

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [wassermann](#) /

› [WASSERMANN Water Pressure Pump 115 Volt AC 5.5GPM 60PSI User Manual](#)

wassermann 4WDPC55-60-115V

WASSERMANN Water Pressure Pump User Manual

Model: 4WDPC55-60-115V

1. PRODUCT OVERVIEW

The WASSERMANN 115 Volt AC 5.5GPM 60PSI Water Pressure Pump is engineered to meet diverse pressurization requirements for residential, marine, and garden applications. This self-priming diaphragm pump is equipped with an integrated pressure switch, ensuring efficient and reliable water delivery.

Key features include a robust 115V motor, capable of delivering a flow rate of 5.5 Gallons Per Minute (GPM) at 60 Pounds per Square Inch (PSI). Its design prioritizes high operating efficiency, low noise output, and minimal current consumption, contributing to stable water flow and consistent performance.

The pump comes with a 3.5-foot power cord, a 1/2-inch outlet diameter, and a 3/4-inch garden hose copper connector for versatile integration. Built with durability in mind, the WASSERMANN pump is designed for long-term reliability and ease of maintenance. It complies with stringent safety standards, holding both CE and ROHS certifications.



Image 1.1: The WASSERMANN Water Pressure Pump shown with included accessories, including various hose adapters and a roll of PTFE tape.

HIGH PERFORMANCE



VOLATGE
115 V AC

AMPS
1.5 A

FLOW
5.5 GPM

MAX SCUTION
10 FT

PSI
60 PSI

MAX LIFT
98 FT

ADAPTER

2*1/2" NPSF Hose Adapter

1*1/2" NPSF Adapter

1*3/4" GHT Male



Image 1.2: Detailed specifications highlighting the pump's high performance, including voltage, amps, flow rate, PSI, max suction, max lift, and adapter types.

VARIOUS LIQUIDS



Warning:

DO NOT PUMP FLAMMABLE LIQUIDS SUCH AS GASOLINE, KEROSENE, ETHANOL, ET

Image 1.3: Overview of product advantages, including overload protection, newly upgraded pressure switch, extended 115V AC power cord, stable base, and CE certification.

2. SETUP AND INSTALLATION

Proper installation is crucial for the optimal performance and longevity of your WASSERMANN water pressure pump. Follow these steps carefully:

2.1 Pre-Installation Checks

- Ensure the pump is placed on a stable, level surface. The pump features stable rubber feet to minimize vibration and noise.
- Verify that the power source matches the pump's voltage requirements (115 Volts AC).
- Confirm that all necessary fittings and hoses are clean and free of debris.

2.2 Connecting the Strainer and Hoses

1. **Install the Strainer:** Firmly tighten the included 50-mesh stainless steel strainer to the inlet port of the pump. This strainer is essential for filtering out impurities and debris from the water, protecting the pump's internal components.
2. **Attach Barbed Hose Adapters:** Install the barbed hose adapters to the threaded NPSM ports on the pump. Use the included PTFE (Teflon) tape on the threads to ensure a watertight seal.
3. **Connect Hoses:** Securely attach your water hoses to the barbed hose adapters. Ensure all connections are tight to prevent leaks.



Image 2.1: Visual guide for easy installation, showing steps for tightening the strainer, installing barbed hose adapters, and connecting hoses.

