INSTALLATION and OPERATION MANUAL

Submersible Sump Pump

SERIES:
3U-L-M
3U-L-A
3U-L-D
1/3 HP, 1750 RPM

IMPORTANT: Read all instructions in this manual before operating pump.
As a result of Peerless Pumps constant product improvement program, product changes
may occur. As such Peerless Pumps reserves the right to change product without prior
written notification.

Peerless Pump Company
P.O. Box 7026, Indianapolis, IN 46207-7026 (317) 925-9661

Form No. 094663-B
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SAFETY FIRST!
PLEASE READ THIS BEFORE INSTALLING
OR OPERATING PUMP.

GENERAL

1. Most accidents can be avoided by using COMMON SENSE.
2. Read the operation and maintenance instruction manual supplied with the pump.
3. Do not wear loose clothing that may become entangled in the impeller or other moving parts.
4. Always wear appropriate safety gear, such as safety glasses, when working on the pump or piping.
5. Bronze/brass and bronze/brass fitted pumps may contain lead levels higher than considered safe for potable water systems. Various government agencies have determined that leaded copper alloys should not be used in potable water applications. For non-leaded copper alloy materials of construction, please contact factory.

PUMPS

6. Pumps build up heat and pressure during operation—allow time for pumps to cool before handling or servicing.
7. Only qualified personnel should install, operate and repair pump.
8. Keep clear of suction and discharge openings. DO NOT insert fingers in pump with power connected.
9. Do not pump hazardous materials (flammable, caustic, etc.) unless the pump is specifically designed and designated to handle them.
10. Do not block or restrict discharge hose, as discharge hose may whip under pressure.
11. Make sure lifting handles are securely fastened each time before lifting.
12. Do not lift pump by the power cord.
13. Do not exceed manufacturer’s recommendation for maximum performance, as this could cause the motor to overheat.
14. Secure the pump in its operating position so it can not tip over, fall or slide.
15. Keep hands and feet away from impeller when power is connected.
16. Submersible Pumps are not approved for use in swimming pools, recreational water installations, decorative fountains or any installation where human contact with the pumped fluid is common.
17. Do not operate pump without guards and safety devices in place.
18. When towing pump behind a vehicle, make sure hitch is properly attached; always attach safety chains.
19. Always replace safety devices that have been removed during service or repair.
20. Operation against a closed discharge valve will cause premature bearing and seal failure on any pump, and on end suction and self priming pump the heat build may cause the generation of steam with resulting dangerous pressures. It is recommended that a high case temperature switch or pressure relief valve be installed on the pump body.

ELECTRICAL

20. To reduce risk of electrical shock, pump must be properly grounded in accordance with the National Electric Code and all applicable state and local codes and ordinances.
21. To reduce risk of electrical shock, always disconnect the pump from the power source before handling or servicing.
22. Any wiring of pumps should be performed by a qualified electrician.
23. Never operate a pump with a power cord that has frayed or brittle insulation.
24. Cable should be protected at all times to avoid punctures, cut, bruises and abrasions - inspect frequently.
25. Never handle connected power cords with wet hands.
26. Never operate a pump with a plug-in type power cord without a ground fault circuit interrupter.
27. Do not remove cord and strain relief. Do not connect conduit to pump.
28. To reduce risk of electrical shock, all wiring and junction connections should be made per the NEC and applicable state and local codes. Requirements may vary depending on usage and location. See wiring diagrams in manual.

GAS/DIESEL ENGINE POWER PUMPS ONLY

29. Never operate in an enclosed building or area where exhaust gases can accumulate.
30. Do not breath exhaust fumes when working in the area of the engine. (Exhaust gases are odorless and deadly poison.)
31. Never operate near a building where exhaust gases can seep inside.
32. Never operate in a pit or sump without making provisions for adequate ventilation.
33. Allow exhaust system to cool before touching.
34. Never add fuel to the tank while the engine is running. Stop engine and allow to cool.
35. Do not smoke while refueling the engine.
36. Do not refuel near open flame.
37. Carefully read instruction manuals supplied by engine manufacturer before attempting to assemble, operate or service the engine or any part. The “WARNING” statements indicate potentially hazardous conditions for operator or equipment.

