SAVE THESE INSTRUCTIONS

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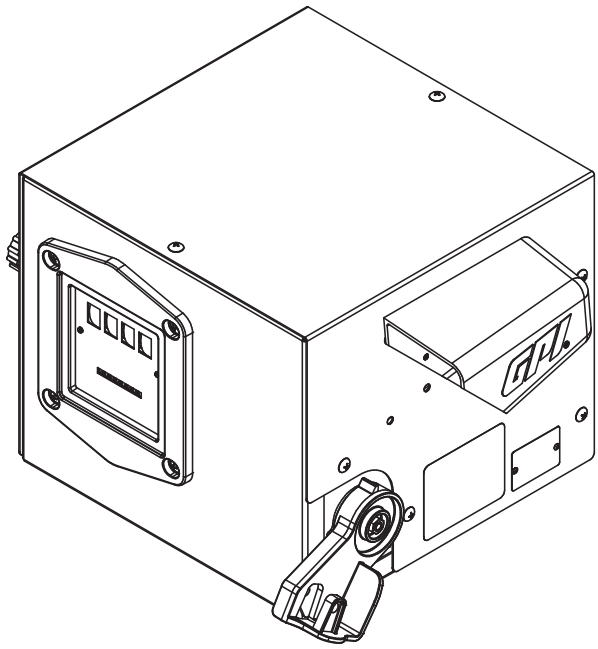
GREAT PLAINS INDUSTRIES, INC.

CM-3120 (115-volt, NPT, Gallon or Litre)
CM-3220 (230-volt, NPT, Gallon)
CM-3260 (230-volt, BSPT, Litre)
Heavy Duty Cabinet Model Fuel Transfer System

Owner's Manual



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SAFETY INFORMATION

The purpose of this manual is to assist you in installing, operating and maintaining your GPI fuel transfer system. If you need additional assistance, contact your GPI dealer or the GPI Customer Service Department.

The following safety alert symbols are used in this manual. Obey all safety messages that follow this symbol to avoid possible injury or death.

⚠ DANGER — **DANGER indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.**

⚠ WARNING — **WARNING indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.**

⚠ CAUTION — **CAUTION indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.**

CAUTION — **CAUTION used without the safety alert symbol indicates a potentially hazardous situation which, if not avoided, may result in property damage.**

There are inherent dangers wherever flammable fuel and AC electrical sources are in close proximity.

Static electricity as a source of sparking is always a concern and requires extreme care in the installation and operation of your entire fuel transfer system.

Additional components such as automatic nozzles and filters must be listed for use with fuel transfer systems. The flow of fuel through a hose and nozzle can generate static electrical charges and dangerous sparking can result in fire or explosion. Hoses and nozzles must be electrically conductive and bonded to ground.

It is your responsibility to:

- Know and follow applicable national, state and local safety codes pertaining to installing and operating electrical equipment for use with flammable liquids.
- Know and follow all safety precautions when handling petroleum fuels.
- Ensure that all equipment operators have access to adequate instructions concerning safe operating and maintenance procedures.

INSTALLATION

Mechanical Connections

⚠ WARNING

Coverplates protect the operator from moving parts. Never operate the fuel transfer system without coverplates in place. Never apply electric power to the fuel transfer system without coverplates in place. Always disconnect power before repairing or servicing.

Your fuel transfer system is designed for use only with thin viscosity petroleum fuels. Do not use this fuel transfer system for dispensing any fluids other than those for which it was designed.

- CM-3120 and CM-3220: Designed for all thin viscosity petroleum fuels such as gasoline, gasoline/ethanol blends at levels designated as “gasohol” (E10 maximum), diesel and kerosene.
- CM-3260: Designed for diesel fuel only.

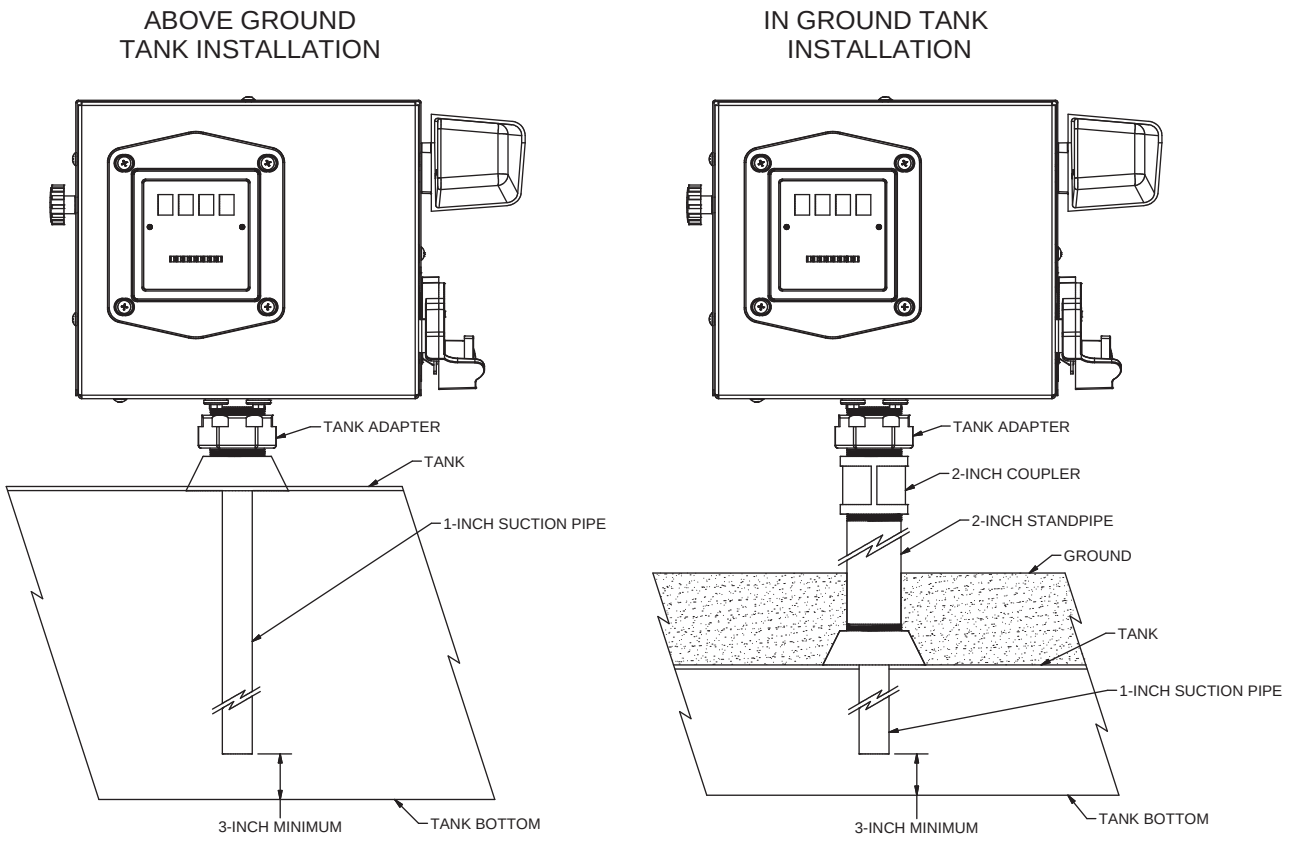
Using the system with other fuels can damage components and void the warranty.

