

Model T03209

UTILITY PUMP *Professional Series*

2 YEAR WARRANTY



1/12HP

350 GPH

Head of 40' (12m)

Suction and discharge:

Garden hose

Electric cables:

9' with switch

- Can also be used to boost pressure
- Pressure switch at discharge for automatic operation

12V DC/115V AC 60Hz

US GPH

LPH

| | | |
|-----|-----|------|
| 5' | 350 | 1325 |
| 20' | 320 | 1210 |
| 40' | 250 | 950 |

Friction loss not included

REPAIR PARTS

| REF. | PART | DESCRIPTION |
|------|--------|---------------------|
| 1 | 310977 | Pump body |
| 2 | 310978 | Pump body bolts (4) |
| 3 | 310979 | Motor |
| 4 | 310982 | Adaptors (2) |
| 5 | 310980 | Transformer |
| 6 | 310984 | Power cable clamp |



TO THE PROFESSIONAL OR INSTALLER:
Instructions must remain with installation.

INSTALLATION

Please read these instructions carefully. Note before you proceed with the installation of this product that the manufacturer's guideline has to be respected. Failure to comply to instructions and designed operation of this product, may void the warranty. Your product has been carefully packaged at the factory to prevent damage during shipping. However, occasional damage may occur due to rough handling. Carefully inspect your product for damages that could cause failures. Report any damage to your carrier or your point of purchase.

SAFETY INTRUCTIONS:

Before installation and operation, follow these procedures:

- 1-** Check with your local electrical and plumbing codes to ensure you comply with the regulations. These codes have been designed with your safety in mind. Be sure you comply with them.
- 2-** Do not submerge motor or allow maotor to be exposed to water. Personal injury and/or death could result.
- 3-** This pump model becomes very hot during operation.
- 4-** Do not pump gasoline or other explosive liquids. Do not operate pump where flammable or explosive fumes or gases are present as a fire or explosion could result.

PRIOR TO ANY USE CHECK-UP:

- A-** Inspect the pump for any obvious condition that necessitates cleaning, correction, adjustment or repair.
- B-** Clear the water source and the surroundings of any paper, leaves or other debris that might clog the input openings. Remove anything that might float into the suction area.
- C-** Assure that the pump is secure for proper operation.
- D-** Assure that there is adequate clearance from any combustible materials or structure. Stored materials must be kept away from the pump. Shelves or cabinet structures must

not be in close proximity over the pump.

- E-** Observe that the plumbing can distribute the pumped water safely to the discharge point.

IMPORTANT INFORMATIONS:

- 1-** The automatic thermal overload protection shuts the motor off when it overheats. Normally, motor cools and restarts automatically.
- 2-** If this pump is used for pumping abrasive liquids such as lake water, keep inlet above mud and sand. Any abrasive liquids will damage the pump and void warranty.
- 3-** This pump will handle most common water-based liquids at temperatures of 35°F to 100°F (1°C to 38°C). Thick liquids, fuels (gasoline, etc) or any other liquids including petroleum products, or other flammable liquids, solvents, thinners and strong acids are totally prohibited and will void warranty.
- 4-** This unit have been designed to pump water only. This unit is not designed for applications involving salt water, brine. Use with salt, brine will void warranty.
- 5-** Use 1/2" (13mm) minimum pipe. Note that best performance occurs when the suction line is as short as possible and close to the water source. For any lines of 40' or longer, install a 3/4" discharge (19mm) pipe size.
- 6-** The motor is drip-proof but not waterproof.
- 7-** Never add oil to motor.

INSTALLATION STEPS:

STEP 1

Fill the inlet pipe with liquid after installing the foot valve.

STEP 2

Install the suctionline, then connect the discharge line.

STEP 3

Install on a 12 volt battery, or another acceptable power source.

STEP 4

Unplug pump whenn liquid supply is exhausted. Running the pump dry will damage the pump body.

NOTICE:

Never run this pump dry.

PRIMING:

This unit will prime to 10 feet if you follow these instructions. Add water to suction pipe and install a foot valve for easier priming. For a suction from 10' to 20' depth, a foot valve is mandatory and the suction line must be filled before pump start. If the pump does not prime within one (1) minute, unplug from receptacle and perform next steps:

- 1-** Air leaks in suction pipe. For a garden hose, be sure the fittings are tight and rubber washers are in good condition. For other pipe types, use teflon tape on all threads.
- 2-** Verify foot valve action.
- 3-** Verify for collapsed suction hose or plugged suction line.
- 4-** Verify for liquid supply too far away or too far below pump (more than 20 feet).
- 5-** Worn out pump body. Order a new pump body.

WARRANTY LIMITATION:

The following situations void the warranty:

- A-** Running pump dry.
- B-** Handling severe abrasive solution, fuels (gas, etc.) or other flammable liquids, thinner, acid or other strong chemical solutions.
- C-** Handling liquids hotter than 100°F (38°C).
- D-** Normal wear.
- E-** User abuse, including immersing pump.
- F-** Commercial or industrial use.
- G-** Alterations to electric cord or plug.
- H-** Wholly or partly disassembled motor.

TROUBLE SHOOTING GUIDE CHECK LIST

| | PROBABLE CAUSE | ACTION |
|--|--|--|
| Motor does not run | Thermal overcharge Defective motor | Cool the motor Repair/replace |
| Pump does not deliver to full capacity | Low water level Jammed pump body Plugged foot valve Blocked suction/inlet Blocked line/pipe Worn pump body Defective motor | Add water and verify Clean Clean/replace Check for debris in pit and clean Check for debris or ice Replace Replace |

TO THE END CONSUMER:

If you have any problem with the product, before advising the store, where you've purchased the pump, please contact us at 514 337-4415, and ask for our customer service desk. They will be pleased to help you with any questions you might have, concerning your installation.

NOTES:

A large, rounded rectangular frame with a thick gray border. Inside the frame, there are 25 horizontal gray lines spaced evenly, providing a template for writing notes. The top and bottom corners of the frame are rounded.