IMPORTANT! Peerless Pump Company is not responsible for losses, injury, or death resulting from a failure to observe these safety precautions, misuse or abuse of pumps or equipment.
### SECTION: A - PUMP SPECIFICATIONS

| DISCHARGE: | 1-1/2" (38) NPT Female, Vertical. |
| LITHIUM TEMPERATURE: | 104°F (40°C) Continuous. |
| MOTOR HOUSING: | Cast Iron ASTM A-48, Class 20 Min. |
| PUMP BODY: | Polypropylene. |
| STRAINER: | Polypropylene. |
| IMPELLER: | 5 Vane, Open. |
| SHAFT: | Steel |
| SQUARE RINGS: | Buna-N |
| HARDWARE: | 300 Series Stainless Steel |
| SEAL: | Design: Rotating Faces - Ceramic |
| Material: | Stationary Faces - Carbon |
| | Elastomer - Buna-N |
| | Hardware - 300 Series Stainless |

| CABLE ENTRY: | 10ft. (254) Cord with Plug and Pressure Grommet for Sealing and Strain Relief. 1550 RPM |
| SPEED: | Sleeve |
| LOWER BEARING: | Design: Oil-Filled. |
| MOTOR: | Insulation: Class A. |
| SINGLE PHASE: | Shaded Pole. Includes Overload Protection in Motor. |
| FLOW: | Wide Angle, Polypropylene, 10ft Cable, With Figgy-Back Plug. Attached To pump or can be attached to piping. On and Off Points are Adjustable. |

**MINIMUM SUMP DIA:** 18" (457mm)

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### 3U-L-A

**3U-L-M (Less Float)**

* Factory Set, Adjustable.

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### 3U-L-D

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* Factory Set, Adjustable.
SECTION B: GENERAL INFORMATION

B-1) To the Purchaser:
Peerless pumps are products engineered and manufactured of high quality components. With years of pump building experience along with a continuing quality assurance program combine to produce a pump which will stand up to the toughest applications.

This manual will provide helpful information concerning installation, maintenance, and proper service guidelines. Check local codes and requirements before installation. Servicing should be performed by knowledgeable pump service contractors or authorized service stations.

The pump is packaged ready for installation and no connections or adjustments are necessary except for attaching discharge piping and plugging in service cord.

B-2) Receiving
Upon receiving the pump, it should be inspected for damage or shortages. If damage has occurred, file a claim immediately with the company that delivered the pump. If the manual is removed from the crating, do not lose or misplace.

B-3) Storage:

Short Term - Peerless pumps are manufactured for efficient performance following long inoperative periods in storage. For best results, pumps can be retained in storage, as factory assembled, in a dry atmosphere with constant temperatures for up to six (6) months.

Long Term - Any length of time exceeding six (6) months, but not more than twenty four (24) months. The units should be stored in a temperature controlled area, a roofed over walled enclosure that provides protection from the elements (rain, snow, wind blown dust, etc.), and whose temperature can be maintained between +40 deg. F and +120 deg. F.

Pump should be stored in its original shipping container and on initial start up, rotate impeller by hand to assure seal and impeller rotate freely.

B-4) SERVICE CENTERS:
For the location of the nearest Peerless Pumps Service Center, check your catalog, your Peerless Pumps, Inc. representative or Peerless Pumps Company Service Department in Indianapolis, Indiana, Telephone (317) 825-9661

SECTION C: INSTALLATION

C-1) Location:
These pumping units are self-contained and are recommended for use in a sump or basin. This pump is designed to pump effluent or wastewater, nonexplosive and noncorrosive liquids and shall NOT be installed in locations classified as hazardous in accordance with the National Electrical Code (NEC), ANSI/NFPA 70. The sump or basin shall be vented in accordance with local plumbing codes. Provide proper sump diameter of approx. 12” (305mm) minimum and depth of approx. 20” (508mm) minimum to allow the pump and switch to operate without restriction. The float switch should not come in contact with side or bottom of sump. Make sure sump is free of string, cloth, nails, gravel, etc. before installing pump. Never install the pump in a trench, ditch, or hole with a dirt bottom where the suction will become plugged.

