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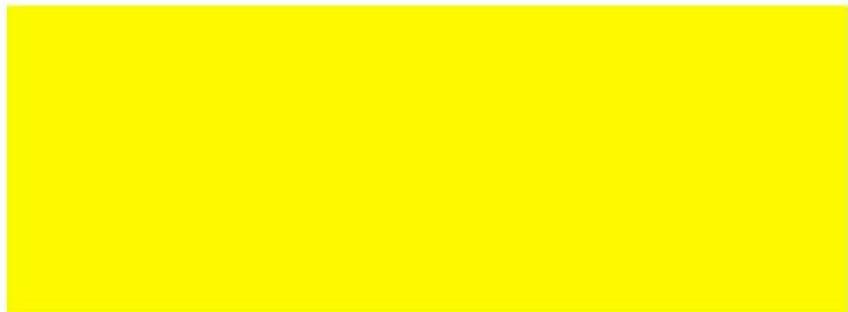
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Viega 79185

Viega Propress 90 Drop Ear Elbow User Manual

MODEL: 79185



This image displays the Viega Propress 90 Drop Ear Elbow, a plumbing fitting designed for secure and efficient pipe connections. It features a 90-degree bend and a drop ear for mounting, ensuring a stable installation. The fitting is part of the Zero Lead series, indicating compliance with lead-free standards.

Introduction

This manual provides essential information for the proper installation, use, and maintenance of the Viega Propress 90 Drop Ear Elbow, Model 79185. This fitting is designed for use in potable water systems and other applications where a secure, lead-free connection is required. Adherence to these instructions will ensure optimal performance and longevity of the product.

Safety Information

- Always wear appropriate personal protective equipment (PPE), including safety glasses and gloves, during installation.
- Ensure the plumbing system is depressurized and drained before beginning any work.
- Use only Viega-approved pressing tools and jaws for Propress connections.
- Consult local plumbing codes and regulations for proper installation practices.
- Keep children and unauthorized personnel away from the work area.

Components and Features

The Viega Propress 90 Drop Ear Elbow (Model 79185) is a high-quality plumbing fitting characterized by:

- **Propress Technology:** Enables fast, flameless, and secure connections.
- **90-Degree Bend:** Ideal for changing pipe direction in tight spaces.
- **Drop Ear Design:** Features an integrated mounting tab with holes for secure attachment to structural elements, preventing pipe movement and reducing stress on connections.
- **Zero Lead Material:** Constructed from lead-free material, making it suitable for potable water applications and compliant with relevant health standards.
- **EPDM Sealing Element:** Equipped with a durable EPDM sealing element for reliable, leak-proof connections.

Setup and Installation

Follow these steps for a successful Viega Propress connection:

1. Pipe Preparation:

- Cut the pipe squarely to the desired length.
- Deburr the inside and outside of the pipe end to remove any sharp edges or burrs.
- Clean the pipe end thoroughly to remove any dirt, grease, or debris.

2. Fitting Insertion:

- Ensure the sealing element is properly seated within the fitting.
- Insert the prepared pipe end fully into the Propress fitting until it reaches the pipe stop. Verify that the pipe is visible through the inspection hole (if present) to confirm full insertion.

3. Pressing:

- Open the jaws of the Viega Propress tool and place them squarely over the fitting's bead.
- Activate the pressing tool. The tool will cycle automatically, pressing the fitting onto the pipe.
- Once the pressing cycle is complete, the tool will release. Remove the tool from the fitting.

4. Visual Inspection:

- Visually inspect the pressed connection to ensure the fitting is properly crimped and the pipe is securely joined.

5. Mounting (Drop Ear):

- Secure the drop ear tab to a suitable structural element using appropriate fasteners (not included) to provide stability and support for the piping.

Functionality and Post-Installation Check

Once installed, the Viega Propress 90 Drop Ear Elbow functions as a permanent, leak-proof connection within your plumbing system. After installation, it is crucial to perform a system pressure test to confirm the integrity of all connections before putting the system into full operation.

- **Pressure Testing:** Gradually pressurize the system to the recommended operating pressure.
- **Leak Detection:** Carefully inspect all connections for any signs of leaks. Address any leaks immediately by depressurizing the system and re-pressing the fitting if necessary, or replacing it if damaged.

Maintenance

Viega Propress fittings are designed for long-term, maintenance-free operation once properly installed. However, regular inspection of your plumbing system is recommended:

- **Periodic Visual Inspection:** Periodically check all visible connections for any signs of corrosion, damage, or leaks.
- **System Health:** Ensure the overall plumbing system is operating within its design parameters (e.g., pressure, temperature) to prevent undue stress on fittings.

Troubleshooting

Most issues with Propress fittings arise from improper installation. If a leak occurs:

• Leak at Connection:

- **Cause:** Improper pipe preparation (not deburred, dirty), incomplete pipe insertion, or incorrect pressing tool/jaws.
- **Solution:** Depressurize the system. If the fitting was not fully pressed, it may be possible to re-press it with the correct tool. If the pipe was not fully inserted or damaged, the fitting and potentially the pipe section may need to be replaced. Always ensure proper pipe preparation and full insertion.

• Damaged Fitting:

- **Cause:** Physical impact, excessive stress, or incorrect handling.
- **Solution:** Depressurize the system and replace the damaged fitting.

For persistent issues, contact a qualified plumbing professional.

Specifications

| Attribute | Value |
|----------------|--|
| Brand | Viega |
| Model Number | 79185 |
| Connector Type | Elbow (90 Degree Drop Ear) |
| Material | Zero Lead (compliant with lead-free standards) |
| Item Weight | 1.12 ounces |
| Manufacturer | Viega |

Warranty and Support

For detailed warranty information regarding your Viega ProPress 90 Drop Ear Elbow, please refer to the official Viega website or contact Viega customer service directly. Warranty terms typically cover manufacturing defects under normal use conditions.

For technical support, installation guidance, or to report an issue, please contact Viega customer support through their official channels. Always provide your product model number (79185) when seeking support.

Note: This manual is intended as a guide. Always consult a qualified professional for complex installations or if you are unsure about any procedure.