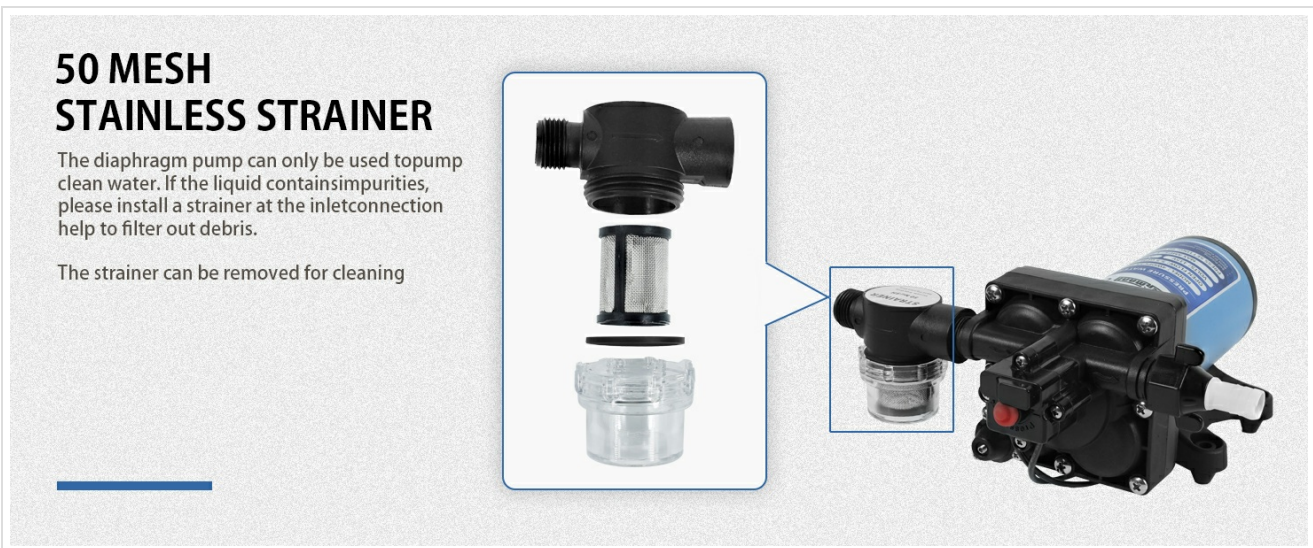


Image 2.2: Detail of the 50 mesh stainless strainer, emphasizing its role in filtering impurities and its removable design for cleaning.

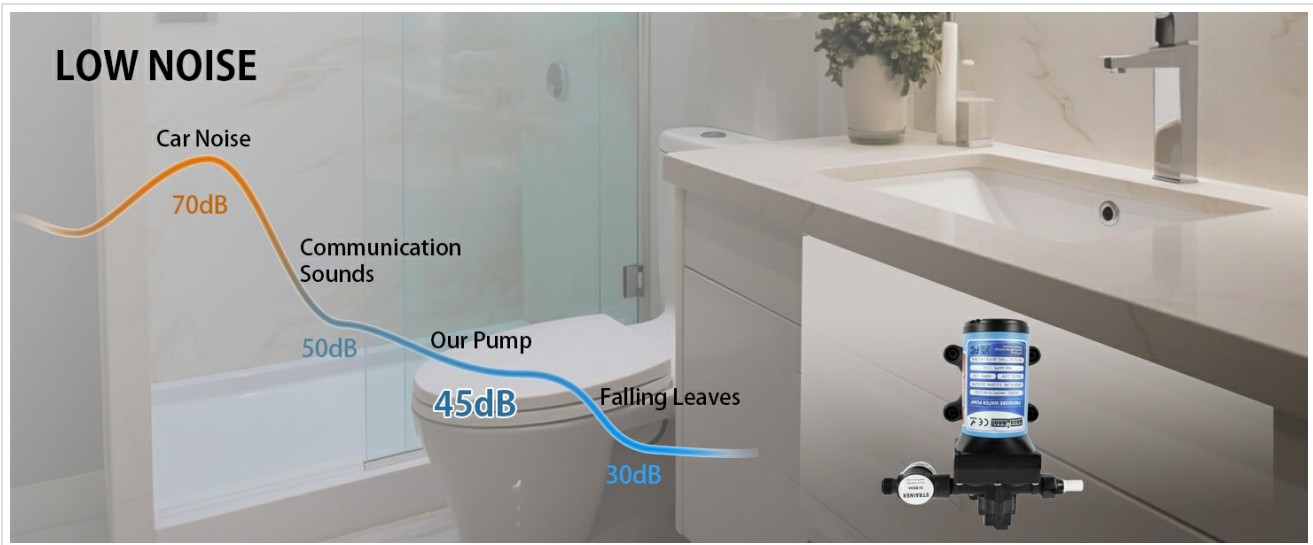


Image 2.3: Illustration of the 3/4 inch garden hose adapters, highlighting their use for watering, spraying, and irrigation, and the recommendation to use PTFE tape.

A PASSION FOR HIGH QUALITY WATER PUMPS

QUALITY TESTED Each pump has thermal protection and ignition protection	MOTOR 100% solid copper motor windings featured in all Wassermann pumps	
PRESSURE SWITCH Pressure Adjustable, Factory set stop pressure 55PSI	IMPELLER Durable, Offers both performance and reliability	
SHAFT SEAL Heavy Duty Stainless Steel Shaft Seal	PUMP BODY Thermoplastic construction, Anti Rust	

Image 2.4: Close-up of the stable rubber feet, demonstrating how they minimize vibration and reduce noise during operation.

3. OPERATING INSTRUCTIONS

The WASSERMANN pump is designed for straightforward operation with an automatic pressure switch.