C-1.1) Submergence:
The minimum sump liquid level should never be less than 2.5 inches (64mm) above the pump bottom.

C-2) Discharge:
Discharge piping should be as short as possible. The installation of a check valve in the discharge piping is recommended for each pump being used. The check valve is used to prevent backflow into the sump. Excessive backflow can cause flooding and/or damage to the pump.

C-3) Liquid Level Controls
Figure 2 shows a typical installation for any submersible pump using a level control mounted to the discharge piping with a piggy-back plug.

General Comments:
1) Never work in the sump with the power on.

2) Level controls are factory set for a pumping differential of 9 inches. If that is the cycle desired, simply circle the discharge pipe with the pipe mounting strap, feed the end through the worm drive, and tighten with a screwdriver. Be certain that the level control cannot hang up or foul in it’s swing. Also, make certain the pump impeller is still submerged when the level control is in the ‘off’ mode.

3) If a higher pump differential is needed, grip the cord near the neck of the float, then using the other hand, exert a steady force on the lower edge of the cable clamp. The cable clamp should slide up to the new pivot point. Attach the level control to the discharge hose in the manner described above.

4) Plug the level control plug into a GFI receptacle, then plug the pump into the piggyback plug. One cycle of operation should be observed, so that any potential problems can be corrected.
5) It is recommended that the float should be set to insure that the sump well liquid level never drops below the top of the motor housing or a minimum level of 2.5" above the pump bottom.

6) Figure 3 shows a typical connection for pumps with the wide angle float and piggy-back plug, for manual and automatic operations.

Automatic-
Plug float cord into GFI outlet, then plug pump cord into float cord.

Manual-
Plug pump cord directly into GFI outlet.

C-4) Electrical Connections:

![Warning]

**WARNING!**

PUMPS MUST BE PROPERLY GROUNDED PER THE NATIONAL ELECTRIC CODE AND YOUR LOCAL ELECTRIC CODE. IMPROPER GROUNDING VOIDS WARRANTY.

C-4.1) Power Cable:
The cord assembly mounted to the pump must not be modified in any way. This pump comes complete with a 3 wire cord and 3 prong grounded plug that must be connected into a 3 wire grounded Ground Fault receptacle. **DO NOT** remove ground pin from electrical plug. It is **NOT** recommended to use an extension cord with these pumps. Do not use the power cable to lift pump.

C-4.2) Overload Protection:
Automatic thermal overload protects the sealed-in-oil motor, running dry may overheat the motor and trip the overload. The type of in-winding overload protector used is referred to as an inherent overheating protector and operates on the combined effect of temperature and current. This means that the overload protector will trip out and shut the pump off if the windings become too hot, or the load current passing through them becomes too high. It will then automatically reset and start the pump up after the motor cools to a safe temperature. In the event of an overload, the source of this condition should be determined and rectified immediately. Using an ohmmeter, check the resistance of the motor windings by connecting one lead clip to each electric "flat" prong on the power cord plug. The ohmmeter should be on R x 1 setting. Normal reading is 1.7/1.9. To check for ground, place the ohmmeter on R x 100k, connect one lead clip to the "round" ground prong on the power cord and touch the other lead clip to each "flat" prong individually. If the reading is other than infinity, a leakage through stator insulation or moisture in the windings is occurring and the stator must be removed, dried out and rechecked. A reading at zero indicates a dead short and the stator will have to be replaced. **DO NOT LET THE PUMP CYCLE OR RUN IF AN OVERLOAD CONDITION OCCURS**!

