

TIMCO 733300

TIMCO MDPE Pipe Fittings Copper Adaptor - 20 x 15mm Instruction Manual

Model: 733300

1. INTRODUCTION

This instruction manual provides essential information for the safe and effective installation, operation, and maintenance of your TIMCO MDPE Pipe Fittings Copper Adaptor. Please read this manual thoroughly before installation and retain it for future reference.

2. PRODUCT OVERVIEW

The TIMCO MDPE Pipe Fittings Copper Adaptor is designed to create a secure and reliable connection between MDPE (Medium-Density Polyethylene) pipe and standard copper pipework. This adaptor is suitable for potable water applications and is WRAS approved.



Image showing the TIMCO MDPE Pipe Fittings Copper Adaptor, illustrating its design for connecting MDPE pipe to copper pipework.

Key Features:

- Simple push-in and turn connection mechanism.
- No special tools required for installation.
- WRAS approved for potable water and to ISO 17906 standards.

3. SAFETY INFORMATION

Always observe general plumbing safety practices when installing this product. Ensure the water supply is turned off before commencing any work. Wear appropriate personal protective equipment (PPE) such as gloves and eye protection. If you are unsure about any aspect of the installation, consult a qualified plumber.

- **Pressure Rating:** Ensure the adaptor is used within the specified pressure limits of your plumbing system.
- **Temperature Rating:** Do not expose the adaptor to temperatures exceeding its design limits.

- **Chemical Compatibility:** Avoid contact with chemicals that may degrade the materials of the adaptor.

4. SETUP AND INSTALLATION

The TIMCO MDPE Pipe Fittings Copper Adaptor is designed for straightforward installation without the need for specialized tools. Follow these steps for a secure connection:

1. **Prepare Pipes:** Ensure both the MDPE pipe (20mm) and the copper pipe (15mm) are cut cleanly and squarely. Deburr the edges of the copper pipe to prevent damage to the O-rings.
2. **Clean Pipes:** Wipe the ends of both pipes clean to remove any dirt, debris, or grease.
3. **Insert MDPE Pipe:** Push the 20mm MDPE pipe firmly into the MDPE side of the adaptor until it reaches the internal stop. A slight twisting motion may assist insertion. Ensure the pipe is fully seated.
4. **Insert Copper Pipe:** Push the 15mm copper pipe firmly into the copper side of the adaptor until it reaches the internal stop. Again, a slight twisting motion can help. Ensure the pipe is fully seated.
5. **Secure Connection:** The push-fit mechanism creates a secure seal. For added assurance, gently pull on both pipes to confirm they are firmly held by the adaptor.
6. **Check for Leaks:** Once the water supply is restored, carefully inspect the connection for any signs of leakage.

Note: Some users have reported that partially disassembling the fitting may be necessary for easier pipe insertion. If you choose this method, ensure all components are correctly reassembled and tightened to prevent leaks. The use of PTFE tape on the copper side is generally not required for push-fit connections but can be used as an additional measure if a leak persists after proper installation.

5. OPERATION

Once correctly installed, the TIMCO MDPE Pipe Fittings Copper Adaptor operates passively as a permanent connection within your plumbing system. No ongoing operational adjustments are required.

6. MAINTENANCE

This adaptor requires minimal maintenance. Regular inspection of the connection points is recommended as part of general plumbing system checks.

- **Visual Inspection:** Periodically check the adaptor and surrounding pipework for any signs of wear, corrosion, or leakage.
- **Leak Detection:** If a leak is suspected, turn off the water supply and investigate the connection.
- **Cleaning:** Clean the exterior of the adaptor with a damp cloth if necessary. Do not use harsh chemicals or abrasive cleaners.

7. TROUBLESHOOTING

Issue: Leakage at connection point

- **Cause:** Pipe not fully inserted.
- **Solution:** Turn off water supply. Ensure both MDPE and copper pipes are pushed fully into the adaptor until they reach the internal stop.
- **Cause:** Damaged O-ring or pipe surface.
- **Solution:** Turn off water supply. Disassemble the connection and inspect the O-rings inside the adaptor and the

pipe surfaces for damage. Replace the adaptor if O-rings are damaged or if the pipe surface is severely scored. Ensure copper pipe ends are deburred.

- **Cause:** Incorrect pipe size.
- **Solution:** Verify that 20mm MDPE pipe and 15mm copper pipe are being used.

8. SPECIFICATIONS

Model Number	733300
Size	20mm x 15mm
Material	Copper
Brand	TIMCO
Color	Black
Item Dimensions (L x W x H)	3.5 x 1.69 x 1.3 inches
Connector Type	Adaptor
Exterior Finish	Copper
Item Weight	0.06 Kilograms (2.11 ounces)
Certifications	WRAS approved, ISO 17906

9. WARRANTY AND SUPPORT

For information regarding warranty coverage or technical support, please contact TIMCO directly through their official website or customer service channels. Keep your purchase receipt as proof of purchase.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question