft. Epdm discharge hose with ball valve/spout, and 1-in. npt x 12 ft. Epdm inlet hose with 1-in. elbow/ball valve/fitting assembly with locking cam arms |
| SF-1100-PTSi | Inline (FM-1100i) | |
| SF-1100-PTSi-00 | No Flow Meter | |
| SF-1105-PTS | Pump-mounted (FM-1100) | |
| SF-1105-PTSi | Inline (FM-1100i) | |

See Mini-Bulk Pump (pg. 3) for performance information.



Mini-Bulk Chemical Transfer System



SHURflo Mini-Bulk Chemical Transfer Pumps and Systems are designed specifically for chemical company tanks where the pump is integral to the tank. The SF-1100-REC system is mounted to any tank with a 9-inch, threaded opening. This system allows the pump to recirculate the suspended chemical components prior to transferring to the point of use.

Order Information

| Part # | Description |
|-----------------|---|
| SF-1100-REC-DT* | Chemical Transfer Pump with 12 VDC motor, 20 ft. cable, alligator clips & in-line fuse (Part # SF-1100-EPDM valves or SF-1105-Viton Valves), in-line electronic flow meter (Part # FM-1100i), 1-in. NPT x 12 ft. EPDM discharge hose with ball valve/spout, 3-way valve, tubing and fittings to allow tank recirculation, and 28" dip tube. |
| SF-1105-REC-DT* | |

See Mini-Bulk Pump (pg. 3) for performance information.

* DT model includes 28" dip tube.



Mini-Bulk Pumps



The SF-1100 Series Bulk Chemical Pumps are the industry leader. They are designed for efficiency and power to handle highly viscous fluids. Servicing the SF-1100 series pump is a rare event, but if needed, it can be serviced quickly and easily with only a few hand tools.

- Specialized EPDM elastics or Viton option
- 12 volt DC or 110 volt AC motor option
- 20 foot cord with alligator clips and in-line fuse (DC only)
- Weather protected on/off switch
- Internal bypass to protect the pump at shut-off
- 2" MNPT inlet, 1" FNPT outlet
- Capable of priming up to 12 feet

Order Information

| Part # | Valves | Motor |
|--------------|--------|---------|
| SF-1100 | Epdm | 12 VDC |
| SF-1100-110V | Epdm | 110 VAC |
| SF-1105 | Viton | 12 VDC |

| Model | PSI | BAR | GPM | L/min | Amps |
|---------------------|-----|-----|------|-------|------|
| SF-1100 and SF-1105 | 0 | 0.0 | 10.7 | 40 | 9.3 |
| | 5 | 0.3 | 10.1 | 38 | 10.3 |
| | 10 | 0.7 | 8.7 | 33 | 12.3 |
| | 15 | 1.0 | 7.6 | 29 | 13.9 |

Mini-Bulk Flow Meters



The FM-1100 Series Electronic Flow Meter is designed for accurate and easy measuring of transferred chemicals. The FM-1100 Series Flow Meter is an integral component for a complete bulk chemical transfer system.

- Max. flow of 20 gpm (.5% after calibration)
- Accurate nutating disk design
- Large LCD display makes meter reading easy from a distance
- Simple calibration steps and control button layout
- Long-life lithium battery
- Easy-to-service electronics and batteries
- Available in pump-mounted and hose-end configurations

Order Information

| Part # | Description |
|----------|--|
| FM-1100 | Pump-mounted meter kit- 1" MNPT inlet & outlet |
| FM-1100i | Inline meter kit -1" FNPT inlet & outlet |



Part# 94-718-00



Part# 94-719-00



Part# 94-720-00
& 94-720-05



Part# 94-721-00

Mini-Bulk Pump Kits for SF-1100 Series

| Part Number | Description |
|-------------|---|
| 94-718-00 | Motor assembly kit used in any SF-1100 series pumps. Kit includes a 12 VDC motor with integrated pump lower housing, built-in on-off switch, 20 foot cable, alligator clips and in-line fuse (Support bracket part # 84-1038-08) |
| 94-719-00 | Santoprene diaphragm/lower housing/drive assembly - ready for installation |
| 94-720-00 | EPDM valve housing kits include a complete fully-assembled valve housing with o-ring seal* - ready for installation |
| 94-720-05 | Viton valve housing kits include a complete fully-assembled valve housing with o-ring seal* - ready for installation |
| 94-721-00 | Polypropylene upper housing - includes o-ring seal* and pump head screws |

* Manufacturer recommends replacing the O-ring seal whenever the pump has been dismantled.



Part# 94-732-00



Part# 94-733-00



Part# 94-734-00



Part# 94-735-00



Part# 94-736-00

Mini-Bulk Flow Meter Kits for FM-1100 Series

| Part Number | Description |
|-------------|--|
| 94-732-00 | Flow meter electronics kit includes the front cover assembly and the electronic display with o-ring and batteries. Kit fits both pump-mounted and in-line meters (O-ring part # 5-040-154) |
| 94-733-00 | Flow meter housing seal cover kit includes the seal cover, o-ring and screws. Kit fits both pump-mounted and in-line meters. (O-ring part # 5-040-154) |
| 94-734-00 | Nutating chamber assembly, including o-ring seal. Kit fits both pump-mounted and in-line meters |
| 94-735-00 | 90° meter housing with o-ring seal for pump-mounted flow meter. (O-ring part # 5-043-240) |
| 94-736-00 | Meter housing with o-ring seal for in-line flow meter. (O-ring part # 5-043-240) |



Part# 3320-0064



Part# 8-727-00



Part# 94-712-00



Part# 94-716-00



Part# 94-717-00



Part# 94-723-00



Part# 94-724-00



Part# 94-725-00



Part# 94-737-00



Part# 94-738-00

Other Mini-Bulk Parts & Accessories

| Part Number | Description |
|-------------|--|
| 3320-0064 | Anti-flow back valve for EPA compliance |
| 8-727-00 | 2 inch FNPT by 1 Inch FNPT polypropylene reducer coupling |
| 94-712-00 | 2 inch male NPT by 2 inch female NPT street elbow fitting |
| 94-716-00 | 1 inch NPT ball valve with spout |
| 94-717-00 | 1 inch NPT x 12 foot EPDM discharge hose kit |
| 94-723-00 | Set of red and black alligator clips, including fuse holder |
| 94-724-00 | Replacement recirculation lid (Gasket part # 7-155-00) |
| 94-725-00 | Replacement recirculation cap |
| 94-737-00 | Recirculation system return hose kit - includes return hose and two hose clamps |
| 94-738-00 | Elbow, valve and coupling assembly - includes a 1 inch street elbow, 1 inch ball valve, and 1 inch bayonet tank coupling |



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