<table>
<thead>
<tr>
<th>MODEL NO.</th>
<th>HP</th>
<th>VOLT</th>
<th>PH</th>
<th>RPM</th>
<th>NEMA START CODE</th>
<th>FULL LOAD AMPS</th>
<th>LOCKED ROTOR AMPS</th>
<th>CORD SIZE</th>
<th>CORD TYPE</th>
<th>CORD OD</th>
<th>WINDING RESISTANCE OHMS</th>
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</thead>
<tbody>
<tr>
<td>3U-L-M</td>
<td>1/3</td>
<td>115</td>
<td>1</td>
<td>1550</td>
<td>E</td>
<td>9.9</td>
<td>15.5</td>
<td>16/3</td>
<td>SJTW-A</td>
<td>0.360</td>
<td>2.00/2.35</td>
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<tr>
<td>3U-L-A</td>
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<td>1</td>
<td>1550</td>
<td>E</td>
<td>9.9</td>
<td>15.5</td>
<td>16/3</td>
<td>SJTW-A</td>
<td>0.360</td>
<td>2.00/2.35</td>
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<td>1</td>
<td>1550</td>
<td>E</td>
<td>9.9</td>
<td>15.5</td>
<td>16/3</td>
<td>SJTW-A</td>
<td>0.360</td>
<td>2.00/2.35</td>
</tr>
</tbody>
</table>

Winding Resistance ± 5%
Pump rated for operation at ± 10% voltage at motor.
Mercury Switch on 3U-L-A, Cable 16/2, SJOW-A, 0.320 O.D., Piggy-Back Plug.
Diaphragm Switch (3U-L-D), Cable 18/3, SJT, 0.360 O.D.
D-1) Lubrication:
Anytime the pump is removed from operation, the cooling oil in the motor housing (5) must be checked visually for oil level and contamination.

D-1.1) Checking Oil:
To check oil, set unit upright. Remove gland nut on cable (10). With a flashlight, visually inspect the oil in the motor housing (5) to make sure it is clean, clear and that the oil level is above all internal components. If oil appears satisfactory, replace gland nut. If oil is low or appears contaminated, test oil as per section D-1.2.

D-1.2) Testing Oil:
1. Place pump on its side, remove gland nut on cable (10) and drain oil into a clean, dry container.
2. Check oil for contamination using an oil tester with a range to 30 kilovolts breakdown.
3. If oil is found to be clean and uncontaminated (measures above 15 KV. breakdown), refill the motor housing as per section D-1.3.
4. If oil is found to be dirty or contaminated (or measures below 15KV, breakdown), then the pump must be carefully inspected for leaks at the shaft seal (19), cord inlet (10), and lower end bell (15) before refilling with oil.

D-1.3) Replacing Oil in Motor Housing:
Drain all oil from motor housing and dispose of properly. Refill with new cooling oil as per table 1. An air space must remain in the top of the motor housing to compensate for air expansion. Set unit upright and fill only until the capacitor, as viewed through the control cable hole, is covered.

D-2) Bottom Plate:
Remove screws (24), and remove bottom plate (23) from body (17). Clean and examine impeller (19). If impeller vanes are clogged, or it is excessively worn or broken, the impeller should be replaced. Follow procedures in Paragraph D-3 for replacing impeller.

D-3) Impeller:
After removing the bottom plate (23), as outlined in Paragraph D-2, the impeller (19), may be removed by removing set screw (21), and lockwasher (20), and turning impeller counterclockwise to remove from shaft. When reassembling the impeller (19), turn the impeller clockwise until it touches built-in wear plate, then back it off 3/4 of a turn for proper clearance. Hold impeller firmly and replace lockwasher (20), and set screw (21). Replace bottom plate (23) and screws (24).

Pump impeller clearance can be adjusted by loosening set screw (21) and turning impeller clockwise for less clearance or counterclockwise for more clearance. Re-tighten set screw (21) and turn the impeller by hand to check for free rotation. It is important that impeller clearance be as close to top plate as possible without interference for best performance.

D-4) Motor and Bearing Service:
If stator (8) needs replaced, first drain oil per Paragraphs D-1.1 thru D-1.3, then remove slotted head cap screws (5) from the upper motor cap (4) and lift the motor cap (4) off carefully as grounding wire (25) is attached to the inside of the motor cap. Remove the ground screw (6) and set motor cap (4) to one side.

