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MIZUDO VP030A0S-B

MIZUDO 3-inch OD Vent Pipe Kit Instruction Manual

Model: VP030A0S-B

Product Overview

The MIZUDO 3-inch OD Vent Pipe Kit is designed for safe and efficient exhaust gas discharge from tankless water heaters. Constructed from high-quality stainless steel, this kit includes an elbow and a chimney rain cap, ensuring durability and protection against environmental elements. It is specifically engineered for horizontal direct vent systems.

Product Specifications

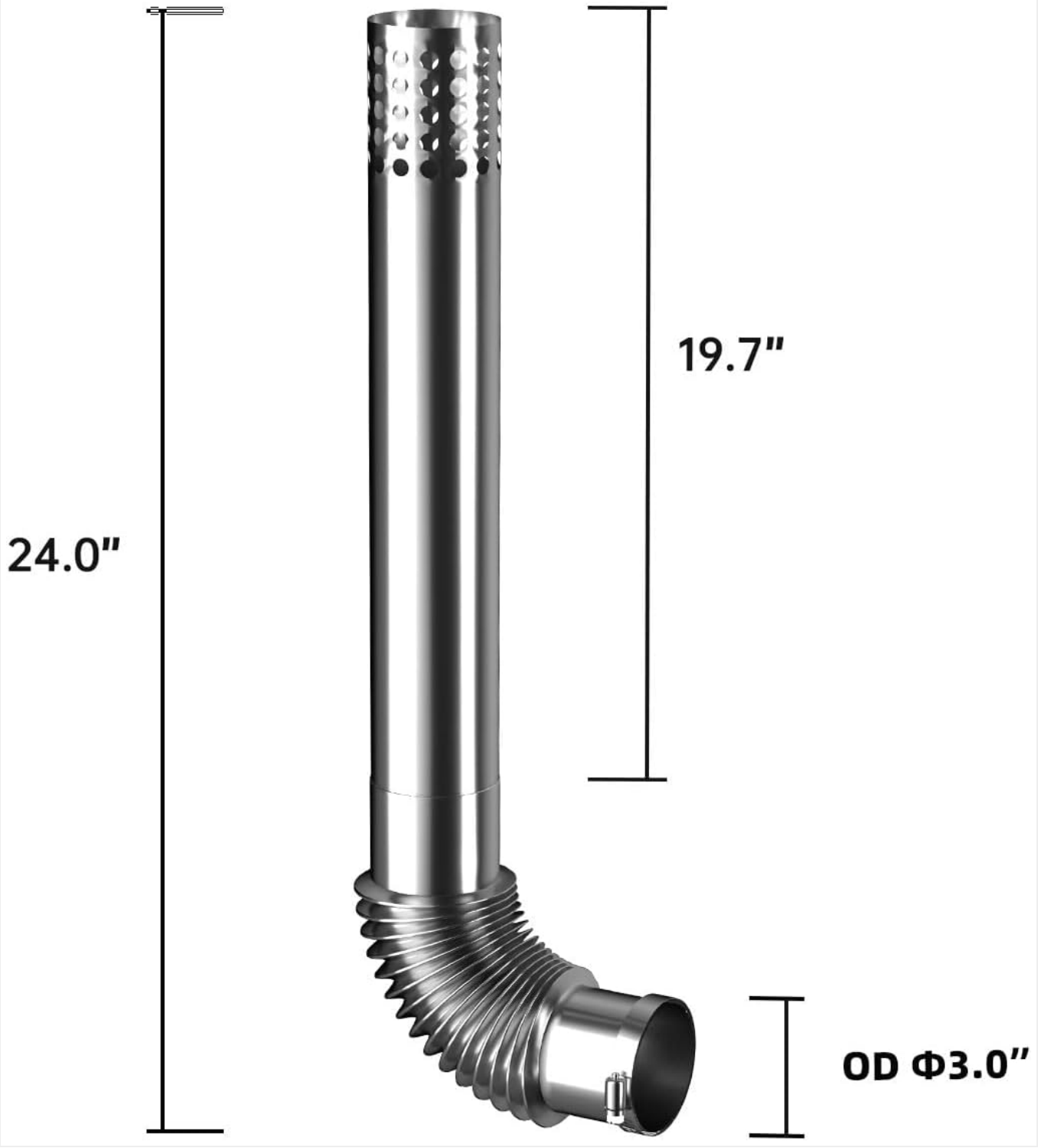


Image: Overview of the MIZUDO 3-inch OD Vent Pipe Kit components, showing the straight pipe, elbow, and wall thimble.

