

MIZUDO WD800

MIZUDO 800GPD Tankless Reverse Osmosis Water Filter & Instant Hot Water Dispenser User Manual

Model: WD800

1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your MIZUDO 800GPD Tankless Reverse Osmosis Water Filter and Instant Hot Water Dispenser. Please read these instructions carefully before use to ensure proper function and safety.



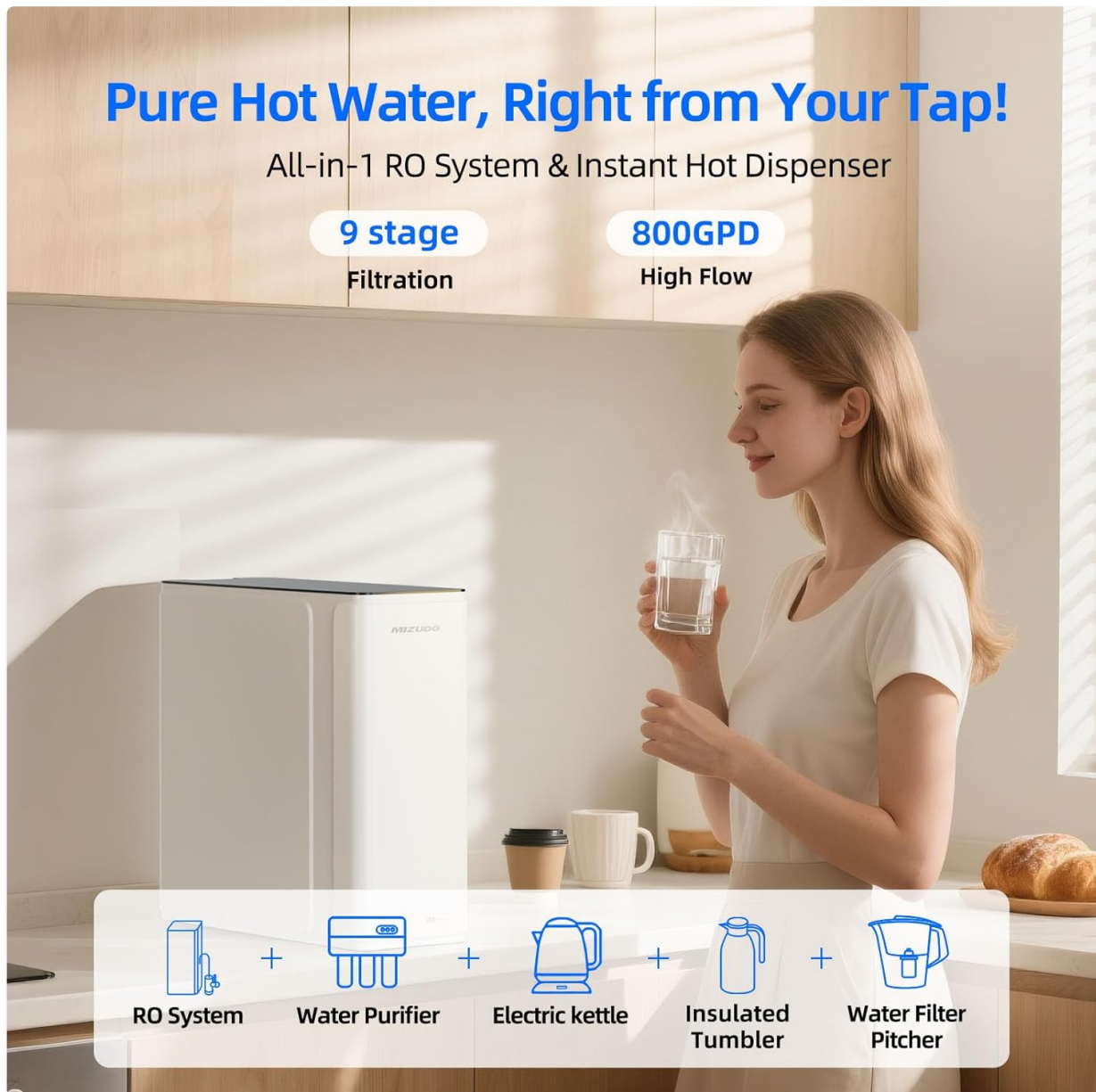
Image 1.1: MIZUDO 800GPD Tankless RO System and Instant Hot Water Dispenser with filter cartridges and smart faucet.

2. PRODUCT FEATURES

The MIZUDO 800GPD system combines advanced water purification with instant hot water dispensing, offering convenience and improved water quality.

