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VEVOR QXB-3

VEVOR Pressure Washer Pump QXB-3 User Manual

Model: QXB-3 | Brand: VEVOR

INTRODUCTION

This manual provides essential instructions for the safe installation, operation, and maintenance of your VEVOR Pressure Washer Pump, Model QXB-3. Please read this manual thoroughly before use to ensure proper function and longevity of the product.

The VEVOR QXB-3 is a replacement vertical shaft pressure washer pump designed for engines with a 7/8-inch shaft, delivering up to 3300 PSI and 3.0 GPM. It is compatible with various pressure washer brands including RYOBI, Honda, and Briggs and Stratton, provided they match the specified shaft size and engine orientation.

SAFETY INFORMATION

WARNING: Failure to follow these instructions may result in serious injury or property damage.

- Always wear appropriate personal protective equipment (PPE) such as safety glasses and gloves when installing or operating the pressure washer pump.
- Ensure the pressure washer engine is turned off and cooled down before attempting any installation, maintenance, or repair.
- Disconnect the spark plug wire to prevent accidental starting.
- Relieve all pressure in the system before disconnecting hoses or performing maintenance.
- Do not operate the pump without water supply. Dry running can cause severe damage.
- Verify compatibility of the pump with your pressure washer engine (shaft size, engine orientation, and horsepower) before installation.
- Keep children and pets away from the work area.

PRODUCT OVERVIEW

Key Features

- **High-Efficiency Cleaning Power:** Delivers up to 3300 PSI and 3.0 GPM for various cleaning tasks. Recommended working pressure is 2600 PSI for extended lifespan.
- **Strong Compatibility:** Designed for 7/8-inch vertical shaft rear-outlet engines, fitting most 196-230cc 6HP-8HP engines with a standard SAE bolt pattern.

- **Maintenance-Free Design:** Features a maintenance-free crankcase, eliminating the need for oil changes.
- **Durable Construction:** Made from cast aluminum for corrosion resistance and durability, ensuring reliable performance for up to 150 hours of continuous operation.
- **Leak Prevention:** Equipped with a high-hardness plunger and metal sleeve design to reduce leak risk and resist deformation under high pressure.
- **Integrated Filter:** High-density filter protects the pressure washer pump.

Package Contents

The VEVOR Pressure Washer Pump kit includes the following items:

- 1 x Pressure Washer Pump (Model QXB-3)
- 5 x Spray Nozzles (various degrees)
- 1 x Nozzle Cleaning Pin
- 1 x Siphon Tube with Filter
- 2 x Shaft Keys
- 3 x M8 Flat Washers
- 3 sets of M8 Hex Bolts & Nuts



Image: VEVOR Pressure Washer Pump QXB-3 and its complete set of accessories.

VEVOR

- Item Model Number: **QXB-3**
- Engine Orientation: **Vertical**
- Matched Engine Water Inlet Direction: **Rear Water Inlet**
- Max/Recommended Pressure: **3300/2600 PSI**
- Max Flow Rate: **3.0 GPM**
- Inlet Connector: **3/4" NH Garden Hose**
- Outlet Connector: **M22 x 1.5-14mm**
- Shaft Diameter: **φ 7/8" / 22.2mm**
- Primary Material: **Aluminum**
- Compatible Engine Power: **6-8 HP**
- Net Weight: **6.42 lbs/2.91 kg**

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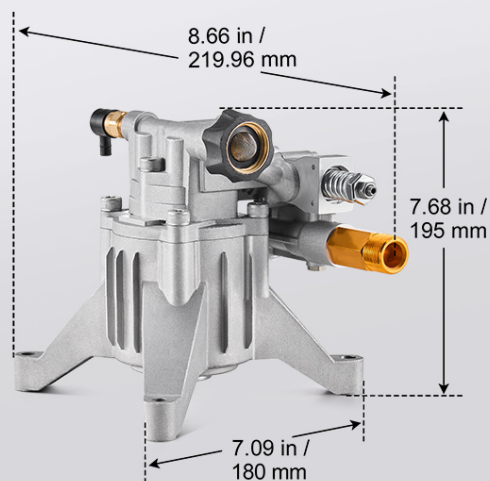


Image: Key components and features of the VEVOR Pressure Washer Pump QXB-3.

Compatibility Check

Before installation, ensure your pressure washer engine meets the following criteria:

- **Engine Orientation:** Vertical shaft engine. This pump is not compatible with horizontal engines.
- **Shaft Diameter:** 7/8 inch (22.2mm) shaft.
- **Engine Power:** 6-8 HP (196-230cc).
- **Water Inlet Direction:** Rear water inlet. This pump is designed for rear-outlet engines.
- **Mounting Pattern:** Standard SAE bolt pattern.