Seal all threaded fuel connections with thread tape or a pipe thread sealing compound approved for use with petroleum fuels.

Install your system according to NFPA 30A guidelines for non-commercial application on fixed above ground tanks with a maximum capacity not to exceed 6,000 gallons (22,700 litres). The tank must not be accessible to the public. The cabinet model fuel system can also be mounted on underground tanks.

A UL Listed pressure vacuum vent must be used on your tank. If the tank is not vented, contact your GPI distributor for the correct vent cap.

FIGURE 1



The fuel transfer system pump has a built-in check valve to keep the pump primed. No additional check valve is required on suction pipes shorter than 15 ft. (4.6 m). Make sure any check valves or foot valves used are equipped with proper pressure relief valves.

Your fuel transfer system is designed to mount directly to a standard 2-inch female tank fitting. A 2-inch tank adapter fitting is included for ease of installation. For the suction pipe, a 1-inch galvanized steel pipe cut to length and threaded on one end may be used. Connect the threaded end of the suction pipe to the tank adapter, tighten securely, and install into tank. The suction pipe end should not be installed closer than 3 inches (7.6 cm) to the tank bottom (Figure 1).

Nozzles and Hoses

All accessories for **CM-3120** and **CM-3220** must be UL Listed. The nozzle cover and cradle is designed for use with any UL Listed interchangeable service station type hose nozzle valve.

NOTE: Use of other off-the-shelf nozzles may result in malfunction and reduced system performance.

FIGURE 2

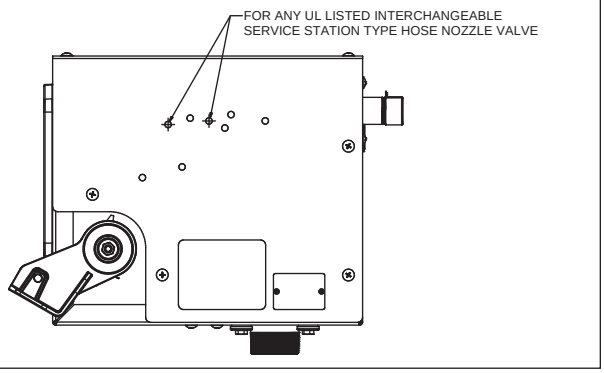
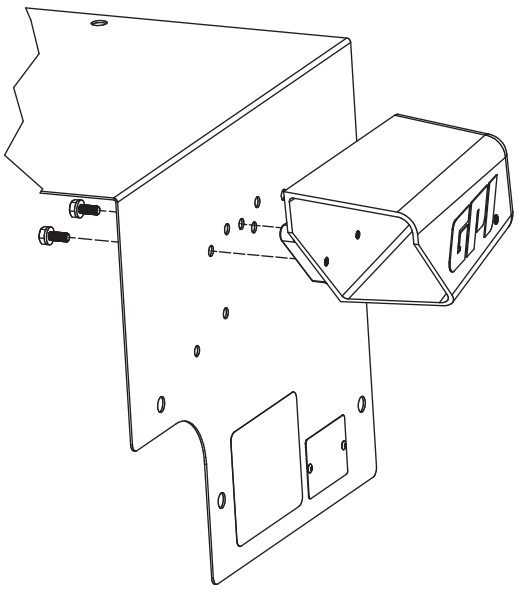


FIGURE 3



INSTALLATION OF NOZZLE COVER

For UL Listed interchangeable nozzles, attach nozzle cover using mounting hole positions as outlined in owner's manual (Figure 2 and 3) or label on side of cabinet.

1. Remove fasteners and lift off top panel from cabinet.
2. Attach nozzle cover to side of top panel at the hole locations shown.
3. Install top panel and fasteners.

⚠ DANGER

The fuel transfer system must be installed by a licensed electrician and conform to National Fire Protection Association (NFPA) codes 30 and 70 or Canadian Electric Code C22.1 as applicable. You, as the owner, are responsible for seeing that the installation and operation of your system complies with NFPA codes as well as any applicable state and local codes. Rigid conduit must be used to install wiring.

Failure to follow these wiring instructions may result in death or serious injury from shock, fire or explosion.

The system must be properly grounded to avoid personal injury. Operating an ungrounded or improperly grounded system may result in death due to electrical shock, fire or explosion.

Electrical Connections

Electrical wiring and connections must be made only by a licensed electrician in accordance with national, state and local electrical codes regarding Class I, Division 1, Group D locations. Other codes may apply.

The thread for the conduit connection at the pump electrical box is 1/2-inch FNPT.

A standard 15-amp breaker is recommended.

This pump is equipped with an auxiliary AC accessory lead. The third wire (brown for 115-volt system and purple for 230-volt system) is to be used to energize a control circuit that operates a device such as a signal light or a solenoid operated valve. Maximum amp draw on the control circuit is 1 amp. If you do not need this feature, ensure that the wire is insulated and enclosed within the electrical cavity of the pump.

Outside the United States, installation should be performed in compliance with local codes.

⚠ CAUTION

Connect pump to the proper voltage source.