Setup and Installation

Proper installation is crucial for the safe and efficient operation of your tankless water heater. This vent kit is designed for horizontal direct vent systems only. Please follow these instructions carefully.

Compatibility

This vent kit is extensively compatible with most indoor gas water heaters from MIZUDO, Fogatti, and Orbek. Refer to the compatibility chart below for specific models.



Image: A chart detailing the compatibility of the MIZUDO Vent Kit with specific models from MIZUDO, Fogatti, Orbek, Camplux, and Eccotemp.

Installation Type

This system is designed for **horizontal venting only** and is applicable for **direct vent systems**. It is not suitable for vertical venting or traditional chimney vent systems.

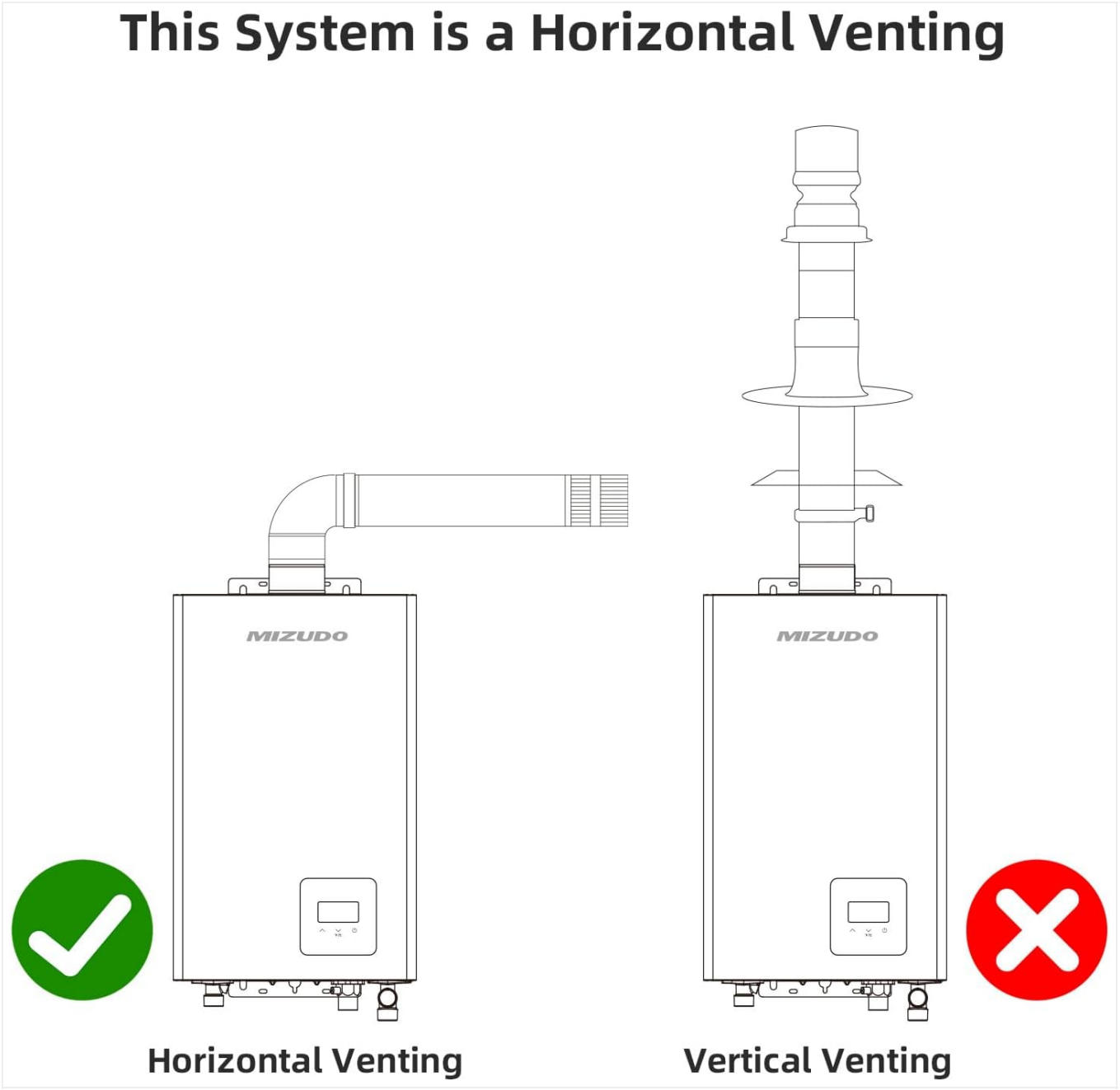


Image: Comparison diagram illustrating the correct horizontal venting setup and an incorrect vertical venting setup for a tankless water heater.

