

## FUEL HANDLING

### P/N 560203

25 Gallon Gas Caddy features heavy duty metal construction with fill level gauge and an industrial grade two-way rotary hand pump that can be used to siphon or dispense gasoline or diesel fuel. The Caddy is supplied with a ground wire and clamp, fire-screened vent and filler neck combination and a set of decals for contents identification.

This Gas Caddy complies with OSHA guidelines and is FM approved.

Makes fuel transfer safe and easy. Ideal for auto repair shops, motorcycle shops, salvage yards and marinas where fuel tanks need to be drained before repair or removal.

Dimensions: 46" H (with pump) x 21" W x 21" D



### P/N 560204

This economical 25 Gallon Gas Caddy is designed for fuel storage and transfer via gravity flow and provides a safe and easy way to fuel watercraft, ATV's, lawn and other motorized equipment. It is constructed of high strength cross linked polyethylene and features a molded-in handle which also serves as a secure rest when the unit is being transported lying down. 10" semi-pneumatic wheels allow easy movement over almost any surface. Caddy includes a 3/4" x 10' discharge hose and heavy duty spring loaded nozzle.



### P/N 560205

Two way pumping capability of this 25 gallon Gas Caddy allows it to be used for fuel transfer as well as siphoning. The unit is constructed of high strength, cross linked polyethylene for excellent durability and features a molded-in handle which also serves as a secure rest when in the horizontal position. 10" semi-pneumatic wheels allow easy movement over almost any surface. Caddy comes with heavy duty hand pump for siphoning or dispensing and includes 3/4" x 10' hose and spout.



## FUEL HANDLING



### Standard Duty

#### Pumps and Meters

|   | P/N 560066<br>Model SD1202                       | P/N 560066A<br>Model SD1202A                     | P/N 560072<br>Model SD602                        | P/N 560072A<br>Model SD602A                      |
|---|--|--|--|--|
| Features  | 12 Volt DC Pump                                  | 12 Volt DC Pump w/ Automatic Nozzle              | 115 Volt AC Pump                                 | 115 Volt AC Pump w/Automatic Nozzle              |
| Warranty  | One Year   | One Year   | One Year   | One Year   |
| Pump body construction  | Cast Iron  | Cast Iron  | Cast Iron  | Cast Iron  |
| Maximum flow rate with factory provided hose and nozzle                                     | 13 GPM (49 LPM)                                  | 10 GPM (38 LPM)                                  | 13 GPM (49 LPM)                                  | 10 GPM (38 LPM)                                  |
| Rotor composition   | Bronze/Iron                                      | Bronze/Iron                                      | Bronze/Iron                                      | Bronze/Iron                                      |
| Explosion-proof motor with two sealed ball bearings   | 1/4 HP   | 1/4 HP   | 1/4 HP   | 1/4 HP   |
| Amps  | 20 AMP   | 20 AMP   | 1.5 AMP  | 1.5 AMP  |
| Thermal overload protection   | Yes  | Yes  | Yes  | Yes  |
| Inlet   | 1" NPT   | 1" NPT   | 1" NPT   | 1" NPT   |
| Outlet  | 3/4" NPT   | 3/4" NPT   | 3/4" NPT   | 3/4" NPT   |
| Threaded tank adapter   | 2" NPT   | 2" NPT   | 2" NPT   | 2" NPT   |
| Bypass valve  | Yes  | Yes  | Yes  | Yes  |
| Built-in strainer   | Yes  | Yes  | Yes  | Yes  |
| Motor approvals   | U/L, cU/L  | U/L, cU/L  | U/L, cU/L  | U/L, cU/L  |
| Pump may be padlocked   | Yes  | Yes  | Yes  | Yes  |
| Nozzle hanger   | Yes  | Yes  | Yes  | Yes  |
| Duty cycle  | 30 minute  | 30 minute  | 30 minute  | 30 minute  |
| <b>Available Options</b>  |  |  |  |  |
| 807CMK Meter Kit (gal or liters)  | Yes  | Yes  | Yes  | Yes  |
| Automatic Nozzle  | Yes  | Standard   | Yes  | Standard   |
| 3/4" Manual Nozzle  | Standard   | Yes  | Standard   | Yes  |
| Particulate & Hydrosorb Filter Kits   | Yes  | Yes  | Yes  | Yes  |
| <b>Box Contents</b>   |  |  |  |  |
| Suction pipe 15 to 55 gal. drums  | 2-Piece Polymer                                  | 2-Piece Polymer                                  | 3-Piece Polymer                                  | 3-Piece Polymer                                  |
| 15' (4.6m) – 3 wire power cable   | Yes  | Yes  | —  | —  |
| 3/4" Hose with static wire  | 10 Feet (3m)                                     | 10 Feet (3m)                                     | 10 Feet (3m)                                     | 10 Feet (3m)                                     |
| 3/4" Manual Nozzle  | Yes  | —  | Yes  | —  |
| 3/4" Automatic Nozzle   | —  | Yes  | —  | Yes  |
| <b>Applications</b>   |  |  |  |  |
| Compatible fluids<br>(Not to be used with fluids that have a flash point of 100°F or less.) | Diesel Fuel, gasoline, kerosene, mineral spirits | Diesel Fuel, gasoline, kerosene, mineral spirits | Diesel Fuel, gasoline, kerosene, mineral spirits | Diesel Fuel, gasoline, kerosene, mineral spirits |