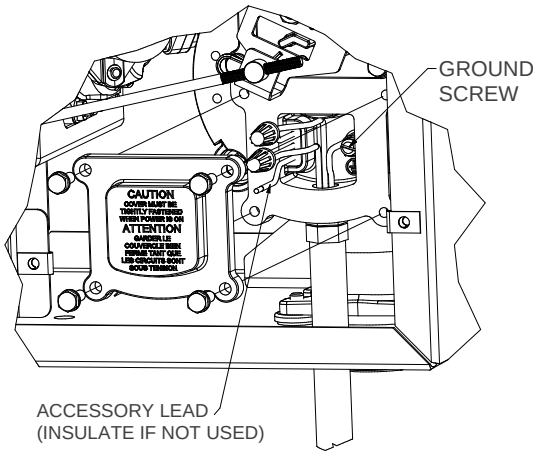
- **CM-3120 Fuel Transfer System is designed to operate on 115 VAC, 60 Hz.**
- **CM-3220 and CM-3260 Fuel Transfer Systems are designed to operate on 220-240 VAC, 50/60 Hz.**

Connection to improper voltage will damage pump.

Wiring Details

1. Remove electrical coverplate. (Figure 4) Install conduit and cable from switchbox to pump electrical box. Wiring must be in accordance with Class I, Division 1 requirements in the applicable national electrical code.

FIGURE 4



2. Attach ground wire using the green ground screw located inside the electrical box. For 115-volt system connect the power cable to the black and white pump wires and the control circuit (if required) to the brown wire. For 230-volt system connect the power cable to the brown and blue pump wires and the control circuit (if required) to the purple wire. Secure with wire nuts.
3. Position wires inside the electrical box. Replace electrical coverplate with all four (4) screws and tighten securely.

OPERATION

⚠ DANGER

To prevent physical injury, observe precautions against fire or explosion when dispensing fuel. Do not operate the system in the presence of any source of ignition including running or hot engines, lighted cigarettes, or gas or electric heaters.

⚠ WARNING

Observe precautions against electrical shock when operating the system. Serious or fatal shock can result from operating electrical equipment in damp or wet locations.

⚠ CAUTION

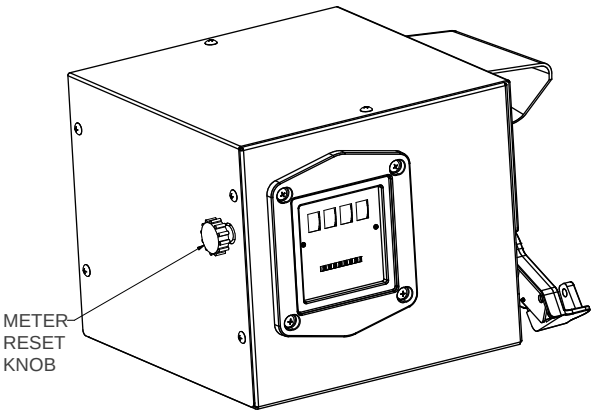
Avoid prolonged skin contact with petroleum fuels. Use protective goggles, gloves, and aprons in case of splashing or spills. Change saturated clothing and wash skin promptly with soap and water.

Fuel Meter Display

The Batch Total for each fuel delivery is displayed on the front of the cabinet. Before dispensing, reset the Batch Total by turning the knob. (Figure 5)

The small display represents the Cumulative Total of all fuel deliveries and cannot be reset.

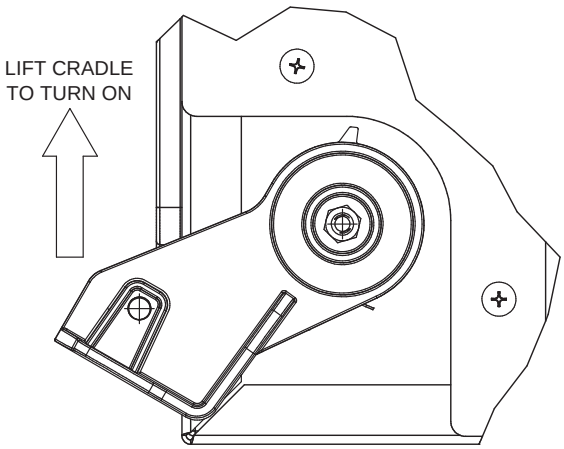
FIGURE 5



To Dispense Fuel

1. Remove the nozzle from the nozzle cradle. Turn the pump on by lifting upward on the nozzle cradle (Figure 6).

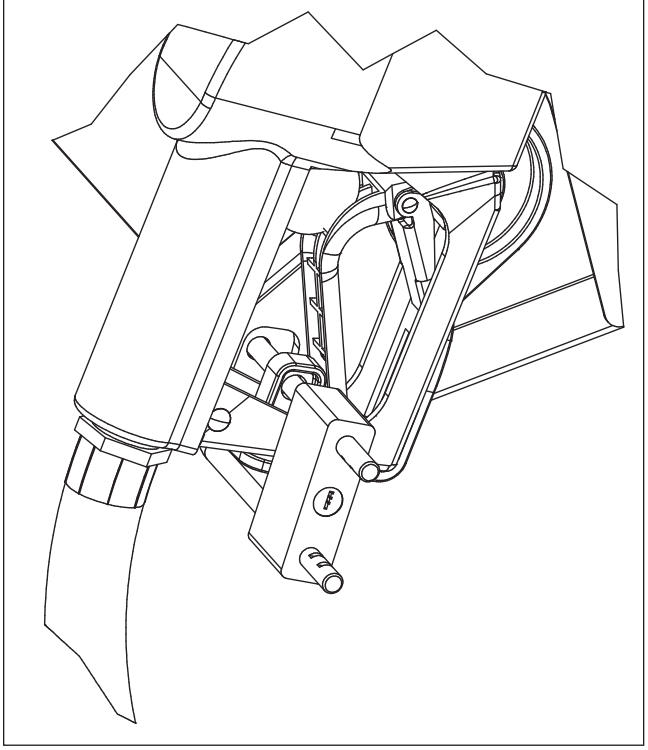
FIGURE 6



(CRADLE SHOWN IN OFF POSITION)

2. Insert the nozzle into the receiving tank and squeeze the handle to dispense fuel.
3. After dispensing fuel, push the nozzle cradle down to turn the pump off and return nozzle to the holder. The pump motor cannot be operated with nozzle in the holder. Use the lock holes provided to lock the nozzle in place to prevent unauthorized use. (Figure 7)

FIGURE 7



The pump contains an automatic bypass valve to prevent pressure buildup when the pump is on but the nozzle is closed. Do not leave the pump on for more than 10 minutes with the nozzle closed.