- **All-in-One RO Purification & Instant Heating:** Provides instant hot and cold water with 9-stage purification. Features 6-level temperature control and a flow rate of 2.1L/min.
- **Long-Life Filtration:** Includes a 3-year RO filter, a 1-year PCF filter, and an optional 1-year mineralization filter. Designed with a larger filtration area to prevent clogging.
- **Advanced 9-Stage Filtration:** Removes up to 99.99% of pollutants, including heavy metals, chlorine, fluoride, cadmium, TDS, and PFAS, down to 0.0001 microns.
- **Precise Temperature Control:** Offers 6 temperature levels from 104°F to 203°F for various uses like coffee, tea, baby formula, and cooking.
- **Water and Energy Efficiency:** Features a 3:1 pure to drain ratio, reducing water waste. External tank heating technology enhances efficiency and safety.

- **Innovative External Heating Technology:** Utilizes external tank heating to eliminate electric leak risks, provide faster and more uniform heating, and prevent temperature fluctuations by separating cold and hot waterways.
- **Smart Touchscreen Faucet:** Displays water temperature, TDS level, and filter status. Includes child lock and temperature indicators for safety.
- **Safety Assurance:** Certified against NSF/ANSI 58 for TDS reduction and NSF/ANSI 372 for lead-free materials. Features anti-scalding child lock, dry-burn protection, leak-proof waterway, and food-grade T304 stainless steel tank.



Pure Hot Water, Right from Your Tap!

All-in-1 RO System & Instant Hot Dispenser

9 stage
Filtration

800GPD
High Flow

RO System + Water Purifier + Electric kettle + Insulated Tumbler + Water Filter Pitcher

Image 2.1: User enjoying pure hot water from the MIZUDO system.

