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> AquaStar ChemStar CH200 Control Valve CH1065 User Manual

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Model: CH1065

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1. PRODUCT OVERVIEW

The AquaStar ChemStar CH200 Control Valve, model CH1065, is a replacement component designed for use in swimming pool and spa systems. This 1/4-inch control valve is essential for managing the flow within your pool equipment, ensuring proper operation and chemical distribution. It is engineered to maintain the efficiency and longevity of your existing pool setup.



Image of the AquaStar ChemStar CH200 1/4" Control Valve, model CH1065. This image displays the valve's compact design and connection points.

2. SAFETY INFORMATION

Before handling or installing the AquaStar ChemStar CH200 Control Valve, please read and understand all safety instructions. Failure to follow these instructions may result in property damage, serious injury, or death.

- Always disconnect power to all pool equipment before performing any installation or maintenance.
- Wear appropriate personal protective equipment, including safety glasses and gloves.
- Ensure all plumbing connections are secure and watertight to prevent leaks.
- If you are unsure about any installation or maintenance procedure, consult a qualified pool professional.
- Keep children and pets away from the work area during installation and maintenance.

3. SETUP AND INSTALLATION

This section provides general guidelines for installing the AquaStar ChemStar CH200 Control Valve. Specific installation steps may vary based on your existing pool system configuration. Professional installation is recommended.

3.1 Tools Required

- Pipe wrench or channel locks
- PVC primer and cement (if applicable for PVC connections)
- Teflon tape or pipe sealant
- Measuring tape

3.2 Installation Steps

1. **Preparation:** Turn off all power to the pool pump and any associated equipment. Close all relevant shut-off valves to prevent water flow. Drain any water from the plumbing lines where the valve will be installed.
2. **Remove Old Valve (if applicable):** Carefully cut or unscrew the old control valve from the plumbing lines. Clean any debris from the pipe ends.
3. **Dry Fit:** Position the new AquaStar ChemStar CH200 Control Valve in the desired location to ensure proper alignment and fit.
4. **Apply Sealant:** Apply Teflon tape or pipe sealant to the threaded connections of the valve and the plumbing lines. If using PVC cement, follow the manufacturer's instructions for priming and cementing.
5. **Connect Valve:** Securely attach the control valve to the plumbing lines. Hand-tighten first, then use a pipe wrench to tighten connections, being careful not to overtighten and damage the valve or pipes.
6. **Leak Check:** Slowly open the shut-off valves to allow water to flow back into the system. Carefully inspect all connections for leaks. Tighten any leaking connections as needed.
7. **Restore Power:** Once all connections are secure and leak-free, restore power to the pool equipment.

4. OPERATION

The AquaStar ChemStar CH200 Control Valve is a manual valve designed to regulate the flow of water or chemicals within your pool system. Its operation is straightforward:

- **Adjusting Flow:** The valve typically features a handle or knob that can be turned to open, close, or partially restrict the flow.
- **Full Open:** Turn the handle to the fully open position to allow maximum flow through the valve.
- **Full Closed:** Turn the handle to the fully closed position to stop flow through the valve.
- **Partial Flow:** Position the handle between the fully open and closed positions to achieve a desired partial flow rate.

Always refer to your overall pool system's operational guidelines to determine the correct valve settings for specific functions, such as filtration, backwashing, or chemical feeding.

5. MAINTENANCE

Regular maintenance of your AquaStar ChemStar CH200 Control Valve ensures its optimal performance and extends its lifespan.

- **Visual Inspection:** Periodically inspect the valve for any signs of wear, cracks, or leaks. Check connections for tightness.
- **Lubrication:** If the valve becomes stiff or difficult to turn, it may require lubrication. Use a silicone-based lubricant specifically designed for pool and spa equipment. Do not use petroleum-based lubricants, as they can damage O-rings and seals.
- **Cleaning:** If debris accumulates around the valve, gently clean it with a soft brush and water. Avoid using harsh chemicals that could degrade the valve material.

- **Winterization (if applicable):** In colder climates, ensure the valve is properly drained and protected from freezing temperatures during winterization procedures to prevent damage.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your AquaStar ChemStar CH200 Control Valve.

6.1 Leaks at Connections

- **Cause:** Loose connections, damaged O-rings/seals, or improper sealant application.
- **Solution:** Turn off power and water supply. Tighten connections. If leaks persist, disassemble, inspect O-rings/seals for damage, replace if necessary, and reapply Teflon tape or pipe sealant before reassembling.

6.2 Valve Difficult to Turn

- **Cause:** Lack of lubrication, mineral buildup, or worn internal components.
- **Solution:** Turn off power and water supply. Attempt to lubricate the valve's moving parts with a pool-safe silicone lubricant. If the issue persists, the valve may need to be disassembled for cleaning or replacement of internal components.

6.3 Inadequate Flow

- **Cause:** Valve not fully open, obstruction within the valve or plumbing, or issues with other pool equipment.
- **Solution:** Ensure the valve is fully open. Check for any visible obstructions. If the problem continues, inspect other components of your pool system (e.g., pump, filter) for issues.

7. SPECIFICATIONS

Feature	Detail
Brand	AquaStar
Model Number	CH1065
Part Number	CH1065
Item Weight	2.4 pounds
Product Dimensions (L x W x H)	1.6 x 1.3 x 0.1 inches
Power Source	Manual
Manufacturer	AQUASTAR POOL PRODUCTS INC.
UPC	883612078748
ASIN	B0CSBYSZJL

8. WARRANTY AND SUPPORT

AquaStar products are manufactured to high-quality standards. For specific warranty information regarding your ChemStar CH200 Control Valve (Model CH1065), please refer to the documentation provided with your purchase or visit the official AquaStar website.

If you require technical assistance, have questions about installation, or need to report a defect, please

contact AquaStar customer support directly. When contacting support, have your product model number (CH1065) and purchase information readily available.

Manufacturer Contact: Please refer to the manufacturer's official website or product packaging for the most current contact information.