Never leave the pump running without fluid. Dry running can damage the pump components.

The pump has a duty cycle of 30 minutes ON and 30 minutes OFF. Do not overheat. Allow the motor to cool the same length of time it was in operation.

The fuel strainer and check valve assembly should be cleaned on a regular basis or if low flowrate is noticed.

If the pump becomes too hot, a thermal protector will automatically shut the motor off and prevent operation until it cools.

⚠ CAUTION

Always turn the pump off if the thermal protector trips. If left on, the pump will automatically reset when cool and start pumping.

MAINTENANCE

⚠ WARNING

Coverplates protect the operator from moving parts. Never operate the fuel transfer system without coverplates in place. Never apply electric power to the fuel transfer system without coverplates in place. Always disconnect power before repairing or servicing.

Meter Calibration

The meter is accurately calibrated at the factory for use with diesel fuel. Due to differences in viscosity and flow rates, the meter may require recalibration to measure other fuels or to adjust for inaccuracies.

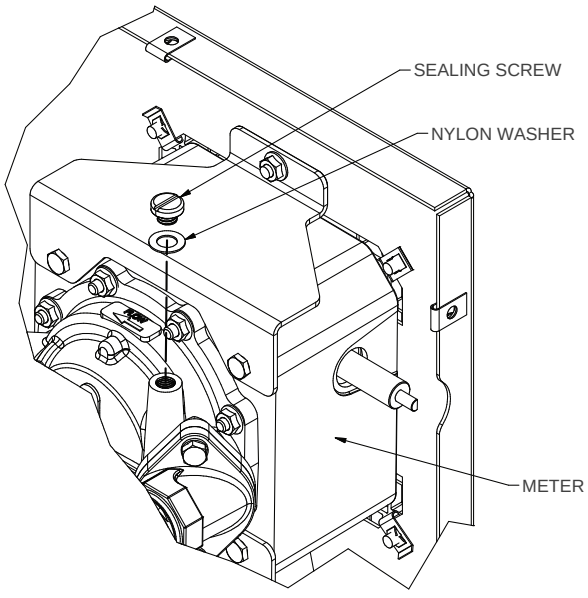
To Calibrate the Meter:

1. Purge air from the meter and fuel system by dispensing fuel into a container until a full flow occurs. Close the nozzle.
2. Reset the meter counter to zero by twisting the knob on this side of the meter (Figure 5).
3. Pump into a graduated calibration container to a specified quantity. For the greatest accuracy, be sure the container is placed on a level surface and a consistent flow rate is used. When topping off the calibration container, use a quick-open and quick-close method until the mark is reached.
4. Compare the meter display to the quantity in the container. If the display does not register the quantity in the container, adjust the meter as follows:

Adjusting the Meter:

1. Pull twist knob off and remove the cabinet top panel. Gain access to the recessed calibration screw by turning the calibration screw cover and seal counterclockwise. Remove the cover and nylon washer. (Figure 8)

FIGURE 8



2. If the meter registered less than the quantity in the container, turn the calibration screw clockwise. If the meter display read more than the amount in the container, turn the calibration screw counterclockwise.
3. Empty the calibration container and repeat steps 2 to 4 of the Meter Calibration instructions until the meter registers the quantity in the container.
4. Install the nylon washer, calibration screw cover and replace cabinet side cover panel.

Clean or Replace Strainer

To gain access to the meter, remove twist knob from side of cabinet. Take off cabinet top panel.

1. Remove (4) fasteners attaching bezel to cabinet.
2. Remove (2) fasteners attaching meter to front of cabinet.
3. Remove the nuts and bolts at the inlet fitting of the meter.
4. Remove the bolts at the outlet fitting of the meter (do not lose o-ring).
5. Remove the o-ring and strainer from the inlet side of the meter.
6. Using a fine brush clean the strainer. Replace the strainer as necessary.
7. Wipe clean the inlet, housing, and o-ring groove. Coat the o-ring with oil or light grease. Make sure the o-ring is fully seated. Replace the strainer.
8. Position the inlet fitting in its original orientation and tighten the nuts and bolts until snug.
9. Install o-ring on outlet fitting and re-tighten (be sure o-ring has been cleaned and coated with oil or light grease).
10. Replace top cabinet panel and install panel fasteners. Insert twist knob on shaft on side of cabinet.

METER SPECIFICATIONS

Unit of Measure:
U.S. gallons or litres

Flow Range:
5 to 30 GPM (19 to 114 LPM)

Typical Accuracy:
± 2%

Type:
Nutating Disc

Housing Material:
Aluminum

Maximum Working Pressure:
50 PSIG (3.4 bar)

