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## LASCO 1429-007

### LASCO 1429-007 3/4-inch PVC Insert Coupling Instruction Manual

Model: 1429-007

## INTRODUCTION

This manual provides essential instructions for the proper installation, operation, and maintenance of your LASCO 1429-007 3/4-inch PVC Insert Coupling. Please read this manual thoroughly before use to ensure safe and effective application.

The LASCO 1429-007 is a Schedule 40 PVC insert coupling designed for connecting 3/4-inch pipes. It is suitable for various plumbing and irrigation applications within specified pressure and temperature limits.

## SAFETY INFORMATION

- Always wear appropriate personal protective equipment (PPE), such as safety glasses and gloves, during installation.
- Ensure the system is depressurized before attempting any installation or maintenance.
- Do not exceed the maximum operating pressure of 200 psi.
- Do not expose the coupling to temperatures outside the range of 32°F to 140°F (0°C to 60°C).
- Verify compatibility with the fluids being conveyed.

## PRODUCT OVERVIEW

The LASCO 1429-007 is a simple, durable PVC insert coupling. It features a barb design on both ends for secure connection with flexible piping, typically secured with clamps.



**Figure 1:** LASCO 1429-007 3/4-inch PVC Insert Coupling. This image displays the black PVC coupling with ribbed barb ends designed for secure pipe insertion and clamping.

## SETUP AND INSTALLATION

This section outlines the steps for installing the LASCO 1429-007 PVC Insert Coupling.

### Required Tools and Materials:

- Pipe cutter or saw
- Measuring tape
- Appropriate clamps (e.g., stainless steel hose clamps) for 3/4-inch pipe
- Screwdriver or nut driver for clamps
- Lubricant (optional, e.g., silicone grease or soapy water)

## Installation Steps:

1. **Prepare Pipes:** Ensure the ends of the pipes to be joined are clean, free of debris, and cut squarely.
2. **Apply Lubricant (Optional):** For easier insertion, apply a small amount of lubricant (e.g., silicone grease or soapy water) to the barb ends of the coupling and the inside of the pipe ends.
3. **Insert Coupling:** Firmly push one end of the 3/4-inch pipe onto one barb end of the coupling until it is fully seated against the stop.
4. **Secure with Clamp:** Slide a clamp over the pipe and position it directly over the barb section of the coupling. Tighten the clamp securely using a screwdriver or nut driver. Do not overtighten, as this can damage the pipe or coupling.
5. **Repeat for Second Pipe:** Repeat steps 3 and 4 for the second pipe, connecting it to the other end of the coupling.
6. **Inspect Connections:** Visually inspect both connections to ensure the pipes are fully seated and the clamps are properly tightened.

## OPERATING GUIDELINES

Once installed, the LASCO 1429-007 coupling operates passively as a pipe connector. Adhere to the following guidelines for optimal performance:

- **Pressure Limits:** Do not operate the system at pressures exceeding 200 psi.
- **Temperature Limits:** Maintain fluid temperatures between 32°F and 140°F (0°C and 60°C).
- **Chemical Compatibility:** Ensure that the fluids passing through the coupling are compatible with PVC materials to prevent degradation.
- **System Start-up:** Gradually increase system pressure after installation to check for leaks.

## MAINTENANCE

The LASCO 1429-007 PVC Insert Coupling requires minimal maintenance. Regular inspection is recommended.

- **Periodic Inspection:** Periodically check the coupling and surrounding pipe for any signs of leaks, cracks, or damage.
- **Clamp Tightness:** Ensure that the clamps remain securely tightened. Retighten if necessary, but avoid overtightening.
- **Cleaning:** If exposed to dirt or debris, clean the exterior of the coupling with mild soap and water. Avoid harsh chemicals that may degrade PVC.

