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Jabsco 82605-0092

Jabsco Hotshot Series Automatic Washdown Pump 12 Volt User Manual

Introduction

Welcome to the user manual for your Jabsco Hotshot Series Automatic Washdown Pump. This manual provides essential information for the safe and efficient operation, installation, and maintenance of your pump. Please read this manual thoroughly before using the product to ensure proper function and to prevent damage or injury.

Safety Information

This section contains important safety instructions that must be followed during installation, operation, and maintenance of the Jabsco Hotshot Series Automatic Washdown Pump. Failure to comply with these instructions could result in personal injury, damage to the pump, or other property damage.

General Safety Precautions

- Always disconnect power before installing, servicing, or performing any maintenance on the pump.
- Ensure all electrical connections are properly sealed and protected from moisture, especially in marine environments.
- Do not operate the pump dry. Ensure there is sufficient water supply to prevent damage.
- Verify that the voltage and current ratings of your power supply match the pump's requirements (12 VDC, 18A max).
- Install the pump in a well-ventilated area, away from heat sources.
- Use appropriate personal protective equipment (PPE) during installation and maintenance.
- This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Wash hands after handling.

Package Contents

Carefully unpack the box and ensure all items listed below are present and undamaged. If any items are missing or damaged, contact your dealer immediately.

- Jabsco Hotshot Series Automatic Washdown Pump (12 Volt)
- 3/4" Quick Connect Ports
- Strainer (Pumpgard Model 46400-9500)

- Sprayer with Quick Disconnect Garden Hose Adapter



The image above displays the complete kit for the Jabsco Hotshot Series Automatic Washdown Pump. It includes the main pump unit, a spray nozzle for washdown applications, various quick-connect fittings for easy plumbing, and a Pumpgard strainer designed to protect the pump from debris.

Product Features

The Jabsco Hotshot Series Automatic Washdown Pump is engineered for reliable performance in demanding environments. Key features include:

- **High Performance:** Delivers 6 Gallons Per Minute (GPM) with a 70 PSI shut-off pressure, ensuring powerful washdown capability.
- **Efficient Power:** Operates on 12 VDC with a maximum current draw of 18 Amperes.
- **Easy Connectivity:** Features quick connect ports for simplified installation, servicing, and maintenance.
- **Self-Priming:** Designed to self-prime, offering greater flexibility in installation locations.
- **Quiet Operation:** Engineered for efficient and quiet performance.

- **Heavy-Duty Construction:** HD model includes a heavy-duty motor and a robust cast aluminum lower housing for extended life, even under high-pressure conditions.
- **Vibration Dampening:** Equipped with vibration dampening mounting feet to reduce noise and wear.
- **Automatic Operation:** Integrated, sealed pressure switch provides on-demand operation, activating the pump when water is needed and shutting it off when the flow stops.
- **Complete Kit:** Includes the pump, quick connect ports, a strainer, and a sprayer with a quick disconnect garden hose adapter for immediate use.

Specifications

Property	Value
Brand	Jabsco
Model Name	82605-0092
Part Number	82605-0092
Voltage	12 Volts (DC)
Power Source	12V DC
Maximum Flow Rate	6 Gallons Per Minute
Maximum Lifting Height	7 Feet
Item Weight	7.3 Pounds
Color	Black
Material	Blend
Item Dimensions (LxWxH)	13 x 8 x 8 inches
Included Components	Pump, 3/4" quick connect ports, strainer, sprayer with garden hose adapter
Suggested Users	Boats, Recreational Vehicle
Warranty	1 Year

Installation

Proper installation is crucial for the optimal performance and longevity of your Jabsco Hotshot Series Automatic Washdown Pump. Follow these steps carefully.

Mounting the Pump

1. Select a dry, well-ventilated location that is easily accessible for maintenance. The pump should be mounted on a solid, flat surface.
2. Utilize the vibration dampening mounting feet to secure the pump. Ensure the mounting screws are appropriate for the surface material.
3. Position the pump as close as possible to the water source, ideally below the water level for easier priming, though the pump is self-priming.