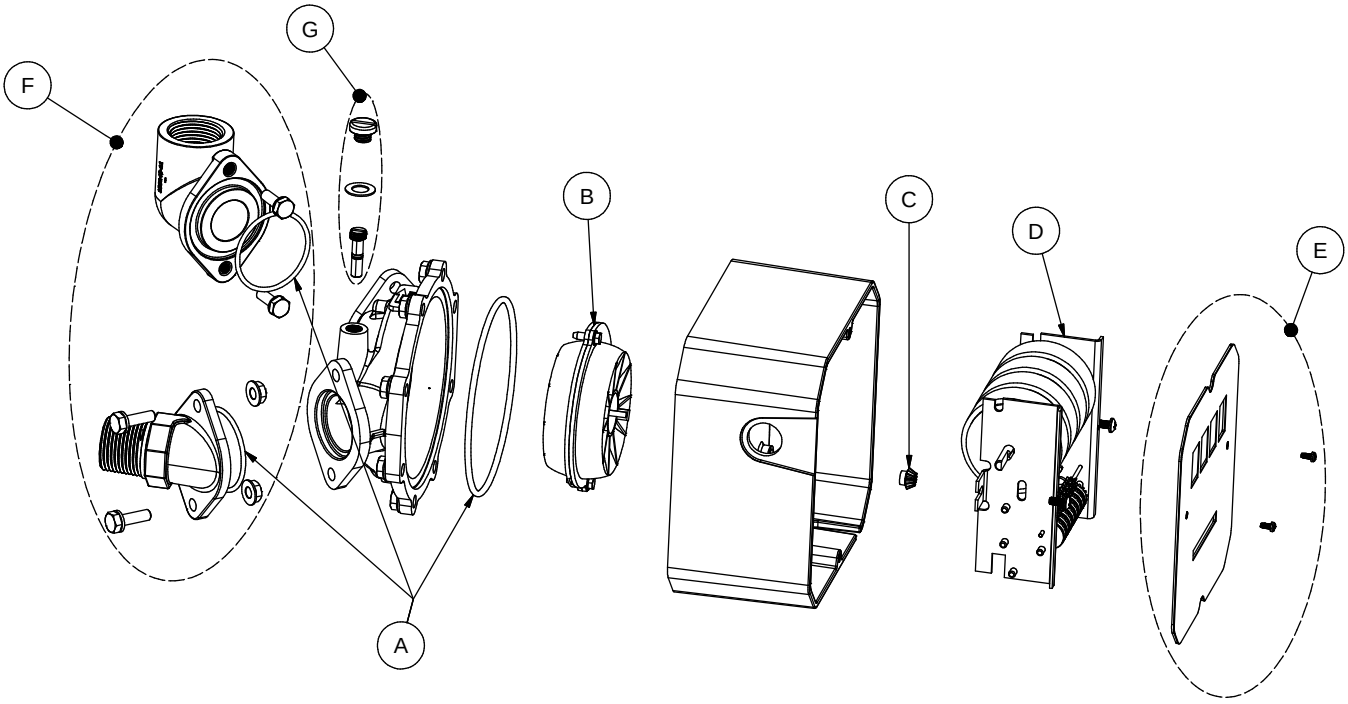
Maximum Batch Total:
999.9 (9999 for litre)

Maximum Cumulative Total:
9,999,999.9 (99,999,999 for litre)

METER TROUBLESHOOTING

SYMPTOM	PROBABLE CAUSE	CORRECTIVE ACTION
A. METER COUNTER DOES NOT OPERATE (Normal fuel delivery)	1. Broken counter assembly	Replace counter.
	2. Foreign material in counter or nutator assembly	Remove and clean counter assembly or nutator assembly
	3. Broken nutator disc pin or defective nutator assembly	Install new nutator assembly.
	4. Jammed material in nutator assembly	Contact GPI Customer Service.
B. METER COUNTER DOES NOT OPERATE (Little or no fuel flow)	1. Clogged strainer in meter	Clean or replace strainer.
	2. Other system components malfunctioning	Check all system components from tank to nozzle for clogs and/or malfunctions. Repair as necessary.
	3. Foreign material in nutator assembly	Remove and clean nutator assembly.
C. FUEL LEAKAGE	1. Leakage at counter drive shaft	Replace coverplate assembly.
	2. Leakage between coverplate	Remove coverplate and inspect for damaged, missing or and housing incorrectly seated seal. Replace as required.
	3. Leakage at fittings	Remove fittings and inspect for damaged, missing or incorrectly seated seals. Replace as required.
	4. Leakage at threads	Remove meter and reseal all threaded connections nwith Teflon® tape or pipe thread sealing compound approved for use with flammable liquids.