3.1 Initial Start-up

- Ensure all connections are secure and the pump is properly positioned.
- Connect the pump to a 115V AC power outlet. The pump will automatically prime itself.
- Open the water outlet (faucet, nozzle, etc.) to allow water to flow. The pump will start automatically when water demand is detected and shut off when the demand ceases.

3.2 Pressure Adjustment

The pump features an automatic pressure switch with a standard pressure value of 60 PSI. If adjustment is needed:

1. Locate the red rubber sleeve in the center of the pressure switch and open it.
2. Use a pressure regulator needle (or a small flat-head screwdriver) to adjust the pressure.

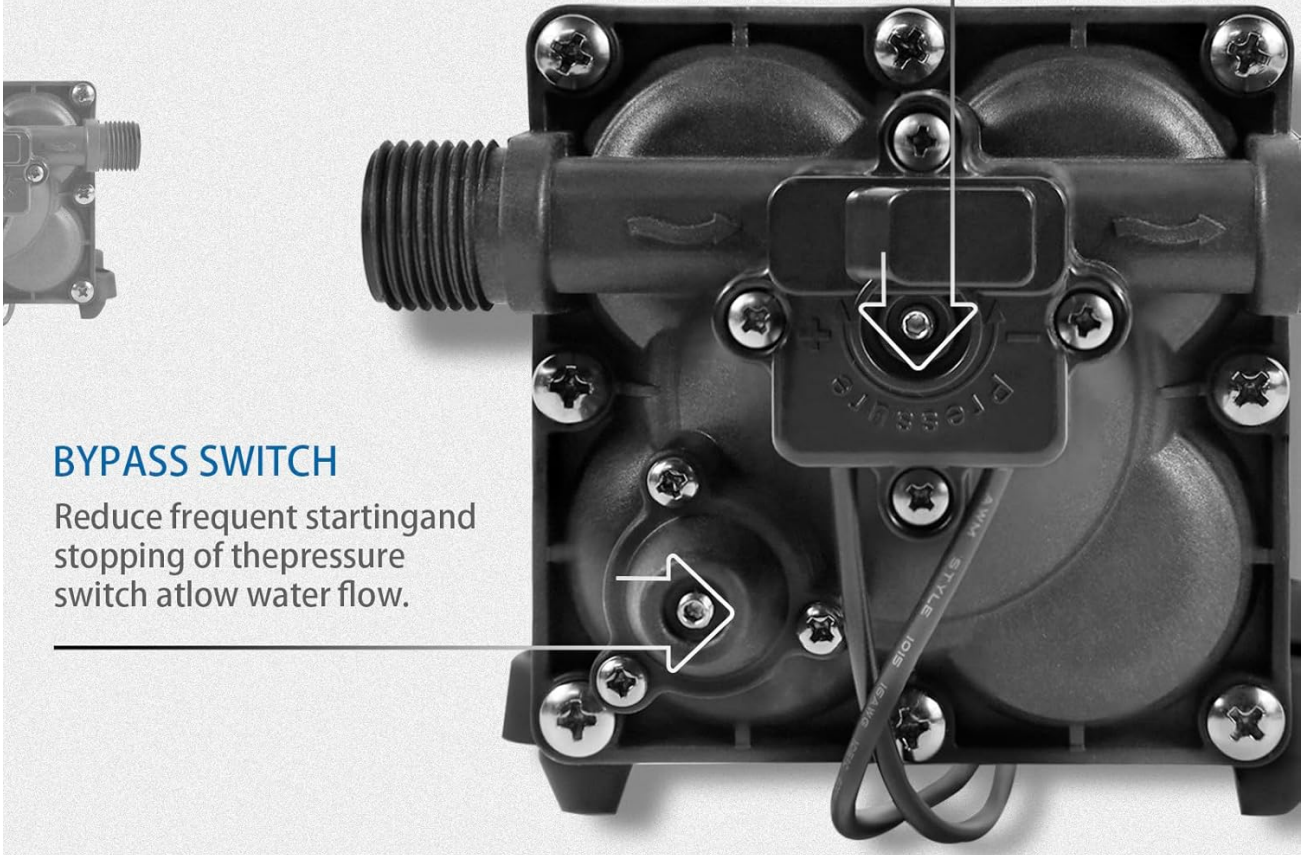
3. Turning clockwise will increase the pressure; turning counter-clockwise will decrease the pressure.

AUTOMATIC PRESSURE SWITCH

(Standard pressure value 60PSI)

AUTOMATIC PRESSURE SWITCH

Remove the top lid, tighten clockwise to increase pressure; loosen counterclockwise to reduce pressure.



BYPASS SWITCH

Reduce frequent starting and stopping of the pressure switch at low water flow.

