

PHW

Portable, Electric-Powered, Diesel-Heated, Hot Water Pressure Washer

- Up to 4.8 GPM, 3000 PSI
- Belt-Drive Pump with 7-Year Warranty
- Patented Cool Bypass*
- Optional Time Delay or Auto Start/Stop
- Optional LanCom Wireless Remote Control

■ **Industrial-Strength Electric Motor** with multiple voltage options and thermal overload protection.

■ **Rugged tri-plunger, High-Pressure Pump** with U-seals for longer life in harsh conditions comes with 7-year warranty.

■ **Attractive brushed stainless steel Coil Top Wrap** provides a lifetime of rust-free protection.

■ **Unitized Structural Base and Frame** with removable fuel tank and end panels for unrestricted access to pump, unloader, motor, belts, and pulleys.

■ **High-efficiency Burner** is shielded by overhanging cover and features a **Fuel-Water Separator** for fuel pump protection.

■ **Optional Snap-N-Go LanCom Wireless Remote** with feedback controls pump, burner and detergent from up to 300 ft. away.

■ **Patented Cool-Bypass*** system keeps pump water temperature low while in bypass.

■ **Insulated, fatigue-free Trigger Gun** with dual-lance **Variable Pressure Wand** makes for easy cleaning and adjusting of pressure while washing.

■ **Large capacity 2.9-gallon water Float Tank** with corrosion-free durable PVC float valve.

■ **50 ft. of steel-wire braid High Pressure Hose** with 24-inch guard for burst protection and rated for up to 4000 PSI.

■ **Tru-Trac Pump Rail** belt adjustment keeps belt parallel with pump and motor when adjusting belt tension.

■ **Multi-Port Coil Discharge Manifold** with built-in thermostat well and rupture disk assembly.



■ **Diagnostic Lights** notify the operator of incoming power, burner ignition, and motor overload.

■ **Four quick-couple high-pressure Nozzles** are made of hardened stainless steel and mounted for ready access.

■ **Inlet Detergent Injection** for applying soap while washing in high pressure mode.

■ **36 ft. of high-grade Electrical Cord** for flexibility in maneuvering (15 ft. on 3 phase models).

■ **Helpful Tri-Lingual Labels** with operating instructions and warnings in English, Spanish and French as well as pictograms for owner and operator protection.

■ **13" Tires** provide excellent mobility and weight distribution with a combined load capacity of over 1,400 lbs.

■ **Oversized 9.7-gallon cross-linked polyethylene Fuel Tank** with ratcheting fuel cap to avoid stripping of threads. Also includes recessed fuel level gauge.

■ **Many Safety Features**, including a rupture disk to protect against excessive pressure, and ground fault circuit interrupter on 1 phase models.



*Patent No. 8,496,188 B2

■ **Corrosion-free polyethylene Electrical Box** with easy access door and control panel is pre-wired with **Snap-N-Go Plugs** for adding optional time delay, auto start/stop or LanCom wireless remote.

■ **Cast-iron, bushing Pulleys** with two notched "V" cogged **Belts** for cooler operation.



WHY CHOOSE THE PHW

For nearly three decades, the PHW has been the flagship of our hot water pressure washer line. Through the years the PHW has become renowned for its quality, innovation and safety:

QUALITY: Packed with quality throughout, the PHW is heated by diesel or fuel oil using a high-efficiency burner. Other quality features include: Heating coil made of Schedule 80 steel pipe; top-of-the-line, low-RPM, belt-drive, tri-plunger pump with U-seals and 7-year warranty; detergent metering valve for convenience in adjusting the flow of the soap; and an extra rugged fuel-water separator for burner protection.

INNOVATION: The PHW has a removable tank and end panels for unrestricted access to all components. Our patented Cool-Bypass* system keeps water temperature low while in bypass, extending the life of the pump. The balanced distribution of weight, 13" tires and easy-grip handles make maneuvering the PHW a breeze. Snap-N-Go plugs allow the addition of time delay, auto start/stop or LanCom wireless remote options.