METER ILLUSTRATED PARTS DRAWING

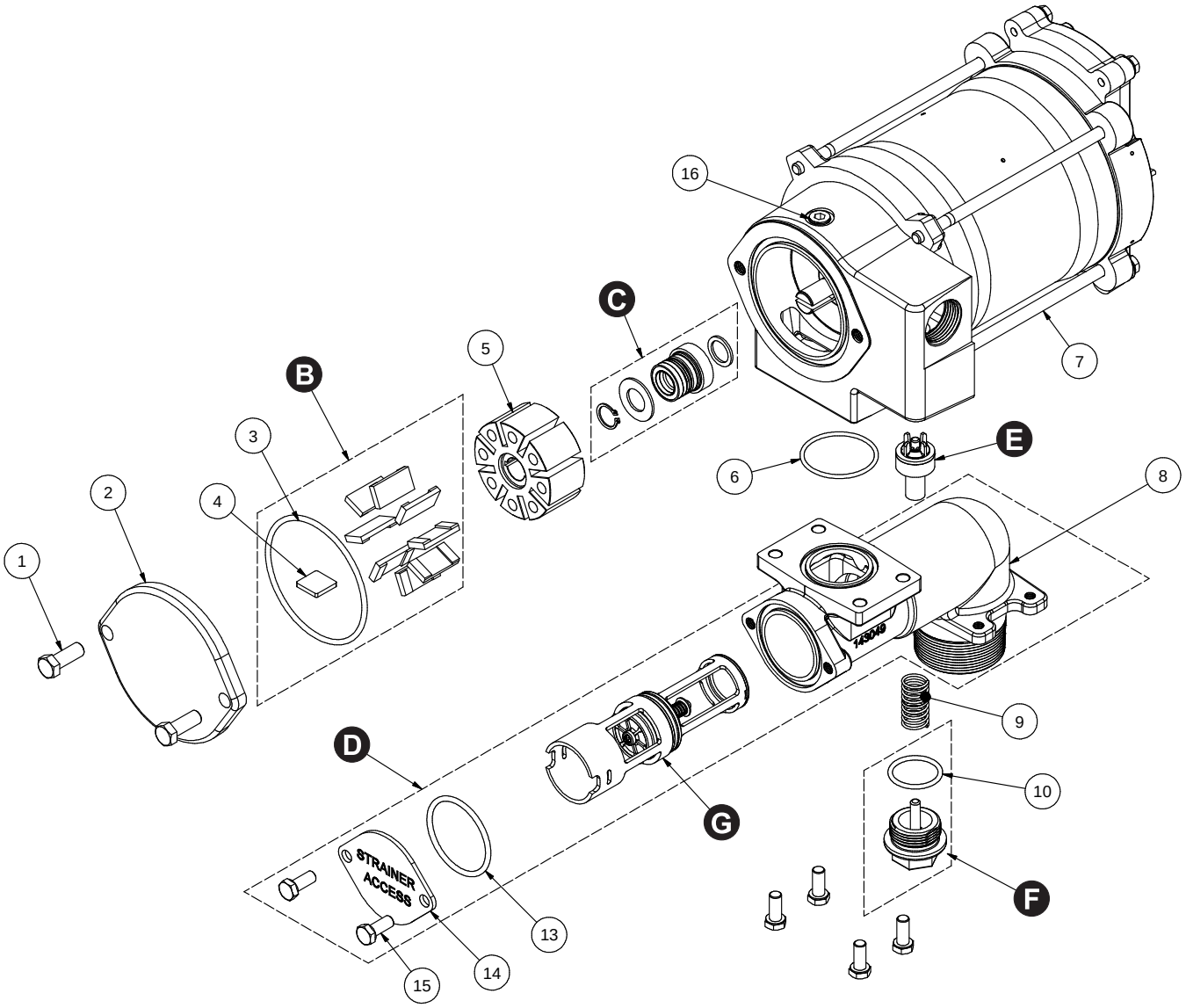


Kit Identifier	Part Number	Description
A	126530-09	Seal Kit - Includes 1 Housing O-Ring and 2 Fitting O-Rings
B	126530-08	Nutator Assembly Kit - Includes hardware
C	126530-06	Bevel Gear Kit
D	126530-04	Gallon Counter Assembly Kit - Includes Counter Assembly and hardware
	126530-05	Litre Counter Assembly Kit - Includes Counter Assembly and hardware
E	126530-02	Gallon Faceplate Kit - Includes Faceplate, Decal and hardware
	126530-03	Litre Faceplate Kit - Includes Faceplate, Decal and hardware
F	143500-03	Fitting Kit - Includes 1 inch NPT Fittings and hardware
G	126530-11	Calibration Screw Kit - Includes Screw, Washer O-Ring and Cover

PUMP TROUBLESHOOTING

SYMPTOM	PROBABLE CAUSE	CORRECTIVE ACTION
A. MOTOR DOES NOT RUN	1. No electrical power to pump	Check breaker, switchbox and wiring.
	2. Thermal protector tripped	Allow motor to cool. Thermal protector will automatically reset.
	3. Rotor or vanes jammed	Remove coverplate and check for damage or obstruction.
B. MOTOR RUNS, BUT NO FLOW	1. Tank level low	Add fuel to tank.
	2. Clogged filter assembly	Remove and clean filter assembly.
	3. Clogged or broken suction pipe	Remove pump and clear suction pipe. Replace as needed.
	4. Broken shaft key	Replace shaft key. Check rotor or vanes for obstruction.
C. PUMP FAILS TO PRIME	1. Air leak in system	Check for air leaks at all joints.
	2. Bypass valve stuck open	Remove bypass valve and clean or replace as needed.
	3. Check valve stuck open	Remove check valve and clean or replace as needed.
	4. Rotor or vanes worn	Check rotor and vanes for excessive wear.
D. LOW FLOWRATE	1. Low voltage	Check incoming line voltage.
	2. Clogged filter assembly	Clean filter assembly.
	3. Air leak in system	Check for air leaks at all joints.
	4. Bypass valve stuck open	Remove bypass valve and clean or replace as needed.
	5. Rotor or vanes worn	Check rotor and vanes for excessive wear.
	6. Outlet is blocked	Check all accessories for blockage.
	7. Clogged or broken suction pipe	Remove pump and clear suction pipe. Replace as needed.
E. MOTOR STALLS WHEN NOZZLE IS CLOSED	1. Bypass valve stuck closed	Remove bypass valve and clean or replace as needed.
	2. Rotor or vanes worn	Check rotor and vanes for excessive wear.
	3. Low voltage	Check incoming line voltage.
F. FUEL LEAKAGE	1. Threaded joint loose	Check and reseal threaded joint.
	2. Insufficient bolt torque	Retighten bolts.
	3. Lost or damaged O-rings	Check O-rings for damage. Replace as needed.
	4. Shaft seal worn or damaged	Fuel leaking from drain hole indicates shaft seal needs to be replaced.
G. MOTOR OVERHEATS	1. Pumping high viscosity fluids	Pump only low viscosity fluids.
	2. Clogged filter assembly	Clean filter assembly.
	3. Clogged or broken suction pipe	Remove pump and clear suction pipe. Replace as needed.

