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Pureline PL1502

Pureline Pure Pro XL PL1502 Above Ground Pool Pump

Instruction Manual

1. INTRODUCTION

Thank you for choosing the Pureline Pure Pro XL PL1502 Above Ground Pool Pump. This manual provides essential information for the safe installation, operation, and maintenance of your new pool pump. Please read all instructions carefully before installation and use to ensure proper function and longevity of the product.



Image: The Pureline Pure Pro XL PL1502 pump, showing its compact design and key components.

2. SAFETY INFORMATION

WARNING: Failure to follow these instructions can result in serious injury or death.

- **Electrical Safety:** All electrical work must be performed by a qualified electrician and comply with local and national electrical codes.
- **Risk of Electric Shock:** Do not run the pump dry. Do not use an extension cord.
- **Placement:** Install the pump at least 10 feet from the inside walls of a pool.
- **Pool Type:** This pump is designed for use with permanently-installed pools only. Do not use with storable pools.
- **Enclosure Type:** Enclosure Type 3.
- Always disconnect power before servicing the pump.
- Keep children away from the pump and electrical connections.
- Ensure proper grounding to prevent electrical hazards.



LISTED SWIMMING POOL AND SPA PUMP

Model: PL1502

Model Name: Pure Pro XL

Volts: 115 V

Hz: 60

Amps: 12

Hmax: 12M

Qmax: 333L/min (88GPM)

Maximum Water Temperature: 122°F

THERMALLY PROTECTED

MOTEUR À PROTECTION THERMIQUE



5000307

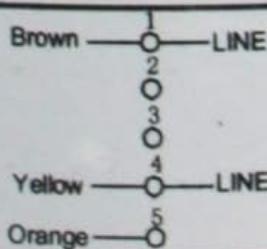
CAUTION:

1. MOTOR MUST BE GROUNDED IN ACCORDANCE WITH LOCAL AND NATIONAL ELECTRICAL CODES.
2. TO PREVENT ELECTRICAL SHOCK OR INJURY, DO NOT RUN PUMP DRY.
3. TO REDUCE THE RISK OF ELECTRIC SHOCK, INSTALL AT LEAST 10 FEET FROM THE INSIDE WALLS OF A POOL. DO NOT USE AN EXTENSION CORD.
4. THIS PUMP IS FOR USE WITH PERMANENTLY-INSTALLED POOLS ONLY-DO NOT USE WITH STORABLE POOLS.
5. ENCLOSURE TYPE 3

ATTENTION :

1. IL FAUT QUE LE MOTEUR SOIT CONTACTÉ À LA TERRE SELON LES RÈGLEMENTS LOCAUX ET INTERNATIONAUX DU CODE DE MACHINE ÉLECTRIQUE.
2. IL EST INTERDIT DE LAISSER LA POMPE D'EAU À FONCTIONNER SANS EAU AFIN D'ÉVITER LE CHOC ÉLECTRIQUE OU DES AUTRES RISQUES.
3. L'INSTALLATION DE POMPE D'EAU DOIT ÊTRE AU MOINS 10 PIEDS DE DISTANCE DU PAROI INTERNE DE PISCINE POUR DIMINUER LE RISQUE DE CHOC ÉLECTRIQUE. N'UTILISER PAS LE CÂBLE ÉLECTRIQUE ALLONGÉ.
4. CE TYPE DE POMPE D'EAU N'EST QU'UTILISÉ DANS LA PISCINE DU TYPE D'INSTALLATION PERMANENTE, IL NE PEUT PAS ÊTRE UTILISÉ DANS LA PISCINE DU TYPE GONFLABLE OU MOBILE.
5. BOÎTIER DE TYPE 3

MOTOR MODEL:DZ QD1153 THERMALLY PROTECTED			
VOLTS: 115	Hz:60	HP:1.5	PH: 1 ENCL: DP
MAX LOAD AMPS: 12	RPM: 3450	SF: 1.0	
FR: 48	INSUL CLASS: F	AMB: 50 °C	TIME RATING: CONT.



NON-REVERSIBLE
USE COPPER CONDUCTORS ONLY.
ACCEPTABLE FOR FIELD WIRING

Image: Product label displaying electrical specifications and critical safety warnings in English and French.

3. PRODUCT FEATURES

- **Corrosion-Proof Construction:** All components are molded from reinforced thermoplastic for durability and long life.
- **Easy Maintenance:** Features a transparent strainer basket cover for easy monitoring and a drain plug for simple winterization.
- **Integrated Cord:** Includes a 115V, 6-foot cord with a 3-prong plug.
- **Quiet Operation:** Designed for quiet and efficient performance.
- **Versatile Application:** Suitable for above-ground pools of all types, including those with in-floor cleaning systems, solar heating systems, and water features.