CONFIRM WATER INLET DIRECTION !

To ensure perfect product replacement

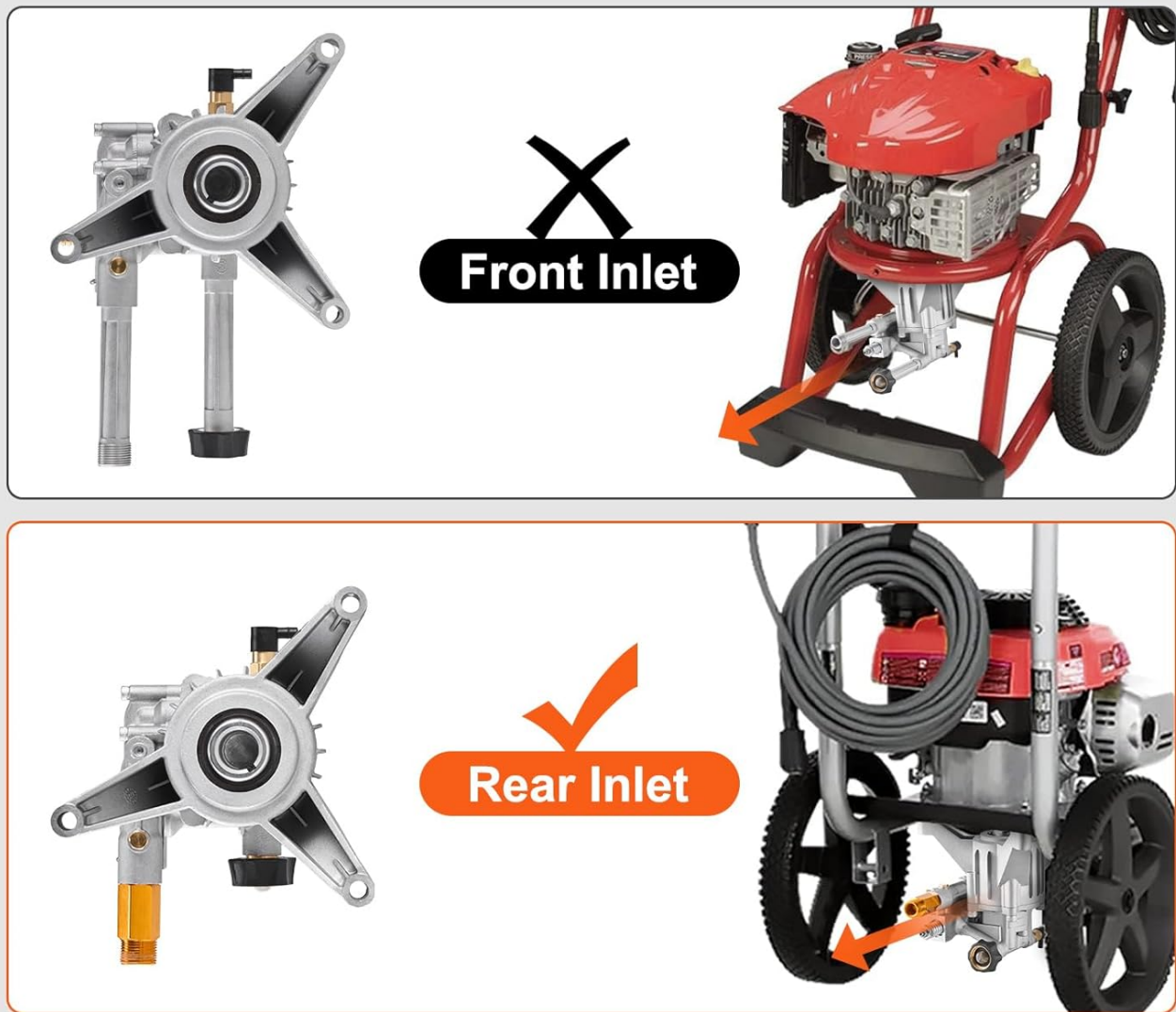
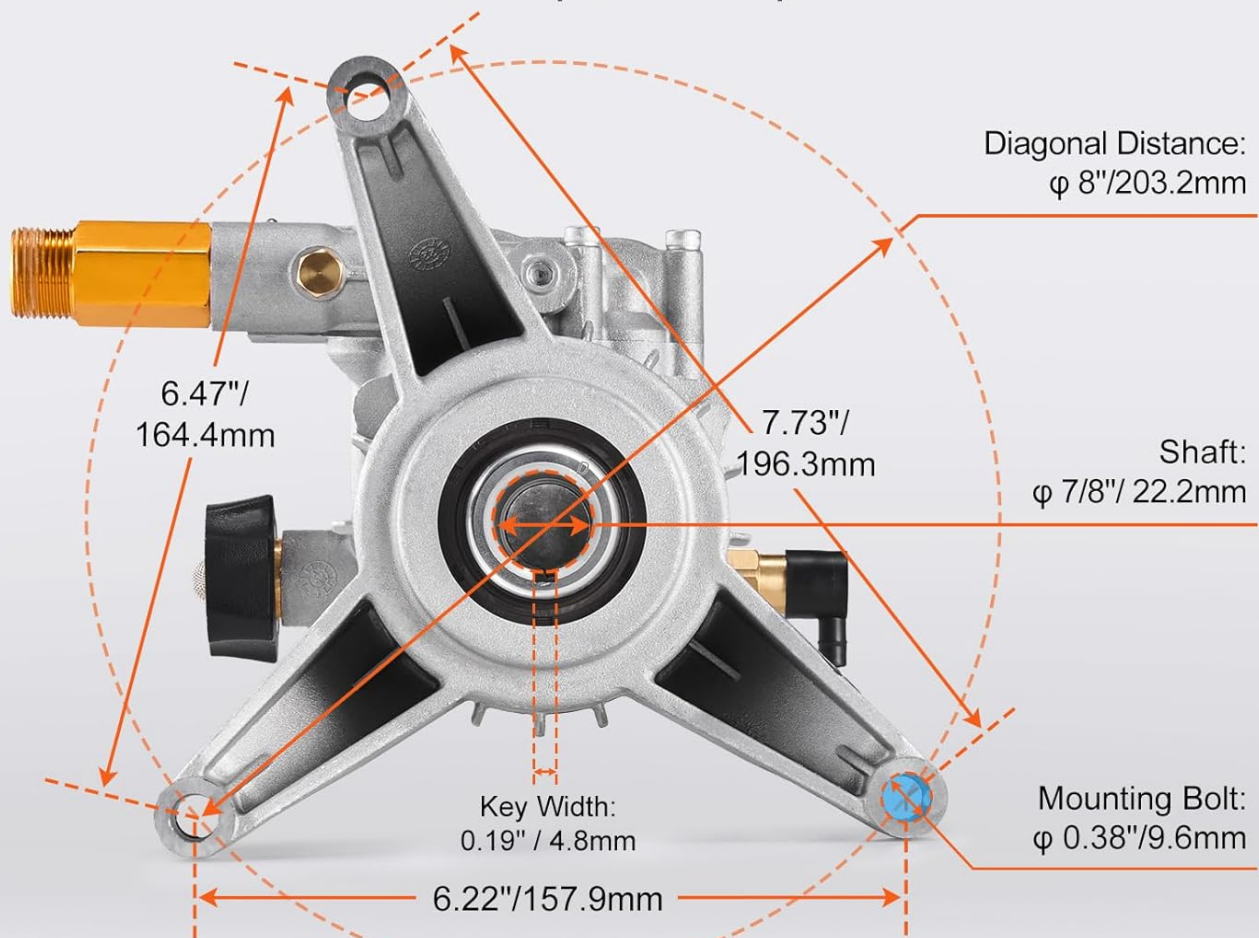