PUMP ILLUSTRATED PARTS DRAWING

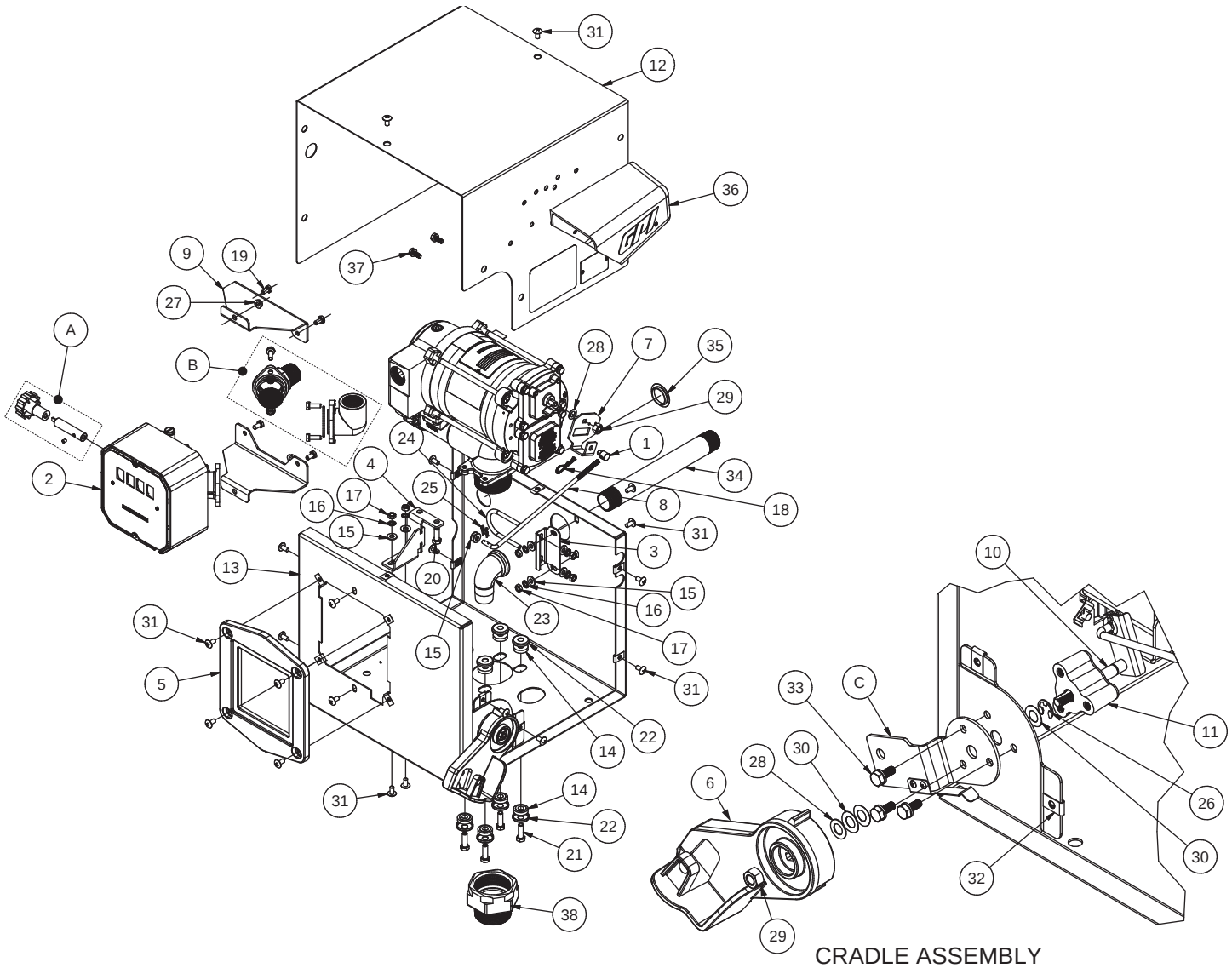


No.	Part No.	No. Description.....Req'd.
1	904006-38	Hex Head Screw, 3/8-16 x 1 in. 2
2	133032-1	Coverplate 1
3	901003-15	O-Ring or (Kit A).....1
4	121010-02	Shaft Key 1
5	133022-1	Rotor 1
6	901002-89	O-Ring or (Kit A).....1
7	133540-01	1/3 HP Motor Assy, 115-volt (CM-3120).....1
	133541-01	1/3 HP Motor Assy, 230-volt (CM-3220/CM-3260).....1
8	143049-01	Base Machined, NPT (CM-3120/CM-3220).....1
	143049-02	Base Machined, BSPT (CM-3260) 1
9	133062-1	Poppet Spring 1
10	901002-50	O-Ring or (Kit A).....1
13	901001-90	O-Ring or (Kit A).....1
14	133033-1	Base End Plate.....1
15	904001-37	Hex Head Screw, 5/16-18 x 3/4 in. 6
16	90400812	Pipe Plug, 1/4 - 18 NPT 1

Kits and Accessories

A	133504-1	Seal Kit (not shown)
B	133501-1	Vane Kit
C	133503-1	Shaft Seal Kit
D	143500-04	Base Assy, NPT with Check Valve (CM-3120/CM-3220)
	143500-05	Base Assy, BSPT with Check Valve (CM-3260)
E	133505-01	Poppet Assembly Kit
F	133505-02	Poppet Plug Assembly Kit
G	121013-503	Check Valve Assembly Kit

CABINET ILLUSTRATED PARTS DRAWING



CRADLE ASSEMBLY

Item	Part No.	Description	No. Req'd.
1	121237-1	Linkage, Switch	1
2	12622025	Assy, MR 5-30 Gal Meter, Left To Right	1
3	13330329	Bracket, Pipe	1
4	133424-01	Bracket, Pump Support, Cab. Mod	1
5	143010-01	Bezel	1
6	143032-01	Cradle, Nozzle	1
7	143050-01	Lever, Switch	1
8	143051-01	Rod, Linkage	1
9	143053-01	Bracket, Meter Mounting	2
10	143057-01	Assembly, Switch Actuator	1
11	143058-01	Housing, Bearing, Machined	1
12	143062-01	Panel, Paint, Top	1
13	143063-01	Panel, Paint, Bottom	1
14	901002-53	Bushing, Step	8
15	904001-21	Washer	8
16	904001-22	Washer, Lock	6
17	904001-25	Nut, 1/4"-20 Hex	6
18	904002-58	Pin, Hitch Clip	1
19	904003-33	Screw, Hex Head, 1/4-20 X 1/2"	4

Item	Part No.	Description	No. Req'd.
20	904004-21	Screw, Cap 5/16-18Unc X 7/8" Hex Head	2
21	904004-37	Screw, 5/16-18 Unc X 1" Hex Head	4
22	904004-38	Washer	8
23	904004-43	Fitting, Elbow, Street 1" Npt	1
24	904004-77	U-Bolt, 1" Pipe, 1/4-20 Thd	1
25	904004-82	Pin, Hitch Clip	2
26	904004-97	Ring, Retainer	1
27	904005-38	Nut, Hex Flange, 1/4"-20 Unc	2
28	904006-16	Washer, Flat	2
29	904006-62	Nut, Lock, .375-16	2
30	904006-63	Washer, Curved Spring	3
31	904006-99	Screw, Truss Hd Machine, 1/4-20 X 1/2	20
32	904007-02	Fastener, U-Type, 1/4-20	14
33	904008-49	Sems, Hex Head, 1/4-20 X 5/8"	3
34	904008-59	Fitting, Nipple, 1" Npt X 10", Galv	1
35	904008-62	Plug, 1-1/4" Hole	1
36	143016-01	Cover, Nozzle (Machined)	1
37	904008-49	Sems, Hex Head, 1/4-20 X 5/8"	2
38	121231-1	Adapter, Tank, 2" X 1" Npt	1

Kits and Accessories

- **A** 133538-02 Knob Kit - Includes Knob, Shaft and Screw.
- **B** 143500-03 Fitting Kit - Includes 1 inch NPT fittings and Hardware.
- **C** 143500-06 Locking Bracket

SPECIFICATIONS

The CM-3120 and CM-3220 Fuel Transfer Systems are designed for all thin viscosity petroleum fuels such as gasoline, gasoline/ethanol blends at levels designated as “gasohol” (E10 maximum), diesel and kerosene.The CM-3260 Fuel Transfer System is designed to safely transfer diesel fuel. All models are designed for permanent mounting on vented storage tanks, either in-ground or above-ground.