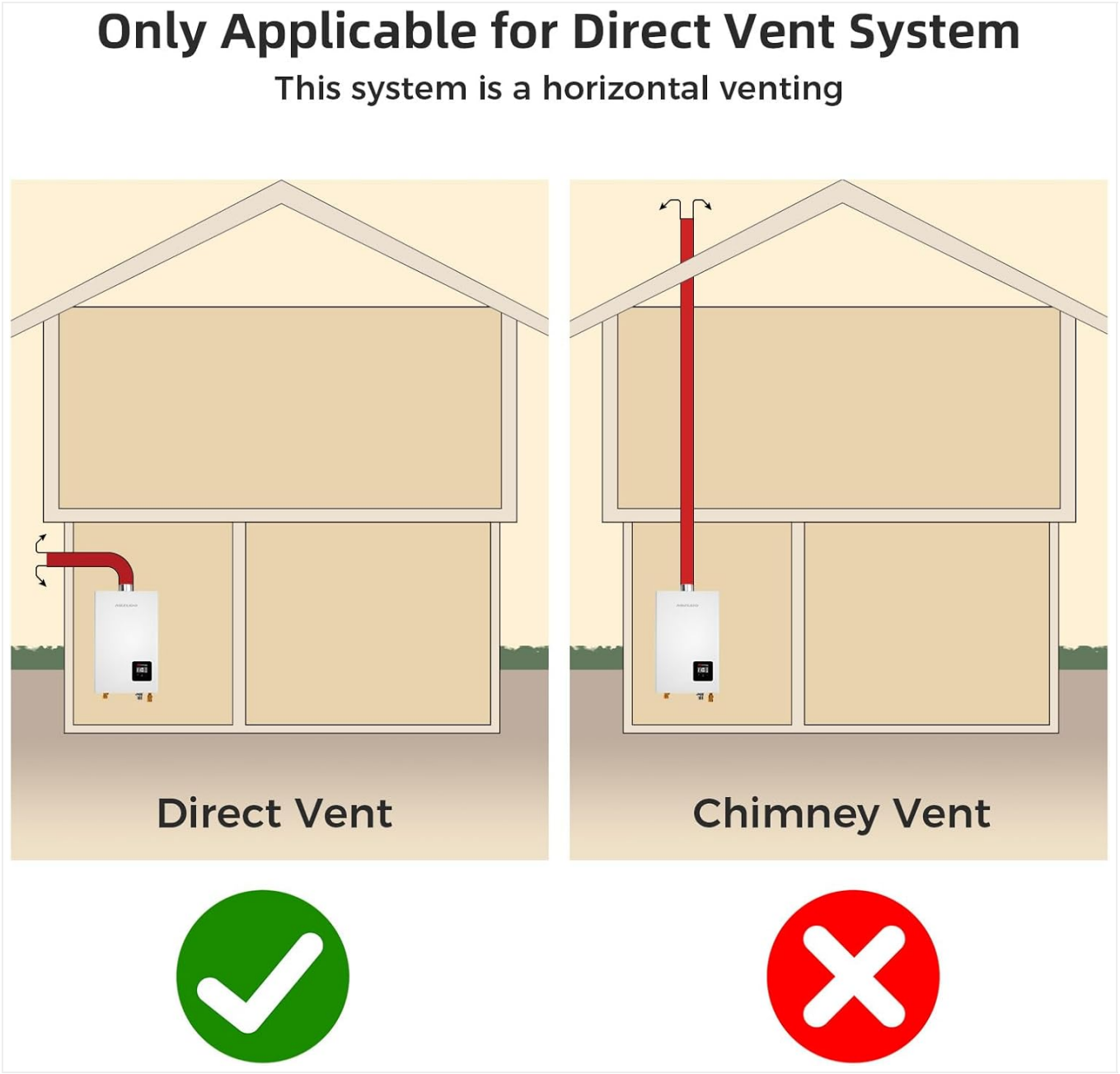


Image: Comparison diagram illustrating the correct direct vent system and an incorrect chimney vent system for a tankless water heater.

