Pentair 261185

Pentair 261185 2-Inch 6-Way Clamp Style Valve Instruction Manual

Replacement Valve for Tagelus Pool and Spa Sand Filters

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of the Pentair 261185 2-Inch 6-Way Clamp Style Valve. This valve is designed as a replacement part for Pentair Tagelus Pool and Spa Sand Filters, ensuring proper filtration and water circulation for your pool or spa system.
Please read this manual thoroughly before attempting any installation or operation to ensure safe and efficient use of the product.

2. Safety Information

WARNING:

- Always disconnect power to the pump before servicing the valve or filter system.
- Ensure all plumbing connections are secure and leak-free before operating the system.
- Do not operate the filter system if any part is damaged or missing.
- Maintain proper water chemistry to prevent damage to pool equipment and ensure safe swimming conditions.
- Consult a qualified pool professional if you are unsure about any installation or maintenance procedures.

This valve operates under pressure. Improper installation or use can result in serious injury or property damage.

3. Setup and Installation

The Pentair 261185 valve is a direct replacement for existing 2-inch 6-way clamp style valves on Tagelus Sand Filters. Follow these steps for proper installation:

1. **Prepare the Filter:** Turn off the pool pump and close all necessary valves to isolate the filter system. Drain the filter tank if required.
2. **Remove Old Valve:** Carefully remove the clamp band securing the old valve to the filter tank. Disconnect all plumbing from the old valve.

3. **Inspect Components:** Inspect the filter tank's top opening and the new valve's O-ring for any debris or damage. Ensure the O-ring is properly seated on the new valve.
4. **Position New Valve:** Place the new Pentair 261185 valve onto the filter tank, aligning the valve's ports with your existing plumbing. Ensure the valve is seated squarely on the tank.
5. **Secure with Clamp:** Install the clamp band around the valve and filter tank flange. Tighten the clamp band evenly using a wrench, ensuring a secure and leak-proof seal. Do not overtighten.
6. **Connect Plumbing:** Reconnect the plumbing lines to the appropriate ports on the valve. The ports are typically labeled: PUMP (from pump), RETURN (to pool), and WASTE (to waste line). Ensure all connections are hand-tightened and then secured with appropriate pipe sealants if necessary, especially for threaded connections.
7. **Install Pressure Gauge:** Screw the pressure gauge into the designated port on the valve.



Image: The Pentair 261185 6-Way Clamp Style Valve, shown with the included pressure gauge and clamp band. This view highlights the main body of the valve, the handle, and the various ports for plumbing connections.



Image: Another perspective of the Pentair 261185 valve, showcasing the valve body, handle, and the separate clamp band and pressure gauge components. This angle provides a clearer view of the valve's overall shape and the connection points.

4. Operating the 6-Way Valve

The 6-way valve allows for various filter operations. To change valve positions, always turn off the pump first. Press down on the handle and rotate it to the desired position. Release the handle to lock it into place.



Image: Top-down view of the Pentair 261185 valve's control head, clearly showing the labels for each of the six operational settings: FILTER, WINTERIZE, WASTE, CLOSED, BACKWASH, RINSE, and RECIRCULATE. The handle is positioned for selection.

- **FILTER:** This is the normal operating position for filtering pool water. Water flows from the pump, through the filter media, and back to the pool.
- **BACKWASH:** Used for cleaning the filter media. Water flows in reverse through the filter, dislodging trapped debris, and is then directed to the waste line. Always backwash until the water in the sight glass (if present) runs clear.
- **RINSE:** Used after backwashing to flush any remaining dirty water from the filter and settle the sand bed. Water flows through the filter and out the waste line. Rinse for 30-60 seconds.
- **WASTE:** Bypasses the filter and sends water directly from the pump to the waste line. Useful for vacuuming heavy debris directly to waste or lowering the pool water level.
- **RECIRCULATE:** Bypasses the filter and circulates water directly back to the pool. Useful for mixing chemicals

without filtering.

- **CLOSED:** Shuts off all flow through the valve. Use only when servicing the pump or filter, and ensure the pump is off.
- **WINTERIZE:** Position for draining the valve and filter for winterization, preventing freeze damage.

5. Maintenance

Regular maintenance ensures the longevity and optimal performance of your Pentair valve and filter system.

- **Backwashing:** Backwash your filter regularly, typically when the pressure gauge reads 8-10 PSI above its clean operating pressure.
- **O-Ring Inspection:** Periodically inspect the valve's O-ring for cracks or wear. Replace if necessary to prevent leaks.
- **Lubrication:** If the handle becomes stiff, apply a silicone-based lubricant (safe for pool equipment) to the valve's internal moving parts.
- **Winterization:** In cold climates, ensure the valve and filter are properly drained and winterized to prevent freeze damage. Set the valve to the "WINTERIZE" position.

6. Troubleshooting

Problem	Possible Cause	Solution
Water leaking from valve handle or top.	Worn or damaged internal O-rings/gaskets.	Replace internal valve gaskets or O-rings. Consult a professional if unsure.
Water leaking from clamp band area.	Improperly seated valve or damaged tank O-ring/gasket. Loose clamp band.	Ensure valve is seated correctly. Inspect and replace tank O-ring if damaged. Tighten clamp band evenly.
Low flow or high pressure.	Dirty filter media. Partially closed valve.	Backwash and rinse the filter. Ensure valve is fully in the "FILTER" position. Check pump and skimmer baskets for clogs.
Valve handle is stiff or hard to turn.	Lack of lubrication or debris.	Turn off pump. Press down on handle and try to rotate. If still stiff, apply silicone-based lubricant to the handle shaft.

7. Specifications

- **Model Number:** 261185
- **Valve Type:** 6-Way Clamp Style
- **Port Size:** 2-Inch
- **Compatibility:** Pentair Tagelus Pool and Spa Sand Filters
- **Product Dimensions:** 15.1 x 9.2 x 8.6 inches
- **Item Weight:** 8.46 pounds
- **Manufacturer:** Pentair

8. Warranty and Support

For warranty information or technical support, please contact Pentair customer service or visit their official website. Keep your purchase receipt as proof of purchase.
You can find more information and products from Pentair by visiting thePentair Store on Amazon.

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