Hot & Cold, Perfect on Demand

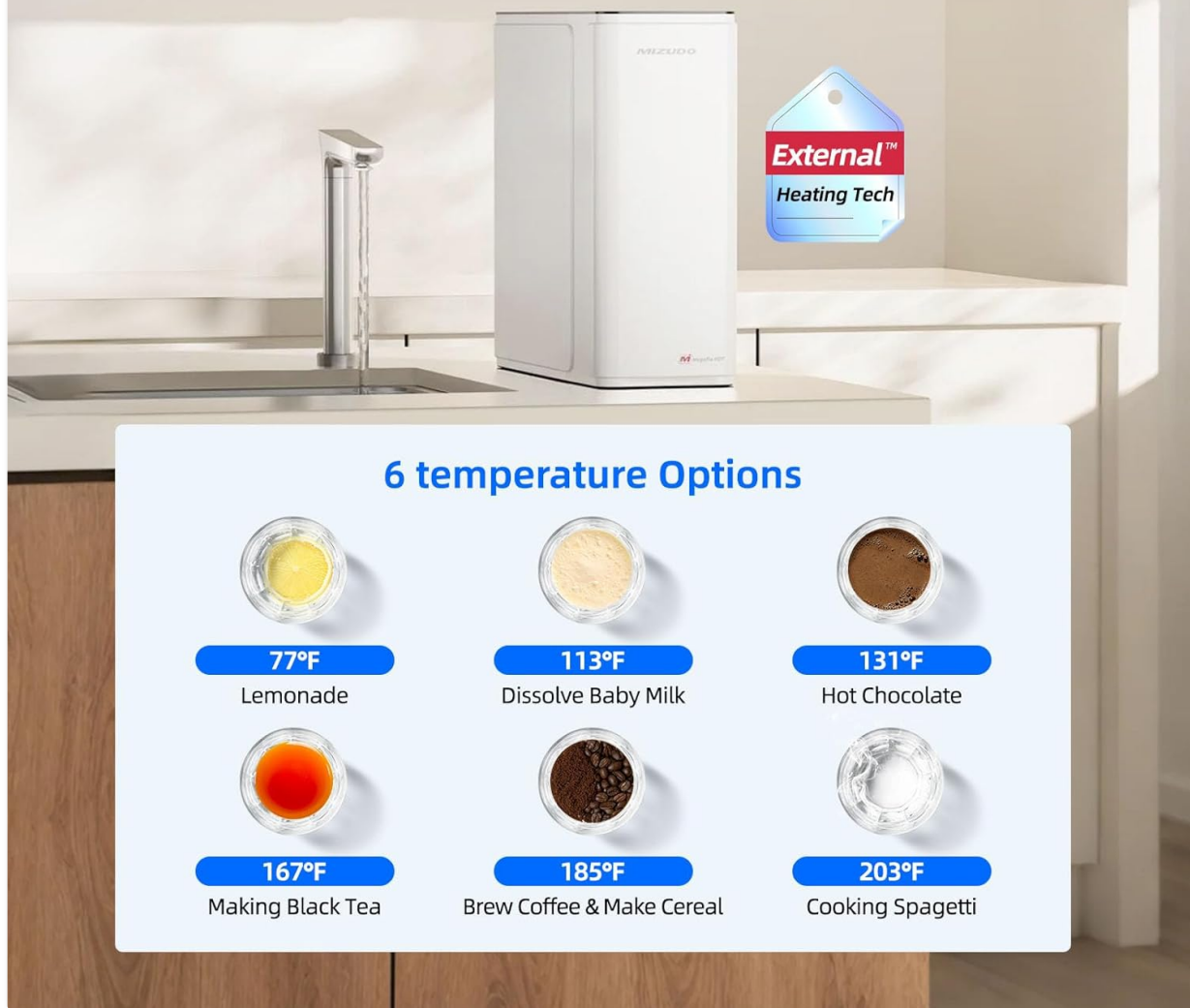


Image 2.2: Six temperature options available for various needs.



Image 2.3: Detailed view of the 9+1 stage purification process.

3. SETUP AND INSTALLATION

The MIZUDO system is designed for quick installation and minimal maintenance. It is intended for under-

sink installation only.

3.1 Unpacking

Carefully remove all components from the packaging. Verify that all parts listed in the 'What's in the Box' section are present.

3.2 Installation Steps

Installation can typically be completed in approximately 30 minutes without specialized tools.

1. Position the main unit under the sink, ensuring adequate space for filter changes.
2. Install the smart faucet on your countertop.
3. Connect the water inlet tubing, drain water outlet tubing, and pure water tubing as per the diagram.
4. Connect the power cable to a suitable electrical outlet.
5. Flush the system as instructed in the operating section before first use.

Note: The unit must be installed under the sink. Installing it higher than the faucet may cause abnormal dripping.



Image 3.1: Installation diagram for the MIZUDO RO system.



Image 3.2: Simplified filter replacement process.

4. OPERATING INSTRUCTIONS

The smart touchscreen faucet provides intuitive control over water dispensing and temperature settings.

4.1 Initial Use

After installation, flush the system by dispensing water for several minutes to clear any air and ensure optimal performance.

4.2 Dispensing Water

- **Cold/Ambient Water:** Touch the corresponding icon on the faucet to dispense purified water at ambient temperature.
- **Hot Water:** Activate the child lock feature (if enabled) then select your desired temperature from the 6 available options. The faucet will dispense hot water at the selected temperature.

4.3 Temperature Control

The faucet allows selection of 6 precise temperature settings:

- 77°F (Room-temp Water)
- 113°F (Dissolving Milk Powder)
- 131°F (Honey Water)
- 167°F (Making Tea)
- 185°F (Brewing Coffee)
- 203°F (Cooking Spaghetti)

4.4 Smart Faucet Display

The touchscreen faucet provides real-time information:

- Current water temperature.
- TDS (Total Dissolved Solids) level of the purified water.
- Filter status indicators.
- Child lock status.