## TROUBLESHOOTING

This section addresses common issues that may arise with the LASCO 1429-007 coupling.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Leakage at connection point	<ul style="list-style-type: none"> <li>◦ Improperly seated pipe</li> <li>◦ Loose or damaged clamp</li> <li>◦ Damaged coupling or pipe end</li> <li>◦ Excessive pressure</li> </ul>	<ul style="list-style-type: none"> <li>◦ Depressurize system, re-seat pipe fully.</li> <li>◦ Tighten or replace clamp.</li> <li>◦ Inspect and replace damaged components.</li> <li>◦ Verify system pressure is within limits.</li> </ul>
Difficulty inserting pipe	<ul style="list-style-type: none"> <li>◦ No lubricant used</li> <li>◦ Pipe end not cut squarely</li> </ul>	<ul style="list-style-type: none"> <li>◦ Apply a suitable lubricant.</li> <li>◦ Re-cut pipe end squarely.</li> </ul>

## SPECIFICATIONS

Feature	Detail
Model Number	1429-007
Brand	LASCO
Type	Insert Coupling
Material	PVC, Schedule 40
Pipe Size	3/4 inch
Barb Size	3/4 inch
Maximum Operating Pressure	200 psi
Operating Temperature Range	32°F to 140°F (0°C to 60°C)
Overall Length	Approximately 3.25 inches (3 1/4 in)
Dimensions (L x W x H)	3.3 x 0.8 x 0.8 inches
Item Weight	1 pound
UPC	025528723316

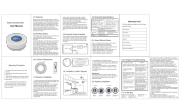
## WARRANTY AND SUPPORT

For specific warranty information or technical support regarding your LASCO 1429-007 PVC Insert Coupling, please refer to the official LASCO FITTINGS INC documentation or contact their customer service directly.

As this product is a component, warranty terms typically cover manufacturing defects. Keep your purchase receipt for warranty claims.

For further assistance, visit the [LASCO brand page on Amazon](#) or the manufacturer's official website.

## Related Documents - 1429-007

<b>TONSTAD</b>  <small>IKEA Foto and Supply www.IKEA.com</small>	<p><a href="#">TONSTAD Extendable Table Assembly Instructions</a></p> <p>Step-by-step assembly guide for the IKEA TONSTAD extendable table, featuring a detailed parts list and clear instructions for building the furniture.</p>
 <small>WATTS</small>	<p><a href="#">Watts 007-SS-LBS Stainless Steel Double Check Valve Technical Data</a></p> <p>Technical data sheet for the Watts 007-SS-LBS Silver Stallion Stainless Steel Double Check Valve Kit, featuring dimensions, product codes, technical specifications, and characteristic curves for water supply protection.</p>
 <small>14.4-20V MAX WIRELESS BLUETOOTH® SPEAKER</small>	<p><a href="#">YXDZ-007 Series Battery Powered Bluetooth Speaker User Manual</a></p> <p>User manual for the YXDZ-007 series battery-powered Bluetooth speaker, covering safety instructions, operation, pairing, and technical specifications.</p>
 <small>APRENDE A DECORAR MÁS PARA BOSQUES DE PISCINA, BODEGAS, PÓRTICOS Y ALMACÉNS DE PISCINA</small>	<p><a href="#">Valspar Heat Relief Technology: Cool Surfaces for Decks, Patios &amp; Walkways</a></p> <p>Discover Valspar's Heat Relief Technology for exterior paints that keep pool decks, walkways, porches, and patios cooler on hot days. Learn about product features, application, and color options.</p>
 <small>INSTRUCCIONES DE USO</small>	<p><a href="#">Carbon Monoxide Alarm User Manual - PA-007</a></p> <p>Comprehensive user manual for the SZ PGST CO., LTD PA-007 Carbon Monoxide Alarm. Learn about features, specifications, installation, troubleshooting, and maintenance for your CO detector.</p>
 <small>PC Wireless Game Controller User's Manual PCJ-2356</small>	<p><a href="#">PC Wireless Game Controller User Manual</a></p> <p>User manual for the PC Wireless Game Controller, model PCJ-2356. Includes product information, key functions, operating instructions, and product specifications.</p>