

OPERATION AND MAINTENANCE

How do I maintain my PureStar system?

To maintain the optimal performance of your AquaStar PureStar system, a few key steps are important. The system is designed with a self-cleaning ability, reducing the need for frequent manual cleaning. However, it is advisable to occasionally check the system for any debris or obstructions that could affect its operation.

For detailed procedures on maintenance tasks like removal, cleaning, and reinstallation, please refer to the "PureStar Module Installation and Maintenance" section in the user manual. This will provide you with step-by-step instructions to ensure that your PureStar system stays in excellent condition.

If you encounter any technical difficulties or have specific questions, AquaStar Technical Support is available to assist you.

How much space does the PureStar system require?

The AquaStar PureStar system is designed for ease of installation and minimal space requirement. It only needs 18 inches of horizontal plumbing to integrate into your existing pool equipment setup. For more precise dimensions and layout configurations, please refer to the user manual. This makes it a convenient choice for pool owners looking to optimize their equipment area.

How do I winterize my PureStar system?

If you reside in an area where temperatures drop below freezing, it's crucial to winterize your PureStar system to prevent freeze damage. Follow these steps:

1. Turn off the power to your pool pump at the circuit breaker.
2. Unplug the PureStar unit from its 120V GFCI protected outlet.
3. Release any built-up pressure in your plumbing by opening the air relief valve on your filtration system.
4. Loosen the union nuts and carefully remove the PureStar module from its position between the union fittings.
5. Install the "Blank Tube" in the place of the PureStar unit and tighten the union nuts.
6. Store the removed PureStar unit indoors, away from exposure to harsh winter elements.
7. Proceed with your standard pool winterizing procedures.

OPERATION

Is PureStar suitable for indoor pools?

No, the ozone system must only be installed in outdoor locations or indoor locations with forced air ventilation in accordance with ASHRAE Standard 62.1 2013.

What kind of water flow rate is optimal for PureStar?

The optimal water flow rate for the AquaStar PureStar system is determined by various factors such as pool size and pump capacity. However, it is important to note that the PureStar system has a maximum flow rate of 100 GPM (Gallons Per Minute). The system's variable flow restrictor adjusts to your system's flow rate to minimize pressure drop and save energy when

used with a variable speed pump. For pools up to 40,000 gallons, the PureStar is effective and efficient. Please consult the product manual for additional details.

What should I do if the system is emitting a loud noise during operation?

If you hear an unusual or loud noise coming from your PureStar system, it could be indicative of issues like by-pass valve obstruction or electric valve failure. To safely troubleshoot the issue, follow these general steps applicable to a variety of pool configurations:

Power Safety: Turn off the power to the pool pump and any related electrical components at the circuit breaker.

System Pressure: To safely work on the system, release any built-up pressure by carefully opening any air relief valves on the filtration system. You may also have additional valves specific to your pool that need to be closed or opened; refer to your pool's specific setup for guidance.

Visual Inspection: Once the system is safe to approach, check for any obvious obstructions, blockages, or signs of wear that could be causing the noise. Pay special attention to the by-pass valve and electrical valves.

Consult the Manual: Review the troubleshooting section in the user manual for potential causes and fixes specific to loud noises. This section may guide you on more specific diagnostic steps or replacement parts if needed.

Professional Assistance: If the issue remains unresolved, contact AquaStar Pool Products Technical Support at (877) 768-2717 for further diagnostic support and guidance.

By following these general steps, you can ensure a safer and more effective troubleshooting process, taking into account the unique aspects of your pool's setup.

What steps should I follow if the unit does not light up?

Check the power cord, GFCI outlet, and the threaded connection to the power supply for possible issues. Refer to the Troubleshooting guide in the user manual for further information.

TROUBLESHOOTING AND MAINTENANCE

How should I handle 'Slow Pulse' light status?

This could be due to high internal vacuum or electrical failure. Refer to the troubleshooting section in the manual for specific guidance.

What do flash error codes indicate?

These codes are crucial for diagnosing issues like power supply failure, valve malfunctions, and system overheating. Refer to the manual for a complete list of codes and corrective actions.

Can I open the enclosure for internal servicing?

No, the enclosure should not be opened as it contains high voltage and no serviceable parts. **ELECTRIC SHOCK HAZARD! DO NOT OPEN ENCLOSURE OR SERVICE INTERNAL PARTS.**

Are there any flammable substances that should be kept away from PureStar?

Absolutely, do not store or use gasoline, chemicals, or other flammable liquids or vapors near this or any other appliance.

SAFETY PRECAUTIONS

What are the key safety guidelines for installing PureStar?

Failure to follow all instructions and warnings can result in serious bodily injury or death. Therefore, it's imperative to read the manual thoroughly before installation and adhere to all federal, state, and local regulations.

What are the key safety guidelines for installing PureStar?

DO NOT INHALE OZONE GAS PRODUCED BY THIS PRODUCT. Short-term inhalation of high concentrations can cause harmful physiological effects. Always install the system in compliance with ASHRAE Standard 62.1 2013, Ventilation for Acceptable Indoor Air Quality.

What do I do if a child tries to operate or tamper with the PureStar unit?

This product is not intended for use by children. Ensure that the unit is installed in a location that is not easily accessible to children to prevent accidental tampering.