Assembly Process

1. **Align Connector:** Position the crimped end of the vent elbow to align with the straight pipe.
2. **Insert and Merge:** Insert the crimped end of the elbow into the straight pipe, ensuring a secure fit.
3. **Tighten Pipe Clamp:** Secure the connection with a pipe clamp (if included or required by local codes) and tighten it firmly.
4. **Complete Assembly:** Connect the assembled vent pipe to the tankless water heater's exhaust outlet.

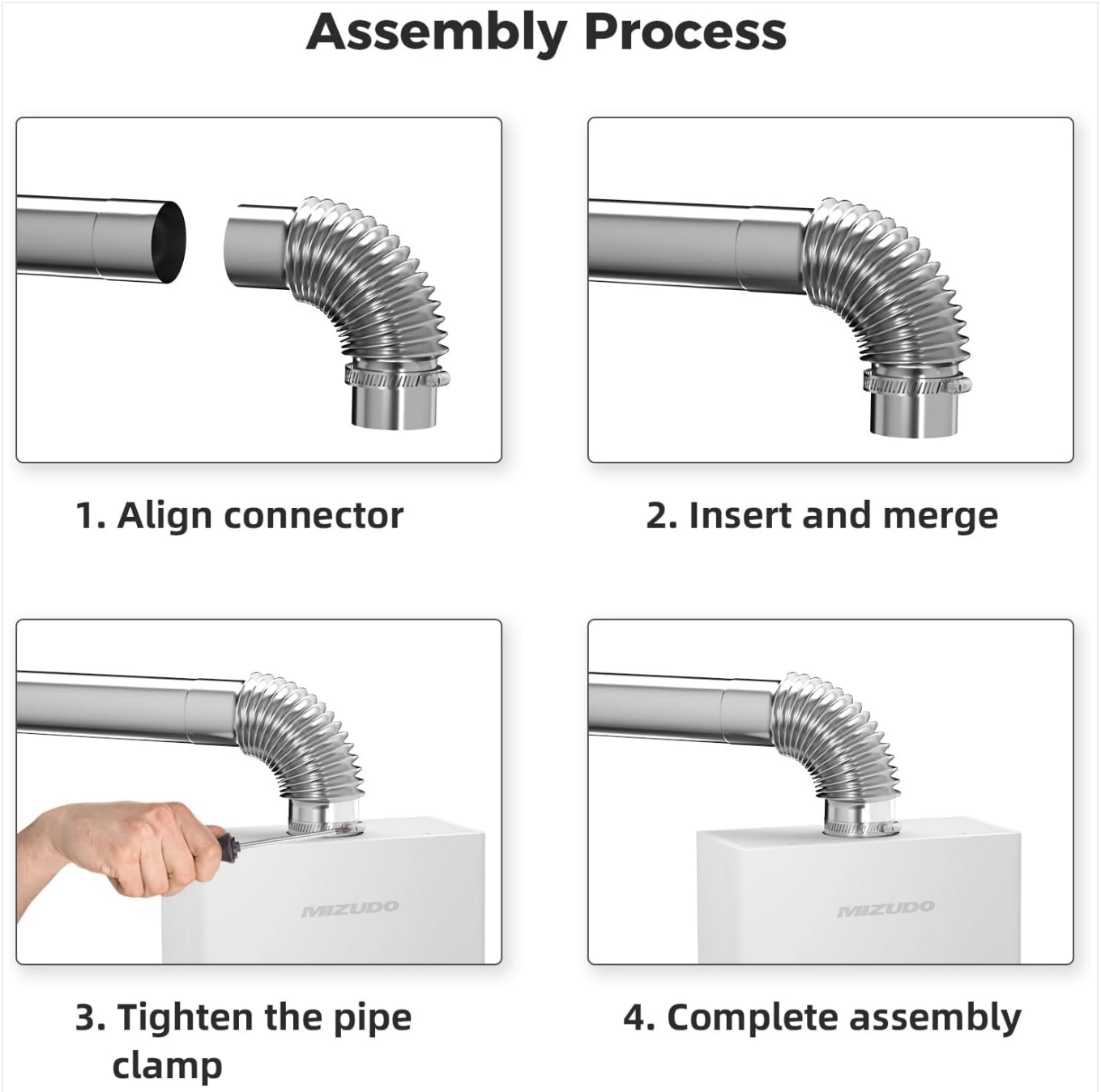


Image: A four-panel illustration demonstrating the assembly process: 1. Align connector, 2. Insert and merge, 3. Tighten the pipe clamp, 4. Complete assembly.