Image 3.1: Diagram illustrating the automatic pressure switch and bypass switch. The pressure switch allows for pressure adjustment, while the bypass switch reduces frequent starting and stopping at low water flow.

3/4" Garden Hose Adapters

2x1/2" to 3/4" garden hose adapters help to connect 3/4" garden hose when you need watering, spraying and irrigation

(Please use the included teflon tape for connection)

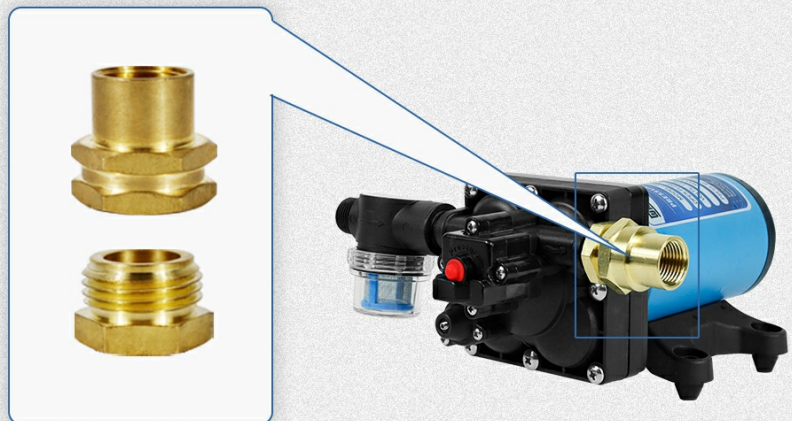


Image 3.2: Step-by-step visual guide on how to adjust the pump's pressure using the pressure regulator.

3.3 Compatible Liquids

This pump is designed to handle various liquids:

- Fresh Water
- Drinking Water
- Low Salinity Liquid
- Weakly Acidic Liquid

Warning: DO NOT PUMP FLAMMABLE LIQUIDS such as gasoline, kerosene, ethanol, etc.