Performance

Pump Rate:	CM-3120: Up to 20 GPM (76 LPM) CM-3220: Up to 20 GPM @ 60 Hz, Up to 17 GPM @ 50 Hz CM-3260: Up to 64 LPM @ 50 Hz
Duty Cycle:	30 minutes ON, 30 minutes OFF
Dry Prime:	15 ft. (4.6 m) maximum
Discharge Lift:	10 ft. (3 m) maximum

Operating Temperature
-20° F to +125° F (-29° C to +52° C)

Bypass Pressure
22 PSI

Electrical

Input:	CM-3120: 115-volt AC, 60 Hz CM-3220: 220-240-volt AC, 50-60 Hz CM-3260: 220-240-volt AC, 50-60 Hz
Conduit:	1/2-inch FNPT
Current Draw:	CM-3120: 7.5 amps at full load CM-3220: 4.5 amps at full load CM-3260: 4.5 amps at full load
Motor:	CM-3120: 1/3 HP, 1725 RPM CM-3220: 1/3 HP, 1725 RPM @ 60 Hz, .19 kW, 1425 RPM @ 50 Hz CM-3260: .19 kW, 1425 RPM All are induction type with internal temperature-limiting device.

Mechanical Connections

Bung:	CM-3120: 2-inch MNPT CM-3220: 2-inch MNPT CM-3260: 2-inch MBSPT
Inlet:	CM-3120: 1-inch FNPT CM-3220: 1-inch FNPT CM-3260: 1-inch FBSPP
Outlet:	CM-3120: 1-inch NPT CM-3220: 1-inch NPT CM-3260: 1-inch BSPT
Security	Nozzle can be padlocked
Ship Weight	84 pounds (34.9 kg)
Certifications	CM-3120 and CM-3220: c UL us LISTED CM-3260: CE

SERVICE

In order to preserve the UL Listing for pump safety, return the entire pump to the factory for repair or replacement. For products serviced outside the factory, the UL nameplates must be defaced to indicate that the equipment may no longer meet the requirements for UL Listing. This does not apply to products serviced outside the factory under the UL program for Rebuilt Motors for Use in Hazardous Locations.

For warranty consideration, parts, or other service information, please contact your local distributor. If you need further assistance, contact the GPI Customer Service Department in Wichita, Kansas, during normal business hours. A toll-free number is provided for your convenience.

1-800-835-0113

To obtain prompt, efficient service, always be prepared with the following information:

1. The model number of your Fuel Transfer System.
2. The manufacturing date code of your Fuel Transfer System.

The manufacturing date code is located on the model nameplate riveted to the front of the cabinet.

For warranty work, always be prepared with your original sales slip or other evidence of purchase date.

Please contact GPI before returning any Fuel Transfer System. It may be possible to diagnose the trouble and find a solution with a telephone call. GPI can also inform you of any special requirements you will need to follow for shipping.

⚠ CAUTION

Do not return the pump without authority from the Customer Service Department. Due to strict government regulations, GPI cannot accept pumps unless they have been drained and cleaned.

SAVE THESE INSTRUCTIONS

Limited Warranty Policy

Great Plains Industries, Inc. 5252 E. 36th Street North, Wichita, KS USA 67220-3205, hereby provides a limited warranty against defects in material and workmanship on all products manufactured by Great Plains Industries, Inc. This product includes a 2 year warranty from date of purchase as evidenced by the original sales receipt. A 30 month warranty from product date of manufacture will apply in cases where the original sales receipt is not available. Reference product labeling for the warranty expiration date based on 30 months from date of manufacture. Manufacturer's sole obligation under the foregoing warranties will be limited to either, at Manufacturer's option, replacing or repairing defective Goods (subject to limitations hereinafter provided) or refunding the purchase price for such Goods theretofore paid by the Buyer, and Buyer's exclusive remedy for breach of any such warranties will be enforcement of such obligations of Manufacturer. The warranty shall extend to the purchaser of this product and to any person to whom such product is transferred during the warranty period.

This warranty shall not apply if:

A. the product has been altered or modified outside the warrantor's duly appointed representative;
B. the product has been subjected to neglect, misuse, abuse or damage or has been installed or operated other than in accordance with the manufacturer's operating instructions.

To make a claim against this warranty, contact the GPI Customer Service Department at 316-686-7361 or 800-835-0113. Or by mail at:

Great Plains Industries, Inc.
5252 E. 36th St. North
Wichita, KS, USA 67220-3205

GPI will step you through a product troubleshooting process to determine appropriate corrective actions.

GREAT PLAINS INDUSTRIES, INC., EXCLUDES LIABILITY UNDER THIS WARRANTY FOR DIRECT, INDIRECT, INCIDENTAL AND CONSEQUENTIAL DAMAGES INCURRED IN THE USE OR LOSS OF USE OF THE PRODUCT WARRANTED HEREUNDER.

The company herewith expressly disclaims any warranty of merchantability or fitness for any particular purpose other than for which it was designed.

This warranty gives you specific rights and you may also have other rights which vary from U.S. state to U.S. state.

Note: In compliance with MAGNUSON MOSS CONSUMER WARRANTY ACT – Part 702 (governs the resale availability of the warranty terms).

5252 East 36th Street North
Wichita, KS USA 67220-3205
316-686-7361 | FAX: 316-686-6746
800-835-0113 | **www.GPIpumps.net**

GREAT PLAINS INDUSTRIES, INC.

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Printed in U.S.A. 09/13

Rev. A 922095-01