Mounting Considerations

The vent kit can be installed against a wall, either on the side or at the back of the water heater, depending on your specific setup and local regulations.

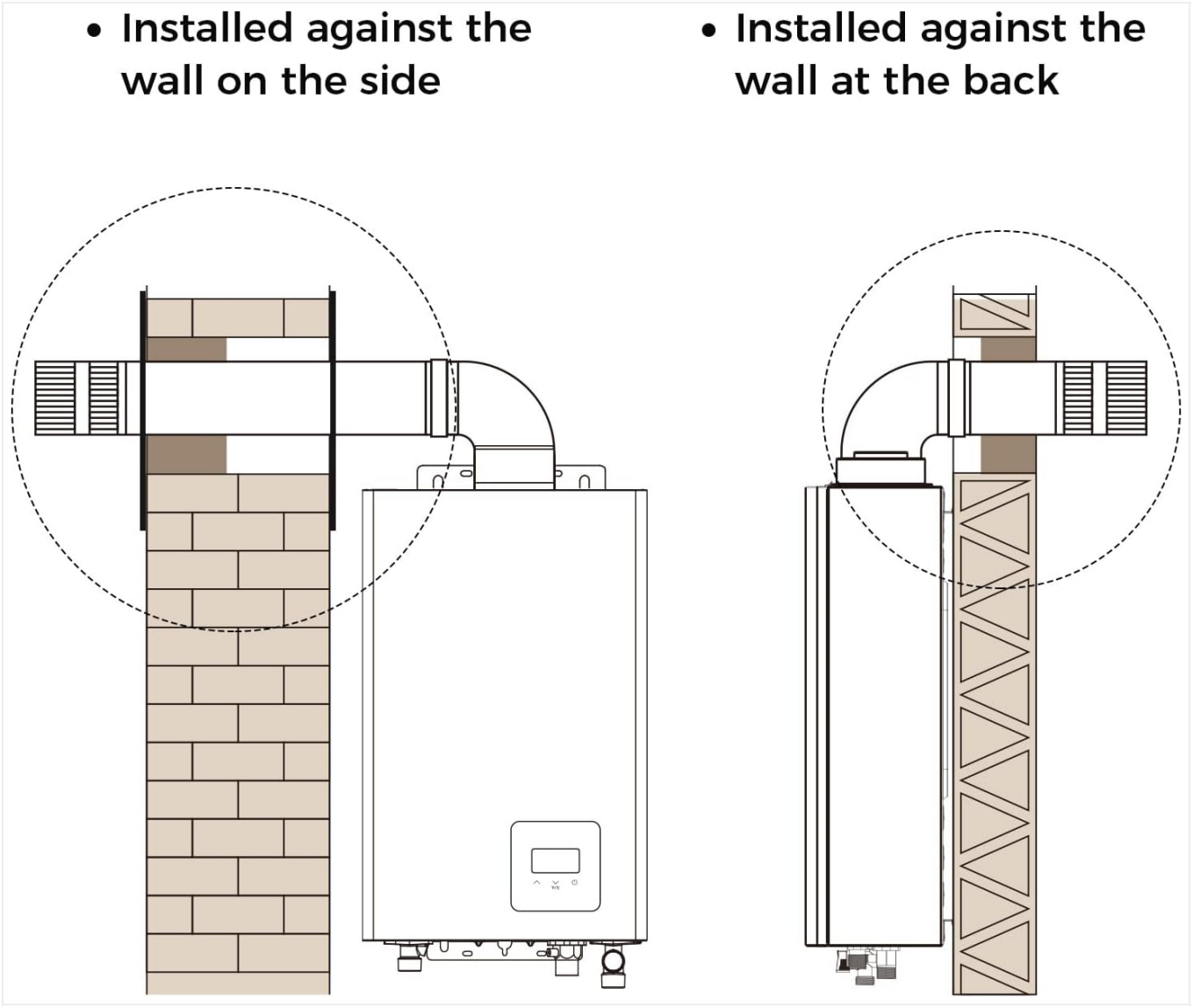


Image: Two diagrams illustrating how the vent pipe can be installed against a wall, either from the side or from the back of the water heater unit.