Plumbing Connections

1. **Inlet Connection:** Connect the water supply hose to the pump's inlet port. Use the provided 3/4" quick connect ports. Ensure the Pumpgard strainer is installed on the inlet side to protect the pump from debris.
2. **Outlet Connection:** Connect the washdown hose to the pump's outlet port. Attach the provided sprayer with the quick disconnect garden hose adapter to the end of your washdown hose.
3. Ensure all connections are secure and leak-free. Use hose clamps where necessary.

Electrical Connections

1. **WARNING:** Disconnect all power before making electrical connections.
2. Connect the pump to a 12 VDC power source. The pump requires a maximum of 18 Amperes. It is recommended to use a dedicated circuit with an appropriately sized fuse or circuit breaker (e.g., 20A).
3. Connect the positive (+) wire from the pump to the positive terminal of your power source.
4. Connect the negative (-) wire from the pump to the negative terminal or ground.
5. Ensure all electrical connections are clean, tight, and protected from corrosion and moisture.

Operation

The Jabsco Hotshot Series Automatic Washdown Pump is designed for on-demand operation.

Initial Start-Up

1. Ensure all plumbing connections are secure and the water supply is open.
2. Verify that the electrical connections are correct and the power source is active.
3. Turn on the power to the pump. The pump may run briefly to prime itself.
4. Open the spray nozzle. The pump will automatically start and provide water flow.
5. Close the spray nozzle. The integrated pressure switch will sense the pressure build-up and automatically shut off the pump.

Normal Operation

The pump will automatically activate when the spray nozzle is opened and deactivate when it is closed. This on-demand feature conserves power and extends pump life.

Important Notes

- Do not run the pump dry for extended periods, as this can cause damage.
- If the pump cycles on and off rapidly when the nozzle is closed, check for leaks in the plumbing system or a faulty pressure switch.

Maintenance

Regular maintenance will ensure the long-term reliability and performance of your Jabsco Hotshot Series Automatic Washdown Pump.

Routine Checks

- **Inspect Connections:** Periodically check all plumbing and electrical connections for tightness, corrosion, and leaks.
- **Clean Strainer:** Regularly inspect and clean the Pumpgard strainer. Debris accumulation can restrict flow and reduce pump performance. To clean, unscrew the clear bowl, remove the screen, rinse thoroughly, and reassemble.
- **Check for Leaks:** Inspect the pump and hoses for any signs of water leaks. Address leaks promptly to prevent

damage.

- **Winterization (if applicable):** In freezing climates, ensure the pump and plumbing are drained or protected with non-toxic antifreeze to prevent freeze damage.

Long-Term Storage

If the pump will not be used for an extended period, disconnect power, drain all water from the pump and hoses, and store in a dry, protected environment.

Troubleshooting

This section provides solutions to common issues you might encounter with your Jabsco Hotshot Series Automatic Washdown Pump.

Problem	Possible Cause	Solution
Pump does not run	No power	Check power supply, fuse/breaker, and electrical connections.
Pump runs but no water flow	No water in supply; Air leak on inlet side; Clogged strainer	Ensure water supply is open; Check inlet hose and connections for air leaks; Clean the Pumpgard strainer.
Pump cycles on/off rapidly when nozzle is closed	Leak in plumbing system; Faulty pressure switch	Inspect all connections and hoses for leaks; If no leaks found, the pressure switch may need replacement (contact support).
Low flow or pressure	Clogged strainer; Kinked hose; Low voltage; Worn pump head	Clean strainer; Straighten hoses; Check voltage at pump; Inspect pump head for wear (contact support if worn).
Pump is noisy	Air in system; Loose mounting; Debris in pump	Bleed air from system; Tighten mounting screws; Check for debris in pump (disconnect power before inspecting).

Warranty and Support

Warranty Information

The Jabsco Hotshot Series Automatic Washdown Pump is covered by a**1-Year Limited Warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from improper installation, misuse, abuse, neglect, accident, or unauthorized repairs.

Obtaining Support

For technical assistance, warranty claims, or to order replacement parts, please contact Jabsco customer support or your authorized dealer. Please have your pump's model number (82605-0092) and date of purchase available when contacting support.

You can find more information and contact details on the official Jabsco website.

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