Remove bottom plate per Paragraph D-2 and impeller (19) per Paragraph D-3. Remove snap ring (12) and shim (28) from shaft. Press or tap the rotor and shaft assembly (8) out with a plastic or rawhide hammer. Note that the lower bushing will not come out with the shaft and rotor assembly. Now remove the seal (15) by inserting a screwdriver into lower motor housing (14) and tapping lightly with a hammer.
Push the new rotor and shaft assembly (8) into the housing. Coat seal bellows (15) only with a thin oil coating and use a plastic pusher to install the seal (15) into housing (14). DO NOT use any sharp instruments that may damage the seal. DO NOT chip, scratch or mar the carbon face. Press the ceramic seal in place with the rubber ring facing the impeller. Install the stator and fasten ground wire inside the motor cap (4) and tuck wires up into housing to prevent rubbing on the rotor. Insert square ring (13) into lower motor housing (14) and replace motor cap (4) making sure not to damage square ring. Insert screws (5) and tighten. Re-fill motor housing per Paragraph D-1.3.

SECTION: E REPLACEMENT PARTS

E-1 ORDERING REPLACEMENT PARTS:
When ordering replacement parts, ALWAYS furnish the following information:

1. Pump PART number and MFG code.
2. Pump model number.
3. Part description.
4. Item part number.
5. Quantity required.
# TROUBLESHOOTING

**CAUTION!** Always disconnect the pump from the electrical power source before handling. If the system fails to operate properly, carefully read instructions and perform maintenance recommendations. If operating problems persist, the following chart may be of assistance in identifying and correcting them: **MATCH “CAUSE” NUMBER WITH CORRELATING “CORRECTION” NUMBER.**

**NOTE:** Not all problems and corrections will apply to each pump model.

<table>
<thead>
<tr>
<th>PROBLEM</th>
<th>CAUSE</th>
<th>CORRECTION</th>
</tr>
</thead>
</table>
| Pump will not run. | 1. Poor electrical connection, blown fuse, tripped breaker or other interruption of power; improper power supply.  
2. Motor or switch inoperative (to isolate cause, go to manual operation of pump).  
2a. Float movement restricted.  
2b. Switch will not activate pump or is defective.  
2c. Defective motor.  
3. Insufficient liquid level. | 1. Check all electrical connections for security. Have electrician measure current in motor leads; if current is within ±20% of locked rotor Amps, impeller is probably locked. If current is 0, overload may be tripped. Remove power, allow pump to cool, then recheck current.  
2a. Reposition pump or clean basin as required to provide adequate clearance for float.  
2b. Disconnect level control. Set ohmmeter for a low range, such as 100 ohms full scale and connect to level control leads. Actuate level control manually and check to see that ohmmeter shows zero ohms for closed switch and full scale for open switch. (Float Switch).  
2c. Check winding insulation (Megger Test) and winding resistance. If check is out of range, dry and recheck. If still defective, replace per service instructions.  
3. Make sure liquid level is at least equal to suggested turn-on point.  
4. Recheck all sizing calculations to determine proper pump size.  
5. Check discharge line for restrictions, including ice if line passes through or into cold areas.  
6. Remove and examine check valve for proper installation and freedom of operation.  
7. Open valve.  
9. Loosen union slightly to allow trapped air to escape. Verify that turn-off level of switch is set so that impeller cavity is always flooded. Clean vent hole.  
10. Check rotation. If power supply is three phase, reverse any two of three power supply leads to ensure proper impeller rotation.  
11. Repair fixtures as required to eliminate leakage.  
12. Check pump temperature limits & fluid temperature.  
13. Replace portion of discharge pipe with flexible connector.  
14. Turn to automatic position.  
15. Check for leaks around basin inlet and outlets. |
| Pump will not turn off. | 2a. Float movement restricted.  
2b. Switch will not activate pump or is defective.  
4. Excessive inflow or pump not properly sized for application.  
9. Pump may be airlocked.  
14. Switch is in “HAND” position. |  |
| Pump hums but doesn’t run. | 1. Incorrect voltage.  
8. Impeller jammed or loose on shaft, worn or damaged, impeller cavity or inlet plugged. |  |
| Pump delivers insufficient capacity. | 1. Incorrect voltage.  
4. Excessive inflow or pump not properly sized for application.  
5. Discharge restricted.  
6. Check valve stuck closed or installed backwards.  
7. Shut-off valve closed.  
8. Impeller jammed or loose on shaft, worn or damaged, impeller cavity or inlet plugged.  
9. Pump may be airlocked.  
| Pump cycles too frequently or runs periodically when fixtures are not in use. | 6. Check valve stuck closed or installed backwards.  
11. Fixtures are leaking.  
15. Ground water entering basin. |  |
| Pump shuts off and turns on independently of switch. (trips thermal overload protector). CAUTION! Pump may start unexpectedly. Disconnect power supply. | 1. Incorrect voltage.  
4. Excessive inflow or pump not properly sized for application.  
8. Impeller jammed, loose on shaft, worn or damaged, impeller cavity or inlet plugged.  
12. Excessive water temperature (internal protection only). |  |
| NOTE: Some pumps DO NOT have thermal overload protection on the motor. Check pump specifications to determine. | 2c. Worn bearings, motor shaft bent.  
8. Debris in impeller cavity or broken impeller.  
13. Piping attachments to building structure too rigid or too loose. |  |
<table>
<thead>
<tr>
<th>ITEM</th>
<th>QTY.</th>
<th>PART NO.</th>
<th>DESCRIPTION</th>
<th>ITEM</th>
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</tbody>
</table>