Installation Precautions

- For horizontal installation only.
- Total vent pipe length must not exceed 9.8 feet (3 meters).
- Limit bends to 3 or fewer to ensure optimal exhaust flow.

MIZUDO Vent Kit is Compatible with Following Water Heaters

MIZUDO	FOGATTI	ORBEK
Comfortech classic 80	InstaGas Comfort 120	Templatech 80
Comfortech classic 90	InstaGas Comfort 145	Templatech 100
Comfortech classic 100	InstaGas Comfort 170	
Comfortech classic 120		
Comfortech classic 145		
Comfortech classic 170		
Comfortech classic 199		

Camplux	Eccotemp
CA422	112
CA528	

Image: A graphic highlighting key installation precautions, including restrictions on installation type, maximum length, and number of bends.

Operating Considerations

Once installed, the MIZUDO vent pipe kit works passively to discharge exhaust gases. Ensure that the streamlined surface allows for consistent and uninterrupted airflow, which is essential for the performance of your home heating system. The rain cap design prevents rainwater from entering the vent pipe, maintaining system integrity during adverse weather conditions.

Maintenance

The MIZUDO vent pipe kit is made from high-quality stainless steel, designed for longevity and resilience. Regular maintenance helps ensure continued safe and efficient operation:

- **Periodic Visual Inspection:** Annually inspect the entire vent system for any signs of damage, corrosion, blockages (e.g., bird nests, debris), or loose connections.
- **Clean Rain Cap:** Ensure the mesh cavity of the chimney rain cap is clear of any debris to allow proper ventilation and prevent water accumulation.
- **Check Seals:** Verify that all connections are securely sealed and free from leaks.
- **Professional Inspection:** Consider having a qualified technician inspect your entire water heater and venting system periodically.

Troubleshooting

If you experience issues with your tankless water heater's exhaust, consider the following troubleshooting steps related to the vent kit:

- **Poor Exhaust Flow:** Check for any obstructions within the vent pipe or at the rain cap. Ensure the total length and number of bends comply with installation precautions.
- **Water Leakage:** Verify that the rain cap is properly installed and free from damage. Check all pipe connections for secure fitting and proper sealing.
- **Loose Connections:** Re-tighten any pipe clamps or connections that appear loose.
- **Unusual Noises:** Inspect the vent system for any loose components that might be vibrating.
- **Persistent Issues:** If problems persist, contact a qualified HVAC professional or MIZUDO customer support.

Specifications

Feature	Specification
Brand	MIZUDO
Model Number	VP030A0S-B
Product Dimensions	6"W x 24"H (Overall)
Outer Diameter (OD)	3.0 inches
Material	Stainless Steel

Feature	Specification
Color	Sliver
Special Feature	Rainproof Chimney Cap
Mounting Type	Wall
Item Weight	1.5 pounds
Included Components	1 x 88 Degree Elbow, 1 x Straight Pipe



Image: A diagram illustrating the product specifications, including the overall height of 24.0 inches, a straight pipe length of 19.7 inches, and an outer diameter (OD) of 3.0 inches.

Safety and Certifications

MIZUDO products, including this vent kit, adhere to quality and safety standards. The brand emphasizes features such as leakage protection, dry combustion protection, IPX4 waterproof rating, anti-scale design, overheat protection, and

anti-freezing protection in its water heating solutions, which this vent kit supports by ensuring proper exhaust.



Image: A graphic displaying the CSA Official Certification, guaranteeing quality and safety for MIZUDO products, with listed protections like leakage, dry combustion, IPX4 waterproof, anti-scale, overheat, and anti-freezing.

Warranty

For detailed warranty information regarding the MIZUDO 3-inch OD Vent Pipe Kit, please refer to the product packaging or contact MIZUDO customer support directly. Warranty terms and conditions may vary.

Support

If you have any questions about the installation, maintenance, or operation of your MIZUDO Vent Pipe Kit, please do not hesitate to contact our customer service team. We are committed to providing thorough after-sales support.

- **Phone:** (781)-887-0291
- **Email:** service@mizudo.com



Image: MIZUDO customer support information, including phone number and email address, under the heading 'Water Solutions Expert'.

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