Same Quality as Hayward, StaRite and Pentair

Extra Large Clear Lid



Image: Detailed view of the pump highlighting the extra-large clear lid, 1.5" ports, and 6' cord.

4. SPECIFICATIONS

Feature	Specification
Model Number	PL1502
Horsepower (HP)	1.5 HP
Speed	Single Speed
Voltage	115 Volts
Amperage	12 Amps
Port Size	1-1/2 inches
Cord Type	3-prong plug
Cord Length	6 feet
Maximum Flow Rate	65 Gallons Per Minute (GPM)
Maximum Lifting Height	6 Feet
Product Dimensions (L x W x H)	9.5" x 6.5" x 6.7"
Item Weight	26 Pounds
Material	Reinforced Thermoplastic



Image: Diagram showing the dimensions of the Pureline Pure Pro XL PL1502 pump.

5. SETUP AND INSTALLATION

Proper installation is crucial for the pump's performance and safety. Refer to local and national electrical and plumbing codes.

- Location:** Place the pump on a firm, level surface, at least 10 feet from the pool's edge. Ensure adequate ventilation and protection from direct sunlight and harsh weather.
- Mounting:** Secure the pump to the mounting surface to prevent movement and vibration.
- Plumbing Connections:** Connect the pump to your pool's filtration system using 1-1/2 inch plumbing. Ensure all connections are tight to prevent leaks. The top discharge design is compatible with most filters.
- Electrical Connection:** Connect the 3-prong plug to a properly grounded 115V electrical outlet. **Do not use extension cords.** Ensure the circuit is protected by a Ground Fault Circuit Interrupter (GFCI).
- Priming the Pump:** Before starting, ensure the pump is filled with water. Remove the transparent strainer basket cover, fill the basket with water, and replace the cover securely.



Image: Side view of the Pureline Pure Pro XL PL1502 pump, showing the motor and wet end assembly.

6. OPERATING INSTRUCTIONS

Once installed and primed, operating the pump is straightforward.

- Initial Start-up:** After priming, turn on the power to the pump. The pump should start drawing water and circulating it through the filter system.
- Monitoring:** Observe the transparent strainer basket cover to ensure water flow and check for air bubbles, which may indicate a leak in the suction line.
- Run Time:** The optimal run time for your pool pump depends on pool size, usage, and environmental factors. Consult your pool professional or local guidelines for recommended daily run times to ensure proper filtration.
- Shutting Down:** To turn off the pump, simply disconnect power at the switch or circuit breaker.

7. MAINTENANCE

Regular maintenance ensures efficient operation and extends the life of your pump.

- Strainer Basket Cleaning:** The transparent strainer basket cover allows you to see when the basket needs cleaning. Turn off the pump, remove the cover, empty debris from the basket, and rinse it. Replace the basket and

cover securely, ensuring the O-ring is properly seated.

- **Winterization:** Before freezing temperatures arrive, drain the pump completely. Use the drain plug for easy water removal. Store the pump in a dry, protected area if possible, or ensure it is fully drained and protected from freezing.
- **Seal Inspection:** Periodically inspect the pump seals for any signs of wear or leaks. Replace worn seals promptly to prevent damage to the motor.
- **General Cleaning:** Keep the exterior of the pump clean and free of debris to ensure proper ventilation.

8. TROUBLESHOOTING

If you encounter issues with your pump, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Pump does not start	No power, tripped breaker/GFCI, motor issue	Check power supply, reset breaker/GFCI. If motor hums but doesn't start, consult a technician.
Pump runs but no water flow	Pump not primed, clogged strainer basket, air leak in suction line	Re-prime the pump. Clean strainer basket. Check all suction line connections for leaks.
Low water flow	Clogged basket, dirty filter, partially closed valve	Clean strainer basket. Backwash or clean filter. Ensure all valves are fully open.
Pump is noisy	Air leak, cavitation, worn bearings	Check for air leaks in suction line. Ensure pump is adequately primed. If noise persists, motor bearings may be worn; consult a professional.
Water leaking from pump	Loose connections, worn shaft seal, cracked housing	Tighten plumbing connections. Inspect and replace shaft seal if worn. If housing is cracked, pump replacement may be necessary.

9. WARRANTY AND SUPPORT

For warranty information or technical support, please contact Pureline customer service. Keep your purchase receipt and model number (PL1502) handy when contacting support.

Manufacturer: Pureline

For further assistance, visit the official Pureline website or contact their customer support channels.