**Fig. 4**
IMPORTANT!
WARRANTY REGISTRATION

Your pump is covered by the enclosed Warranty. This warranty is ONLY effective provided the warranty registration is completed and returned to the Peerless Pump Company service department.

IMPORTANT! If you have a claim under the provision of the warranty, contact your local Peerless Pump Company Distributor.

⚠️ WARNING!
Products Returned Must Be Cleaned, Sanitized, Or Decontaminated As Necessary Prior To Shipment, To Insure That Employees Will Not Be Exposed To Health Hazards In Handling Said Material. All Applicable Laws And Regulations Shall Apply.

RETURRNED GOODS POLICY

RETURN OF MERCHANDISE REQUIRES A "RETURNED GOODS AUTHORIZATION". CALL THE FACTORY SERVICE MANAGER, (317) 925-9661 FOR RGA NUMBER.

RETURN OF EQUIPMENT: No equipment shall be returned to us without first obtaining a written Returned Goods Authorization and shipping instructions from us. The returner must prepay the charges in full for transportation to our factory. Credit allowed for new, undamaged equipment of current standard design will be 80% of the invoiced price or current billing price, whichever is less. Equipment which has been used, however slight, will not be accepted.

Authorization will not be given for return of equipment,
(1) which would, in our opinion, result in an excess in the amount of stock we normally carry,
(2) not invoiced within the last 12 months, or
(3) which is non-standard and manufactured specifically to a buyer's specifications. For non-standard equipment not of our manufacture, the only credit allowed will be such credit as may be allowed by the manufacturer of such equipment.

Equipment must be returned within 30 days of the issuance of the Returned Goods Authorization. No item with a net value of less than $35.00 will be authorized for return. Unauthorized returns may be refused and/or returned freight collect.
Limited Warranty

We warrant to our immediate customer and to the ultimate consumer that products of our manufacture will be free of defects in material and workmanship under normal use and service for the following time periods, when installed and maintained in accordance with our instructions.

Pump Products: One (1) year from date of installation or (24) twenty-four months from date of shipment, whichever occurs first. Cleaning Products: Twelve (12) months from date of installation or eighteen (18) months from date of shipment, whichever occurs first. As used herein, "the ultimate consumer" is defined as the purchaser who first uses the product after its initial installation or, in the case of product designed for non permanent installation, the first owner who used the product. It is the purchaser's or any sub-vendee's obligation to make known to the ultimate consumer the terms and conditions of this warranty. This warranty gives you specific legal rights, and there may also be other rights which vary from state to state.

