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AR Blue Clean AR613 Pressure Washer User Manual

Model: AR613

INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your AR Blue Clean AR613 Industrial Electric Pressure Washer. Please read this manual thoroughly before operating the unit. The AR613 is a robust pressure washer designed for various cleaning tasks, featuring an induction motor, triplex plunger pump with ceramic pistons, and a Total Stop System (TSS) for enhanced durability and user convenience. It delivers 1900 PSI and 2.2 GPM, powered by a 115V induction motor.

SAFETY INFORMATION

Always observe basic safety precautions when using this product to reduce the risk of injury or damage. This product is equipped with a Proposition 65 warning, indicating it may expose you to chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit www.P65Warnings.ca.gov.

- Read all instructions before using the appliance.
- Do not direct the water stream at people, pets, electrical devices, or the unit itself.
- Wear appropriate personal protective equipment, including eye protection.
- Ensure the power supply matches the unit's requirements (115V, 18AMP).
- Always disconnect the power supply before performing any maintenance.
- Do not operate the unit if the power cord or other critical parts are damaged.
- Keep children and pets away from the operating area.

COMPONENTS AND ACCESSORIES

The AR613 pressure washer comes with the following components:

- AR613 Pressure Washer Unit
- Professional Trigger Gun
- Metal Lance with Adjustable Nozzle
- 25' Super Soft High Pressure Hose with Velcro Strap & Dedicated Storage Hook

- Garden Hose Adapter
- Inspectable Water Intake Filter



Figure 1: Included accessories for the AR613 pressure washer, featuring the trigger gun, 25-foot high-pressure hose, and metal lance with an adjustable nozzle.

SETUP INSTRUCTIONS

1. **Unpacking:** Carefully remove all components from the packaging. Inspect for any damage.
2. **Connect High-Pressure Hose:** Attach the 25' high-pressure hose to the outlet on the pressure washer unit and to the trigger gun. Ensure connections are secure.



Figure 2: Side view of the AR613 unit, highlighting the brass pump head where the high-pressure hose connects.

3. **Connect Water Supply:** Connect a standard garden hose (not included) to the water inlet on the pressure washer. Use the included garden hose adapter if necessary. Ensure the water supply is clean and free of debris. The inspectable water intake filter should be in place.



Figure 3: The water intake filter and brass connections on the side of the pressure washer.

4. **Connect Lance to Gun:** Attach the metal lance with the adjustable nozzle to the trigger gun.
5. **Power Connection:** Plug the power cord into a grounded 115V electrical outlet.





Figure 4: Top view of the AR613, showing the integrated handle for portability and the power cord connection.

6. **Purge Air from System:** Before turning on the power, turn on the water supply fully. Squeeze the trigger gun to allow water to flow through the system and expel any trapped air. Continue until a steady stream of water emerges from the nozzle. This protects the pump.

OPERATING INSTRUCTIONS

1. **Starting the Unit:** Once air is purged, turn the pressure washer's power switch to the "ON" position. The motor will start.
2. **Adjusting Pressure:** The unit features a pressure gauge and regulation knob. Turn the knob to adjust the output pressure according to your cleaning needs.



Figure 5: Detail of the pressure gauge and regulation knob for precise pressure control.

3. **Applying Detergent (Optional):** The AR613 has a built-in detergent suction system. Place the detergent suction tube into a container of pressure washer safe detergent. The unit will draw detergent when operating at low pressure or with a specific detergent nozzle (if applicable).
4. **Cleaning:** Hold the trigger gun firmly and direct the spray at the surface to be cleaned. Maintain a safe distance to avoid damaging the surface. Work from top to bottom.
5. **Total Stop System (TSS):** The TSS automatically shuts off the pump when the trigger is released, saving energy and extending pump life. The pump restarts when the trigger is squeezed again.
6. **Shutting Down:**
 - Turn the power switch to "OFF".
 - Turn off the water supply.
 - Squeeze the trigger gun to release any remaining pressure in the system.
 - Disconnect the garden hose and high-pressure hose.

Regular maintenance ensures optimal performance and extends the life of your pressure washer.

• **After Each Use:**

- Drain all water from the pump, hoses, and accessories to prevent freezing in cold weather.
- Clean the exterior of the unit with a damp cloth.
- Inspect the water intake filter for debris and clean if necessary.

• **Storage:** Store the pressure washer in a dry, frost-free environment. If storing for extended periods, consider using a pump protector/antifreeze solution.

• **Nozzle Cleaning:** If the nozzle becomes clogged, use the included nozzle cleaning tool (if applicable) or a small wire to clear any obstructions.

• **Hose and Cord Care:** Coil the high-pressure hose and power cord neatly after each use. Avoid kinking or damaging them.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not start	No power supply; tripped circuit breaker; faulty switch.	Check power connection; reset breaker; contact service.
Low pressure	Insufficient water supply; clogged nozzle; air in pump.	Ensure full water flow; clean nozzle; purge air from system.
Motor runs continuously (TSS not working)	Air in pump; leak in system; bypass valve issue.	Purge air; check for leaks; contact service.
Water leaks from connections	Loose connections; worn O-rings.	Tighten connections; replace O-rings.

SPECIFICATIONS

Feature	Detail
Model	AR613
Brand	AR Blue Clean
Maximum Pressure	1900 PSI
Maximum Flow Rate	2.2 GPM
Power Source	Corded Electric
Voltage	115V
Amperage	18 AMP (15 AMP for pump operation)
Motor Type	Induction Motor
Pump Type	Triplex Plunger Pump with Ceramic Pistons
Hose Length	25 Feet
Item Weight	47 Pounds
Product Dimensions (L x W x H)	17" x 10" x 10"



Figure 6: Dimensional overview of the AR613 pressure washer.

WARRANTY AND SUPPORT

The AR Blue Clean AR613 Pressure Washer typically comes with a **1-Year Warranty** from the manufacturer, AR North America. Please refer to your product registration card or the manufacturer's official website for specific warranty terms and conditions.

For technical support, parts, or warranty claims, please contact AR North America customer service. Contact information can usually be found on the product packaging or their official website.

Visit the official AR Blue Clean Store on Amazon for more information: [AR Blue Clean Store](#)