SAFETY: The PHW is certified to the rigid UL-1776 safety standards and features motor thermal overload protection, a rupture disk attached to the heating coil, 24-inch hose guard, magnetic starter, and water-resistant electrical control box.

Recessed pockets in fuel tank allow for storage of spare parts, nozzle, cleaner, and even a can of pop.



*Patent No. 8,496,188 B2

| Model # | Part # | GPM | PSI | Pump RPM | Motor HP | Volts | Phase | Amps | Ship Wt (lbs) |
|-------------|-------------|-----|------|----------|----------|-------|-------|------|---------------|
| PHW3-11024D | 1.109-078.0 | 2.8 | 1000 | 1725 | 2.0 | 120 | 1 | 20 | 590 |
| PHW4-22024A | 1.109-079.0 | 4.0 | 2200 | 1025 | 6.2 | 230 | 1 | 29 | 625 |
| PHW4-22024B | 1.109-080.0 | 4.0 | 2200 | 1025 | 6.2 | 230 | 3 | 19 | 610 |
| PHW4-22024C | 1.109-081.0 | 4.0 | 2200 | 1025 | 6.2 | 460 | 3 | 11 | 615 |
| PHW4-22024F | 1.109-082.0 | 3.5 | 2200 | 940 | 5.0 | 575 | 3 | 10 | 615 |
| PHW4-22024G | 1.109-083.0 | 4.0 | 2200 | 1025 | 6.2 | 208 | 1 | 31 | 625 |
| PHW4-22024H | 1.109-084.0 | 4.0 | 2200 | 1025 | 6.2 | 208 | 3 | 21 | 610 |
| PHW4-30024A | 1.109-085.0 | 3.9 | 3000 | 975 | 8.2 | 230 | 1 | 38 | 640 |
| PHW4-30024B | 1.109-086.0 | 3.9 | 3000 | 975 | 8.2 | 230 | 3 | 24 | 625 |
| PHW4-30024C | 1.109-087.0 | 3.9 | 3000 | 975 | 8.2 | 460 | 3 | 12 | 635 |
| PHW4-30024F | 1.109-088.0 | 3.5 | 3000 | 975 | 7.5 | 575 | 3 | 12 | 635 |
| PHW4-30024G | 1.109-089.0 | 3.9 | 3000 | 975 | 8.2 | 208 | 1 | 40 | 640 |
| PHW4-30024H | 1.109-090.0 | 3.9 | 3000 | 975 | 8.2 | 208 | 3 | 26 | 625 |
| PHW5-30024B | 1.109-091.0 | 4.8 | 3000 | 1500 | 10.0 | 230 | 3 | 30 | 625 |
| PHW5-30024C | 1.109-092.0 | 4.8 | 3000 | 1500 | 10.0 | 460 | 3 | 16 | 635 |

Distributed by:



1150 Davis Road, Suite J ■ Elgin, IL 60123
(800) 788-8867 ■ info@lorchem.com ■ lorchem.com

We Know How To Get Things **CLEAN**

Field Installed Options & Accessories

| | | | |
|-------------|------------------------------------|-------------|---|
| 8.917-509.0 | LanCom Wireless Remote Control Kit | 8.754-435.0 | 13" Flat-Free Tire (qty 1) |
| | | 8.917-683.0 | Steam Combo Kit |
| 8.725-709.0 | Additional LanCom Remote | 8.917-714.0 | Lifting Bracket/Hose Reel Platform Only |
| 8.917-817.0 | LanCom Wall Mount Bracket | | |
| 8.917-507.0 | Snap-N-Go Auto Start/Stop Kit | 8.917-713.0 | Lifting Bracket/Hose Reel Platform with E-Zee Reel & Plumbing (holds 100' of 3/8" hose, not included) |
| 8.917-508.0 | Snap-N-Go Time Delay Kit | | |
| 8.750-487.0 | Pivot Reel (100' capacity) | | |
| 8.750-477.0 | Non-Pivot Reel (100' capacity) | | |
| 8.917-798.0 | Wheel Kit (2 casters) | | |