

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

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

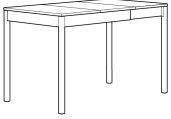






WARRANTY AND SUPPORT

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

<p>TONSTAD</p>  	<p>TONSTAD Extendable Table Assembly Instructions</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>
	<p>Watts 007-SS-LBS Stainless Steel Double Check Valve Technical Data</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>
<p>YXDZ-007 series</p> <p>BATTERY POWERED BLUETOOTH® SPEAKER</p>  <p>14.4-20V MAX WIRELESS BLUETOOTH® SPEAKER</p>	<p>YXDZ-007 Series Battery Powered Bluetooth Speaker User Manual</p> <p>User manual for the YXDZ-007 series battery-powered Bluetooth speaker, covering safety instructions, operation, pairing, and technical specifications.</p>
	<p>Valspar Heat Relief Technology: Cool Surfaces for Decks, Patios & Walkways</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>
	<p>Carbon Monoxide Alarm User Manual - PA-007</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>
	<p>PC Wireless Game Controller User Manual</p> <p>User manual for the PC Wireless Game Controller, model PCJ-2356. Includes product information, key functions, operating instructions, and product specifications.</p>