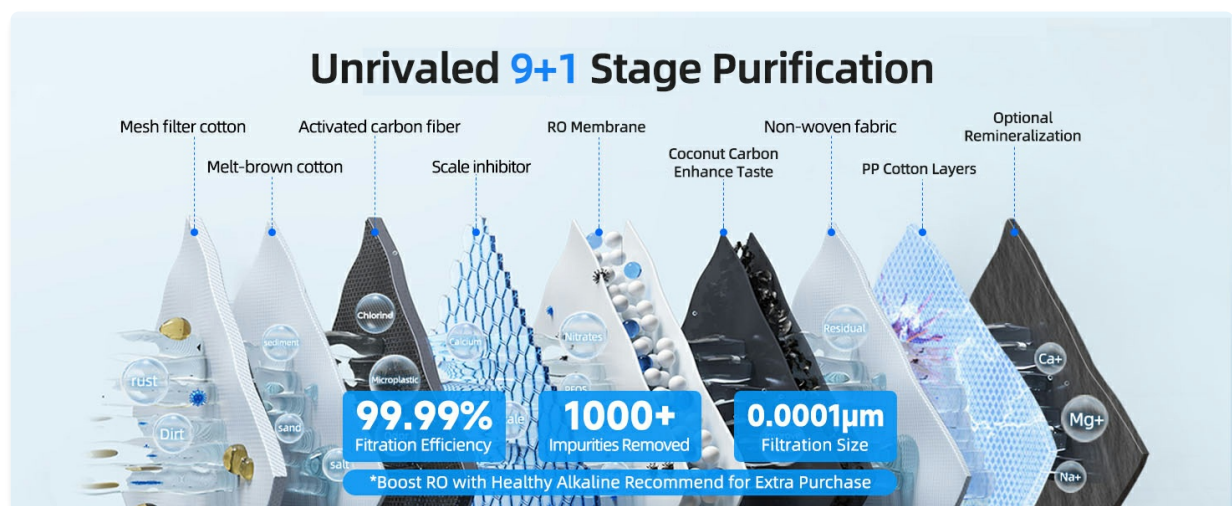


Image 4.1: Smart touch control faucet with display.

Still Worried About These?

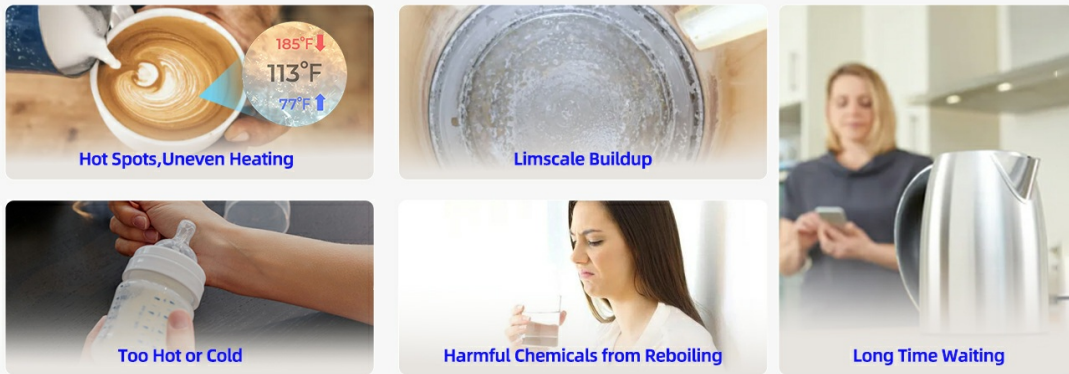


Image 4.2: Visual representation of the 6 temperature settings.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your MIZUDO RO system.

5.1 Filter Replacement

The system features tool-free filter replacement, which can be done in seconds without moving the unit.

- **PCF Filter:** Replace approximately every 1 year.
- **RO Filter:** Replace approximately every 3 years.
- **Mineralization Filter (Optional):** Replace approximately every 1 year.

Refer to the filter status indicator on the smart faucet for timely replacement reminders.

5.2 Cleaning

Wipe the exterior of the unit and faucet with a soft, damp cloth. Do not use abrasive cleaners or solvents.

5.3 Auto-Flush Function

The system includes an auto-flush feature to maintain filter freshness and prevent limescale buildup, contributing to zero maintenance.

Your Kitchen's Ultimate Multi-Tasker



INSTANT BEVERAGES
Coffee & tea...Pretty much on tap.



OATMEAL IN SECONDS
Ignore your microwave and make oatmeal in seconds.



BABY FORMULA
Baby formula at the perfect temperature.



NO STOVE NO PROBLEM
Make miso soup in a pinch.

Image 5.1: Filter lifespan and replacement schedule.

24/7 Fresh Water, Zero Limescale

Auto Flush for Freshness with Every Sip.



Lower First
Cup TDS



Extends
Filter life



Infant Directly
Drinkable

Hot canister

PCF filter cartridge

RO filter cartridge

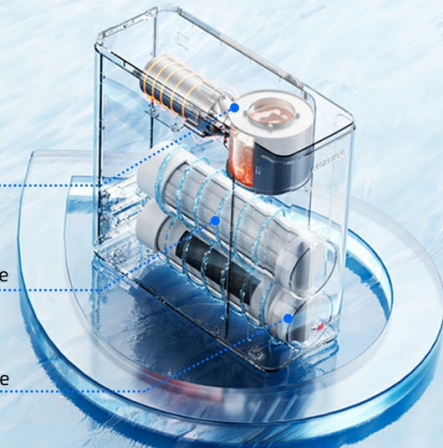


Image 5.2: Internal components and auto-flush feature for freshness.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your MIZUDO RO system.