In the event the product is covered by the Federal Consumer Product Warranties Law (1) the duration of any implied warranties associated with the product by virtue of said law is limited to the same duration as stated herein, (2) this warranty is a LIMITED WARRANTY, and (3) no claims of any nature whatsoever shall be made against us, until the ultimate consumer, his successor, or assigns, notifies us in writing of the defect, and delivers the product and/or defective part(s) freight prepaid to our factory or nearest authorized service station. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply. THE SOLE AND EXCLUSIVE REMEDY FOR BREACH OF ANY AND ALL WARRANTIES WITH RESPECT TO ANY PRODUCT SHALL BE TO REPLACE OR REPAIR AT OUR ELECTION, F.O.B. POINT OF MANUFACTURE OR AUTHORIZED REPAIR STATION, SUCH PRODUCTS AND/OR PARTS AS PROVEN DEFECTIVE. THERE SHALL BE NO FURTHER LIABILITY, WHETHER BASED ON WARRANTY, NEGLIGENCE OR OTHERWISE. Unless expressly stated otherwise, guarantees in the nature of performance specifications furnished in addition to the foregoing material and workmanship warranties on a product manufactured by us, if any, are subject to laboratory tests corrected for field performance. Any additional guarantees, in the nature of performance specifications must be in writing and such writing must be signed by our authorized representative. Due to inaccuracies in field testing if a conflict arises between the results of field testing conducted by or for user, and laboratory tests corrected for field performance, the latter shall control. Components or accessories supplied by us but manufactured by others are warranted only to the extent of and by the terms and conditions of the original manufacturer's warranty. RECOMMENDATIONS FOR SPECIAL APPLICATIONS OR THOSE RESULTING FROM SYSTEMS ANALYSES AND EVALUATIONS WE CONDUCT WILL BE BASED ON OUR BEST AVAILABLE EXPERIENCE AND PUBLISHED INDUSTRY INFORMATION. SUCH RECOMMENDATIONS DO NOT CONSTITUTE A WARRANTY OF SATISFACTORY PERFORMANCE AND NO SUCH WARRANTY IS GIVEN.

This warranty shall not apply when damage is caused by (a) improper installation, (b) improper voltage (c) lightning (d) sand or other abrasive material (e) scale or corrosion build-up due to excessive chemical content. Any modification of the original equipment will also void the warranty. We will not be responsible for loss, damage or labor cost due to interruption of service caused by defective parts. Neither will we accept charges incurred by others without our prior written approval. This warranty is void if our inspection reveals the product was used in a manner inconsistent with normal industry practice and/or our specific recommendations. The purchaser is responsible for communication of all necessary information regarding the application and use of the product. UNDER NO CIRCUMSTANCES WILL WE BE RESPONSIBLE FOR ANY OTHER DIRECT OR CONSEQUENTIAL DAMAGES, INCLUDING BUT NOT LIMITED TO LOST PROFITS, LOST INCOME, LABOR CHARGES, DELAYS IN PRODUCTION, IDLE PRODUCTION, WHICH DAMAGES ARE CAUSED BY ANY DEFECTS IN MATERIAL AND/OR WORKMANSHIP AND/OR DAMAGE OR DELAYS IN SHIPMENT. THIS WARRANTY IS EXPRESSLY IN LIEU OF ANY OTHER EXPRESS OR IMPLIED WARRANTY, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

No rights extended under this warranty shall be assigned to any other person, whether by operation of law or otherwise, without our prior written approval.

Peerless Pump Company
P.O. Box 7026, Indianapolis, IN 46207-7026 (317) 925-9661
IMPORTANT!
WARRANTY REGISTRATION

Your pump is covered by the enclosed Warranty. This warranty is ONLY effective provided the warranty registration is completed and returned to the Peerless Pump Company service department. Review the form below and fill in all information.

IMPORTANT! If you have a claim under the provision of the warranty, contact your local Peerless Pump Company Distributor.

FOLD HERE

** IMPORTANT ! **
THIS FORM MUST BE RETURNED TO VALIDATE THE WARRANTY

WARRANTY REGISTRATION

CUSTOMER’S NAME ___________________________ DATE INSTALLED ____________

ADDRESS ________________________________________________________________

CITY ___________________ STATE ____________ ZIP ____________

PHONE # ___________________ FAX # ___________________

DEALER’S NAME __________________________________________________________

CITY ___________________ STATE ____________ ZIP ____________

MODEL NO. ___________________ SERIAL NO. ___________________

PART NO. ___________________