Image: Confirming the correct rear water inlet direction for pump compatibility.

STANDARD SAE BOLT PATTERN

Compatible with various brands and models
without special adapters



Please make sure your pressure washer has a **7/8"** shaft
vertical engine with **6-8 HP** horsepower

Image: Standard SAE bolt pattern and shaft dimensions for proper fitment.

Installation Steps

1. **Preparation:** Ensure the pressure washer engine is off, cooled, and the spark plug wire is disconnected. Gather the pump head, fixing screws, and shaft keys.
2. **Adjust Spindle:** Adjust the power spindle on the engine so that the keyway faces upwards.
3. **Insert Flat Key:** Carefully insert the flat key into the keyway on the engine's power spindle.
4. **Align and Mount Pump:** Align the crankshaft of the pump head with the keyway facing upwards, matching the key and keyway positions. Gently push the pump head onto the engine shaft until it is fully seated.
5. **Secure Pump:** Insert the three M8 hex bolts through the pump's mounting arms and into the engine's bolt holes. Tighten the three screws in sequence, ensuring even pressure. Do not overtighten.
6. **Connect Hoses:** Connect your garden hose to the 3/4" NH inlet and your pressure washer hose to the M22 x 1.5-14mm outlet.

Your browser does not support the video tag.

Video: Detailed installation instructions for the 7/8" vertical shaft pressure washer pump.

Nozzle Selection

The included 5 nozzles provide versatility for various cleaning tasks:

- **Red (0°):** Concentrated, high-pressure stream for tough stains and hard-to-reach areas. Use with extreme caution.
- **Yellow (15°):** Narrow fan spray for intense cleaning of small areas, stripping paint, or removing heavy grime.
- **Green (25°):** Medium fan spray for general cleaning of most surfaces, such as decks, patios, and driveways.
- **White (40°):** Wide fan spray for gentle cleaning of delicate surfaces, vehicles, or rinsing.
- **Black (Soap Nozzle):** Low-pressure wide spray for applying detergents and cleaning solutions.



Image: Multiple spraying nozzles and their applications.

General Operation

1. **Connect Water Supply:** Attach a garden hose to the pump's water inlet. Ensure the water supply is fully open before starting the engine.

- 2. **Connect High-Pressure Hose:** Attach the high-pressure hose to the pump's outlet and to your spray gun.
- 3. **Select Nozzle:** Choose the appropriate nozzle for your task and attach it to the spray gun.
- 4. **Start Engine:** Follow your pressure washer engine's starting procedure.
- 5. **Begin Cleaning:** Squeeze the spray gun trigger to start the water flow. Always start spraying away from the surface to be cleaned to avoid damage.
- 6. **Shut Down:** Release the spray gun trigger, turn off the engine, and then turn off the water supply. Squeeze the trigger again to relieve any remaining pressure in the system.

MAINTENANCE

- **Maintenance-Free Crankcase:** The VEVOR QXB-3 pump features a maintenance-free crankcase, meaning no oil changes are required for the pump itself.
- **Nozzle Cleaning:** Use the included nozzle cleaning pin to clear any blockages from the spray nozzles.
- **Inlet Filter:** Regularly inspect and clean the inlet filter to prevent debris from entering the pump.
- **Storage:** Before storing for extended periods, especially in freezing temperatures, ensure all water is drained from the pump and hoses. Consider using a pump protector or antifreeze solution.
- **Inspection:** Periodically check all connections for leaks and ensure bolts are securely tightened.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Low or No Pressure	Insufficient water supply	Ensure water supply is fully open and hose is not kinked.
	Clogged nozzle	Clean or replace nozzle.
	Air in the pump	Run water through the pump with the engine off and trigger open until air is purged.
	Damaged O-rings or seals	Inspect and replace worn O-rings or seals.
Water Leaks from Pump	Loose connections	Tighten all hose connections.
	Worn seals or O-rings	Inspect and replace any damaged seals or O-rings.
	Cracked housing (rare)	Contact VEVOR support if housing is cracked.
Engine Stalls or Runs Rough	Pump is seized	Disconnect pump and check if engine runs smoothly. If so, pump may be faulty.
	Engine issue (not pump related)	Refer to your engine's user manual for troubleshooting.

SPECIFICATIONS

Feature	Detail
Model Number	QXB-3
Max Pressure	3300 PSI
Recommended Working Pressure	2600 PSI
Max Flow Rate	3.0 GPM
Shaft Diameter	7/8" (22.2mm)

Feature	Detail
Engine Orientation	Vertical
Compatible Engine Power	6-8 HP (196-230cc)
Matched Engine Water Inlet Direction	Rear Water Inlet
Inlet Connector	3/4" NH Garden Hose
Outlet Connector	M22 x 1.5-14mm
Primary Material	Aluminum
Product Dimensions	8.66 x 7.68 x 7.09 inches (219.96 x 195 x 180 mm)
Net Weight	6.42 lbs (2.91 kg)





8.66 in / 219.96 mm

7.68 in / 195 mm

7.09 in / 180 mm

Item Model Number: QXB-3	Engine Orientation: Vertical
Max/Recommended Pressure: 3300/2600 PSI	Inlet Connector: 3/4" NH Garden Hose
Max Flow Rate: 3.0 GPM	Outlet Connector: M22 x 1.5-14 mm
Shaft Diameter: φ 7/8" / 22.2mm	Primary Material: Aluminum
Compatible Engine Power: 6-8 HP	Net Weight: 6.42 lbs/2.91 kg
Matched Engine Water Inlet Direction: Rear Water Inlet	

Image: Dimensions and detailed specifications of the pump.

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the official VEVOR website or contact VEVOR customer service directly. Keep your purchase receipt and product model number (QXB-3) handy for faster service.

You can typically find contact information on the VEVOR official website or through the retailer where the product was purchased.