



Manuals.plus /

› Pentair /

› Pentair Simer 2300-04 Aluminum Utility Pump User Manual

Pentair 2300-04

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Model: 2300-04

Brand: Pentair

INTRODUCTION

Welcome and thank you for choosing the Pentair Simer 2300-04 Aluminum Utility Pump. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your pump. Please read this manual thoroughly before use and retain it for future reference.

The Simer Geysler classic is a durable, heavy-duty utility pump designed for various water transfer applications.

IMPORTANT SAFETY INSTRUCTIONS

WARNING: Read and understand all instructions before installing or operating this pump. Failure to follow these instructions could result in serious injury or property damage.

Electrical Safety

- Always disconnect power before servicing the pump.
- Ensure the power source matches the pump's voltage requirements (115V).
- Use a properly grounded outlet. Do not remove the grounding prong.
- Do not operate the pump with a damaged cord or plug.
- Do not immerse the power cord or plug in water.

General Safety

- This pump is designed for water transfer only. Do not use with flammable liquids, chemicals, or corrosive materials.
- Do not run the pump dry.
- Keep hands, feet, and clothing away from moving parts.
- Ensure the pump is placed on a stable, level surface.
- Do not lift the pump by its power cord.
- This product contains chemicals known to the State of California to cause cancer and birth defects or

other reproductive harm (Proposition 65 warning).

PRODUCT OVERVIEW

The Pentair Simer 2300-04 is a 1/4 hp aluminum utility pump.



Image Description: A compact, silver-colored utility pump with a black handle on top. It features an inlet and outlet port, and a power cord extending from the base. The pump body appears to be made of aluminum.

SETUP

Unpacking

- Carefully remove the pump from its packaging.
- Inspect the pump for any shipping damage. If damaged, do not operate and contact your supplier.
- Ensure all components are present.

Placement

- Position the pump on a firm, level surface in the area where water needs to be transferred.
- Ensure adequate ventilation around the pump.
- The pump is designed for above-ground use.

Connections

- Connect a suitable intake hose to the pump's inlet. Ensure a tight, leak-free connection.
- Connect a discharge hose to the pump's outlet. Direct the discharge hose to a safe drainage area.
- Ensure the hoses are not kinked or obstructed.

Electrical Connection

- Plug the pump into a grounded 115V electrical outlet.
- Do not use extension cords unless absolutely necessary, and ensure they are rated for outdoor use and the pump's power requirements.

OPERATING INSTRUCTIONS

Priming the Pump

This pump may require priming for initial operation or if it has run dry.

1. Ensure all hose connections are secure.
2. Fill the pump casing with water through the inlet port until water overflows.
3. Connect the power. The pump should begin to draw water.
4. If the pump does not prime within a few minutes, disconnect power, check for air leaks in the suction line, and repeat the priming process.

Starting the Pump

Once primed and connected, simply plug the pump into the power outlet to start operation.

Shutting Down the Pump

To stop the pump, disconnect it from the power outlet.

Continuous Operation

The pump is designed for intermittent or continuous duty, provided it is not run dry. Monitor the pump during operation.

MAINTENANCE

Regular Checks

- Periodically inspect the power cord for damage.
- Check hose connections for leaks.
- Ensure the pump inlet is free from debris.

Cleaning

- Disconnect power before cleaning.
- Clean the exterior of the pump with a damp cloth.
- If the impeller becomes clogged, disconnect power, remove the inlet screen (if applicable), and clear any obstructions.

Storage

- For long-term storage, especially in freezing temperatures, drain all water from the pump and hoses.
- Store the pump in a dry, protected area.

TROUBLESHOOTING GUIDE

Problem	Possible Cause	Solution
Pump does not start	No power; tripped circuit breaker; faulty motor.	Check power connection; reset breaker; contact qualified service personnel.
Pump runs but does not pump water	Not primed; air leak in suction line; clogged inlet/impeller; discharge head too high.	Prime the pump; check hose connections; clear obstructions; reduce discharge lift.
Reduced flow rate	Partial clog; worn impeller; low voltage.	Clear clog; contact service; check power supply.
Pump is noisy	Air in system; cavitation; foreign object in pump.	Ensure pump is primed; check for air leaks; disconnect power and inspect impeller area.

TECHNICAL SPECIFICATIONS

- **Model:** 2300-04
- **Brand:** Pentair Simer
- **Material:** Aluminum
- **Power Source:** Corded Electric
- **Voltage:** 115V
- **Horsepower:** 1/4 hp
- **Item Weight:** 9.6 Pounds
- **Style:** Above Ground
- **UPC:** 017561515058
- **ASIN:** B00KHITHEU

Note: Specific flow rates (GPM) are not provided in the product data and are therefore omitted.

WARRANTY AND CUSTOMER SUPPORT

For warranty information, service, or technical assistance, please contact Pentair customer support. Keep your purchase receipt and model number (2300-04) readily available.

Refer to the official Pentair website or your purchase documentation for the most current warranty terms and conditions.

Online Support: www.pentair.com

Manufacturer: PENTAIR