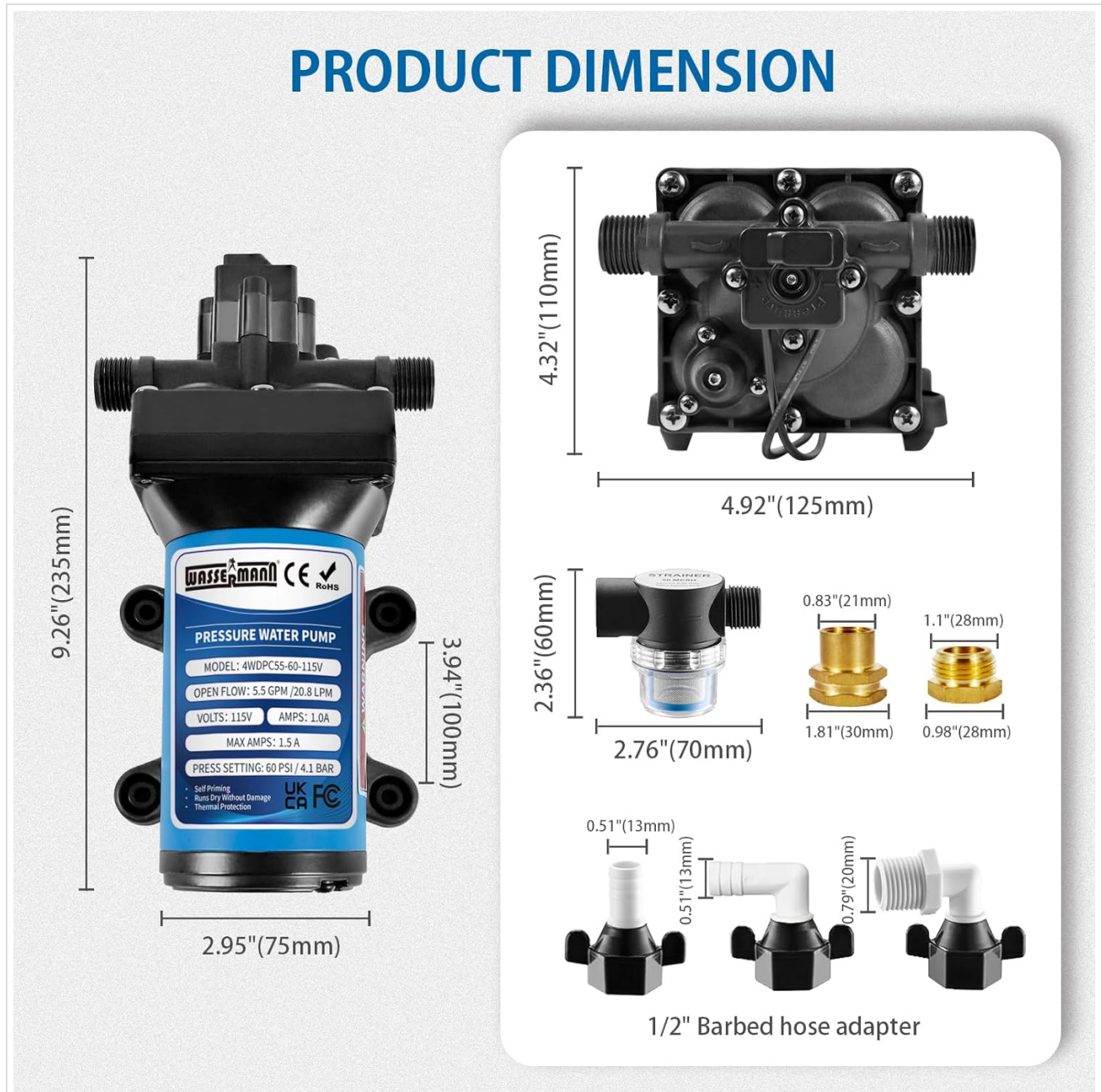


Image 3.3: Visual representation of compatible liquids (fresh water, drinking water, low salinity, weakly acidic) and a critical warning against pumping flammable liquids.

4. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your WASSERMANN pump.

4.1 Strainer Cleaning

The 50-mesh stainless steel strainer at the pump's inlet should be periodically inspected and cleaned, especially if you notice a decrease in water flow or pressure. The strainer can be easily removed for cleaning.

- Disconnect the pump from the power source.
- Unscrew the strainer housing.
- Remove the mesh filter and rinse it thoroughly under clean water to remove any accumulated debris.
- Reassemble the strainer, ensuring all seals are properly seated before reattaching it to the pump.

4.2 General Care

- Keep the pump in a clean, dry environment when not in use.
- Protect the pump from freezing temperatures, which can cause damage.
- Regularly check all hose connections for leaks and tighten as necessary.

5. TROUBLESHOOTING

If you encounter issues with your WASSERMANN water pressure pump, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Pump does not start or run.	No power supply; tripped circuit breaker; faulty wiring; motor issue.	Check power connection and outlet. Reset circuit breaker. Inspect wiring for damage. If motor issue suspected, contact support.
Low or inconsistent water pressure.	Clogged strainer; air in the system; kinked hose; pressure switch needs adjustment.	Clean the strainer (refer to Section 4.1). Bleed air from the system. Straighten hoses. Adjust pressure switch (refer to Section 3.2).
Pump runs continuously or cycles frequently.	Leak in the system; pressure switch setting too low; bypass switch engaged.	Check all connections and hoses for leaks. Adjust pressure switch to a higher setting. Ensure bypass switch is not stuck.
Water leaking from pump housing.	Loose fittings; damaged seals; cracked housing.	Tighten all fittings. Inspect and replace damaged seals. If housing is cracked, pump may need replacement; contact support.
Excessive noise or vibration.	Loose mounting; debris in pump; worn bearings.	Ensure pump is securely mounted on a stable surface. Check for foreign objects in the pump. If noise persists, contact support.

If the problem persists after attempting these solutions, please contact WASSERMANN customer support for further assistance.

6. SPECIFICATIONS

Attribute	Value
Model Number	4WDPC55-60-115V
Voltage	115 Volts AC
Flow Rate	5.5 GPM (Gallons Per Minute)
Pressure Setting	60 PSI (Pounds per Square Inch)
Max Suction Lift	10 feet
Max Discharge Head	98 feet
Amperage	1.5 Amps
Power Source	AC (Alternating Current)
Material	Plastic
Item Weight	7.11 pounds
Package Dimensions	12.32 x 6.02 x 5.12 inches
Certifications	CE, ROHS



Image 6.1: Detailed product dimensions of the WASSERMANN water pressure pump and its components.

7. WARRANTY AND SUPPORT

WASSERMANN is committed to providing high-quality products and excellent customer service.

7.1 Return Policy

Your purchase is covered by Amazon's hassle-free return and replacement policy for 30 days from the date of purchase.

7.2 After 30 Days

For support or inquiries beyond the initial 30-day return period, please contact the seller directly. While Amazon's policy may no longer apply, WASSERMANN is dedicated to working with you to find a satisfactory solution tailored to your situation. We are committed to ensuring your experience is exceptional.

You can typically find seller contact information through your Amazon order history or by visiting the