These pumps shall not be used for direct fueling of aircraft without filters and separators necessary to ensure product purity.

**FUEL HANDLING****Heavy Duty DC****Pumps and Meters**

**P/N 560012  
Model 1210C**

**P/N 560062  
Model FR4210D**

**P/N 560045  
Model FR410**

|  |  |  |  |
|--|--|--|--|
| Features   | 12 Volt DC<br>Rotary Vane Pump   | 12 Volt DC<br>High Flow Pump   | 12 Volt DC<br>Diaphragm Pump   |
| Warranty   | Two Year   | Two Year   | Two Year   |
| Construction pump housing  | Cast Iron  | Cast Iron  | Polypropylene  |
| Maximum flow rate with factory provided hose and nozzle                                    | 15 GPM (57 LPM)  | 20 GPM (76 LPM)  | 13 GPM (49 LPM)<br>(Dependent on viscosity)  |
| Rotor composition  | Iron   | Iron   | —  |
| Explosion-proof motor with two sealed ball bearings  | 1/4 HP   | 1/4 HP   | 1/4 HP   |
| Amp draw from battery  | 20 AMP   | 22 AMP   | 20 AMP   |
| Thermal overload protection  | Yes  | Yes  | Yes  |
| Inlet  | 1" NPT   | 1" NPT   | 1" NPT   |
| Outlet   | 3/4" NPT   | 1" NPT   | 1" NPT   |
| Threaded tank adapter  | 2" NPT   | 2" NPT   | 2" NPT   |
| Internal bypass valve  | Yes  | Yes  | Not required   |
| Built-in strainer  | Yes  | Yes  | No   |
| Motor approvals  | U/L, cU/L, CE  | U/L, cU/L, CE  | U/L, cU/L, CE  |
| Spring driven diaphragm  | —  | —  | Yes  |
| Built-in check valve   | Yes  | Yes  | Yes  |
| Pump may be padlocked  | Yes  | Yes  | No   |
| Nozzle hanger  | Yes  | Yes  | Yes  |
| Machined carbon vanes  | Yes  | Yes  | N/A  |
| Duty cycle   | 30 minute  | 30 minute  | 30 minute  |
| <b>Available Options</b>   |  |  |  |
| Model 800C/820 meter (gal or liters)   | Yes (Series 800C)  | —  | Yes (Series 800C/820)  |
| Series 900 Meter (gallons or liters)   | —  | No   | —  |
| Automatic Nozzle   | Yes  | Yes  | —  |
| Ball valve nozzle for chemicals  | —  | —  | Yes  |
| Santoprene diaphragm for increased chemical compatibility                                  | —  | —  | Yes  |
| 24 Volt 1/4 HP   | Series FR2400C<br>10 Amp motor   | Series FR4400<br>13 Amp motor  | Series 200<br>10 Amp motor   |
| <b>Box Contents</b>  |  |  |  |
| Telescoping steel suction pipe 1" NPT  | Yes  | Yes  | Yes  |
| U/L hose with static wire  | 3/4" x 12' (3.7m)  | 1" x 12' (3.7m)  | 1" x 12' (3.7m)  |
| Nozzle   | 3/4" Manual  | 1" Manual  | 1" Manual  |
| 18 (4.6m) 3-wire power cable   | Yes  | Yes  | Yes  |
| <b>Applications</b>  |  |  |  |
| Compatible fluids<br>(Not to be used with fluids that have a flash point of 100°F or less) | Diesel Fuel, gasoline, kerosene, mineral spirits, Stoddard solvent and heptane | Diesel Fuel, gasoline, kerosene, mineral spirits, Stoddard solvent and heptane | Ethylene Glycol, diesel fuel grease, hydraulic oil, kerosene, motor oil, and water |

