

WARRANTY

Danner pumps are warranted against failure due to defects in materials and/or workmanship for 1 year from date of purchase. This warranty covers defects occurring under normal use. The warranty and remedies set forth herein are conditional upon proper installation, use, maintenance, storage, and conformance with the applicable use. It will be based upon Danner Mfg. discretion as to whether the defects are of manufacturing origin. For warranty repair, return only the part that is defective to our factory. Please include a dated proof of purchase and \$5.00 for postage and handling. Any damages due to improper installation are not covered by this warranty. This warranty does not apply to appearance or accessory items. This warranty does not include damage due to handling, transportation, unpacking, setup, installation, repair or replacement of parts supplied by any other than Danner Mfg.; improper maintenance, modification or repairs by the purchaser; abuse, misuse, neglect, accident, fire, flood, or other acts of God. Any oral statements about this product made by the seller, the manufacturer, their representatives or any other parties do not constitute warranties and shall not be relied upon by the user and are not part of this contract. Neither the seller nor the manufacturer shall be liable for any injury, loss or damages, direct, incidental, or consequential, including but not limited to incidental or consequential damage for lost profits, lost sales, injury, and inability to use the product and the user agrees that no other remedy is available. Before using, the user shall determine the suitability of the product for their intended use and the user shall assume all risk liability whatsoever in connection therewith. To validate this warranty, keep your proof of purchase (copy of sales receipt). Warranty covers the repair or prorated replacement of the Danner Mfg. products. Danner Mfg. denies all liability for any other loss including but not limited to loss of equipment, income, livestock, vegetation or personal injury.

THE FOLLOWING VOIDS WARRANTY: LINE CORD OR PLUG IS ALTERED OR CUT, PRODUCT LABELS ARE DEFACED OR REMOVED. PRODUCT IS IMPROPERLY INSTALLED OR MAINTAINED BY USER OR THEIR AGENT. PRODUCT IS ABUSED, MISUSED, OR DAMAGED BY USER OR THEIR AGENT. PRODUCT IS NOT REMOVED FROM SERVICE AND DRIED DURING FREEZING CONDITIONS.

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Danner Submersible Pump

SAVE THESE
INSTRUCTIONS

CARE AND OPERATING INSTRUCTIONS

Model
SP-155



INTRODUCTION

Thank you for purchasing this Danner water pump. This submersible pump provides a continuous stream of water for submersible applications. Danner pumps are carefully inspected and tested to insure both safety and operating performance. However, failure to follow the instructions and warnings in this manual may result in pump damage and/or serious injury. Be sure to read and save this manual for future reference.

WARNING

- Ensure that the electrical cord is looped below the electrical outlet to form a "Drip Loop". This will prevent water from running down the cord into the electrical outlet.
- Risk of electric shock- This pump is supplied with grounding conductor and grounding-type attachment plug. To reduce the risk of electric shock, be certain that it is connected only to properly grounded grounding-type receptacle.
- Do not remove the grounding pin from the plug.
- Do not connect to any voltage other than that shown on the pump.
- Do not pump flammable liquids.
- The National Electric Code requires that a Ground Fault Circuit interrupter (GFCI) be used in the branch circuit supplying fountain pumps and other pond equipment. See your electrical supplies dealer for this device.
- To reduce the risk of electrical shock, use only on portable self-contained fountains no larger than 5 feet in any dimension.
- Do not use with water above 95°F (35°C)
- The pump is to be supplied through a Residual Current Device (RCD) with a rated residual operating current not exceeding 30mA.

CAUTION - This pump has been evaluated for use with water only.

CAUTION

- Always disconnect from electrical outlet before handling the pump.
- Don't operate without water.
- Do not lift the pump by the power cord.
- Operate in clean water only.
- Operate pump completely submerged for optimum cooling.
- Not for use in swimming pools or swimming ponds.

This pump is only to be used in an outlet with a ground fault circuit interrupter (GFCI) or residual current device (RCD) with a rated residual operating current not exceeding 30 mA.

NOTE: Ensure that the electrical cord loops below the electrical outlet to form a "Drip Loop" This will prevent water from running down the cord into the electrical outlet.

PERFORMANCE

A clogged or dirty intake screen will greatly reduce performance. If the pump is used where debris has settled, raise it slightly to reduce the amount of debris obstructing the intake. Do not run the pump out of the water. Doing so may damage the pump. Always submerge the pump in the water before plugging in the electrical outlet. It is common for air to be in the pump and tube when first plugged in. Continue to unplug the electrical cord and then plug it back in until water begins to flow.

IF THE PUMP OUTPUT IS REDUCED, OR FAILS TO OPERATE CHECK THE FOLLOWING:

- Confirm that the circuit breaker is on and try another outlet to ensure the pump is getting electrical power.
- Check the pump discharge and tubing for kinks and obstructions.
- Ensure the front cover is not clogged with debris.
- Foam block may be clogged. Disconnect pump from power source before removing front cover. If clogged, rinse in clean water and replace. Do not operate pump without foam block in place.
- Impeller may be covered with debris. Disconnect pump from power source. Remove the pump front cover and impeller cover to access the impeller area. Turn the rotor to ensure it is not broken or jammed. Clean or replace.

Remember: Monthly maintenance will add to your pump's life.

CARE AND MAINTENANCE

NOTE: Always disconnect from electrical outlet before handling the pump.

Periodically remove the foam block and rinse in clean water while squeezing until clean. If foam block appears to be too worn, it can be replaced. Do not operate pump without foam block.

To clean the pump, remove the front cover, Impeller Cover and the Impeller.

Use a soft brush, soft cloth or stream of water to remove any debris. If scale has built up on Impeller or in the impeller chamber, soak in a solution of 1 part white vinegar to 9 parts water for a few hours to soften scale, then use soft brush.

For easier reassembly, moisten O-Ring on Impeller Cover with water before reattaching Impeller Cover to Motor Housing.