## FUEL HANDLING



### Heavy Duty AC

| Pumps and Meters   | P/N 560026<br>Model FR610C   | P/N 560014<br>Model FR700  | P/N 560042/560027<br>Model FR300/FR310  | P/N 560024<br>Model FR450  |
|--|--|--|---|--|
| Features   | 115 Volt AC Pump   | 115 Volt AC High Flow Pump   | 115 Volt AC Super High Flow   | 115 Volt AC Diaphragm Pump   |
| Warranty   | Two Year   | Two Year   | Two Year  | Two Year   |
| Pump body construction   | Cast Iron  | Cast Iron  | Cast Iron   | Polypropylene  |
| Maximum flow rate with factory provided hose and nozzle                                    | 15 GPM (57 LPM)  | 20 GPM (76 LPM)  | <b>1/2 HP: (FR300)</b><br>20 GPM (76 LPM)<br><b>3/4 HP: (FR310)</b><br>35 GPM (132 LPM) | 13 GPM (49 LPM)<br>(Dependent on viscosity)  |
| Rotor composition  | Iron   | Iron   | Iron  | N/A  |
| Expl. proof motor w/ ball bearings   | 1/4 HP   | 1/3 HP   | 1/2 HP & 3/4 HP   | 1/4 HP   |
| AC / hertz   | 115 Volt / 60Hz  | 115 Volt / 60 Hz   | Dual Voltage<br>115/230 VAC / 50-60Hz   | 115 Volt / 60 Hz   |
| Thermal overload protection  | Yes  | Yes  | Yes   | Yes  |
| Inlet  | 1" NPT   | 1" NPT   | 1 1/2 " NPT   | 1" NPT   |
| Outlet   | 3/4" NPT   | 3/4" NPT   | 1" NPT  | 1" NPT   |
| Tank Adapter   | 2" NPT   | 2" NPT   | 2" NPT  | 2" NPT   |
| Approvals  | UL, cUL Listed   | UL, cUL, CSA Listed  | UL, cUL, CSA Listed   | UL, cUL (motor)  |
| Pump may be padlocked  | Yes  | Yes  | Yes   | —  |
| Spring driven diaphragm  | —  | —  | —   | Yes  |
| Bypass valve & built-in strainer   | Yes  | Yes  | Yes   | Not required   |
| Integral check valve   | Yes  | Yes  | Yes   | No   |
| Nozzle boot to protect from dirt   | Yes  | Yes  | Yes   | Yes  |
| Machined carbon vanes  | Yes  | Yes  | Yes   | N/A  |
| Duty cycle   | 30 minute  | 30 minute  | 30 minute   | 30 minute  |
| <b>Available Options</b>   |  |  |   |  |
| Model 800 meter (gal. or liters)   | Yes  | Yes  | —   | Yes  |
| Series 900 meter (gal. or liters)  | —  | —  | Yes   | —  |
| Auto nozzles and nozzle hangers  | Yes  | Yes  | Yes   | —  |
| Ball valve nozzle for chemicals  | —  | —  | —   | Yes  |
| Pedestal for underground tanks   | —  | Yes  | Yes   | —  |
| Santoprene diaphragm for increased chemical compatibility                                  | —  | —  | —   | Yes  |
| 230 Volt AC Explosion Proof Motor  | Series FR650-X661, 50Hz with 1" hose, CE Marked (18 GPM/LPM)                   | Model 700G UL listed 1/3 Hp Motor 230 VAC 50/60Hz                              | Standard  | Model FR450E 1/4 HP motor 230 VAC 50Hz   |
| Australian & EX approved models  | Yes  | Yes  | Yes   | —  |
| <b>Box Contents</b>  |  |  |   |  |
| Telescoping steel suction pipe   | Yes  | —  | —   | Yes  |
| U/L hose with static wire  | 3/4" x 12' (3.7m)  | 3/4" x 12' (3.7m)  | 1" x 12' (3.7m)   | 1" x 12' (3.7m)  |
| Nozzle   | 3/4" Manual  | 3/4" Manual  | 1" Manual   | 3/4" Manual  |
| <b>Applications</b>  |  |  |   |  |
| Compatible fluids<br>(Not to be used with fluids that have a flash point of 100°F or less) | Diesel Fuel, gasoline, kerosene, mineral spirits, Stoddard solvent and heptane | Diesel Fuel, gasoline, kerosene, mineral spirits, Stoddard solvent and heptane | Diesel Fuel, gasoline, kerosene, mineral spirits, Stoddard solvent and heptane          | Ethylene Glycol, diesel fuel grease, hydraulic oil, kerosene, motor oil, and water |

## FUEL HANDLING – HAND PUMPS

MODEL **FR1211C**, P/N 560060  
 Model FR1210C Pump with  
 FR807C Meter installed, 20 GPM



MODEL **FR4211D**, P/N 560064  
 Model FR4210D Pump with  
 FR901 Meter installed, 20 GPM



MODEL **MA-20**, P/N 560008  
 Polypropylene Piston Pump uses Buna-N seals for transfer of fluids such as engine oil, gear oil, antifreeze and similar fluids compatible with materials of construction. Fits drums up to 55 gallons. Approx. 12 strokes/gal.



MODEL **FR701**, P/N 560015  
 115 VAC Pump FR700 with  
 FR807C Meter installed, 20 GPM

MODEL **FR301**, P/N 560043  
 Model FR300 Pump with  
 FR901 Meter installed, 20 GPM

MODEL **FR311**, P/N 560022  
 Model FR310 Diesel Fuel Pump  
 with FR901 Meter installed,  
 20 GPM



MODEL **MA-5R**, P/N 10005R  
 Cast iron Rotary Hand Pump, two vane construction, for use with lubricating oils. Comes complete with 2" bung adapter and three piece steel suction pipe. Not recommended for use with gasoline. Approx. 20 revolutions/gal.

MODEL **FR31**, P/N 560028  
 Heavy Cast Iron quart stroke Pump that reliably and accurately dispenses one quart with each handle rotation. Rack and pinion design allows for easy calibration and provision for padlock feature. Includes swing return drain tube and telescoping suction pipe.



MODEL **FR152**, P/N 560000  
 Lightweight cast aluminum Piston Hand Pump uses a stainless steel inner liner to prevent wear of cylinder. Pump delivers up to 20 gallons per 100 strokes and is ideal for use with gasoline, diesel fuel and light oils. Includes anti-siphoning device, padlock feature, bung adapter and telescoping suction pipe.



MODEL **FR112**, P/N 560003  
 Cast aluminum Rotary Vane Pump suitable for pumping medium viscosity liquids as well as oils, gasoline and diesel fuels. Rotary action allows smooth, continuous fluid transfer at up to 10 gallons per 100 revolutions. Complete with telescoping suction pipe, bung adapter, 8 ft. nitrile hose with nozzle and vacuum breaker to prevent siphoning.

## FUEL HANDLING ACCESSORIES

### MODEL **LM-301**, P/N 100403

Economical nutating disc meter for use with fluids such as gasoline and diesel fuel. The large easy to read 3 digit mechanical display may be reset on either the left or the right side which allows more flexibility upon installation. The display orientation may be rotated in increments of 90 degrees to accommodate various plumbing requirements. Flow range is from 5 to 30 GPM with an accuracy to within  $\pm 1\%$  and an operating pressure of 50 PSI. Maximum resettable batch total is 99.9 with five digit totalizer. Inlet and outlet are 1" NPTF. Not for gravity flow use.



### MODEL **FR807CMK**, P/N 560034-CMK

Three digit meter kit to fit standard duty pump Models SD1202 and SD602.



### MODEL **LM-401**, P/N 100407

Four digit resettable batch total of 999.9 gallons allows fueling of large vehicles. Flow range and other specifications are same as model LM-301. Not for gravity flow use.



### MODEL **FR807C**, P/N 560034

Industry standard nutating disc meter for use with gasoline, diesel fuel and similar fluids. Easy calibration allows accuracy of up to  $\pm 1\%$ . Flow range of 5 to 20 GPM via 3/4" NPTF ports, pressure rated to 50 PSI, 3 digit resettable total with 6 digit totalizer.



### MODEL **FR806C**, P/N 560034-V1

Same as P/N 560034 above except designed for use with gravity flow above ground tanks. Includes 1" NPTF inlet strainer.

### MODEL **LS-100**, P/N 100415

Stainless steel 400 mesh strainer for use with models LM-301 and LM-401 mechanical meters. Strainer may be easily removed for cleaning.



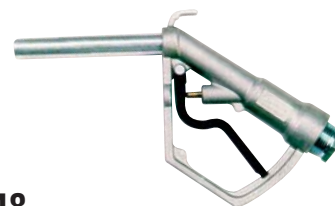
### MODEL **FR901**, P/N 560001

High flow nutating disc meter with a flow range of 6 to 40 GPM and  $\pm 2\%$  accuracy. Resettable batch total displays four digits.



### P/N **560050**

3/4" Inlet automatic unleaded fuel nozzle, UL listed.



### P/N **560048**

3/4" manual nozzle with unleaded spout and hook, UL listed.



### P/N **560051**

1" Inlet automatic diesel fuel nozzle, UL listed.



### P/N **560052**

1" manual nozzle, diesel spout with hook, UL listed.