Problem	Possible Cause	Solution
No water dispensed	Power outage, water supply off, clogged filter, system error.	Check power connection and water supply. Inspect filter status on the faucet. If error code is displayed, refer to specific error code instructions.
Slow water flow	Clogged filter, low water pressure.	Check filter status and replace if necessary. Ensure adequate incoming water pressure.
Water tastes unusual	New filters not flushed, expired filters, contamination.	Flush new filters thoroughly. Replace expired filters. If taste persists, contact support.
Error Code F4 displayed	Indicates a system malfunction, often related to water flow or internal components.	Restart the system by unplugging and re-plugging the power cord. If the error persists, contact MIZUDO customer support for assistance.
Hot water not dispensing or not hot enough	Child lock active, incorrect temperature setting, heating element issue.	Deactivate child lock. Verify selected temperature. Ensure the system is powered and heating.
Abnormal dripping from faucet	Incorrect installation (unit higher than faucet), loose connections, faulty faucet.	Ensure the main unit is installed under the sink. Check all connections for tightness. If issue persists, contact support.

7. SPECIFICATIONS

Specification	Detail
Model Name	MegaFlo Hot 800GPD

Specification	Detail
Item Model Number	WD800
Product Dimensions (L x W x H)	18.5" x 7.3" x 19.7"
Item Weight	38 Pounds
Installation Type	Under Sink
Power Source	Corded Electric
Maximum Flow Rate	0.6 Gallons Per Minute
Lower Temperature Rating	40 Degrees Fahrenheit
Special Features	Adjustable Temperature, Built-In TDS Meter, Change Filter Indicator, Child Lock, Reduce TDS
Certifications	NSF/ANSI 58, NSF/ANSI 372, CSA & SGS Tested

Compact & Space Saving



Image 7.1: Compact dimensions of the MIZUDO RO system.

CSA & SGS Tested and Certified

According to NSF/ANSI 42 & 58 & 372 standards

FCC certification

CSA GROUP
Certificate of Compliance

SGS

Parameter	Tested	Result	Standard
Chlorine	0.05 mg/L	< 0.05 mg/L	NSF/ANSI 42
Lead	0.01 mg/L	< 0.01 mg/L	NSF/ANSI 58
Cadmium	0.001 mg/L	< 0.001 mg/L	NSF/ANSI 58
Chromium	0.01 mg/L	< 0.01 mg/L	NSF/ANSI 58
Barium	0.01 mg/L	< 0.01 mg/L	NSF/ANSI 58
Fluoride	0.01 mg/L	< 0.01 mg/L	NSF/ANSI 58
Perchlorate	0.01 mg/L	< 0.01 mg/L	NSF/ANSI 58
TDS	100 mg/L	< 100 mg/L	NSF/ANSI 58
Selenium	0.01 mg/L	< 0.01 mg/L	NSF/ANSI 58

PFOA
PFOA > 99%

PFOS
PFOS > 99%

MPN
Coliforms > 99%

Cl
Chlorine > 99%

Pb
Lead > 99%

Ba
Barium > 99%

Cr
Chromium > 99%

Cd
Cadmium > 99%

Fl
Fluoride > 99%

ClO4
Perchlorate > 98%

TDS
TDS > 96%

Se
Selenium > 95%

Image 7.2: CSA & SGS Tested and Certified standards.






8. WARRANTY AND SUPPORT

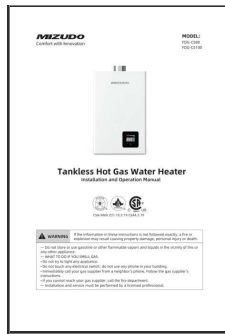
MIZUDO offers comprehensive support for your product.

- **Warranty:** 1-year free repair and replacement.
- **Quality Guarantee:** Lifetime quality guarantee from US-based experts.

For technical assistance, troubleshooting, or warranty claims, please contact MIZUDO customer support. Contact information can typically be found on the product packaging or the official MIZUDO website.

Related Documents - WD800

<div><div><div>MIZUDO</div><div>Connect with Innovation</div></div><div></div><div><div>Reverse Osmosis Water Filtration System</div><div>Installation and Operation Manual</div></div><div><div>WARNING</div><div>Please read this manual carefully before using your product, and keep this manual handy as a reference for all safety, operation, and maintenance information. Failure to follow these instructions may result in personal injury or property damage.</div></div></div>	<p>MIZUDO Megafluo Reverse Osmosis Water Filtration System Installation and Operation Manual</p> <p>This manual provides detailed instructions for the installation and operation of the MIZUDO Megafluo Reverse Osmosis Water Filtration System. It covers safety information, product specifications, installation steps, operation guidelines, maintenance procedures, and troubleshooting tips.</p>
<div><div><div>MIZUDO</div><div>Connect with Innovation</div></div><div></div><div><div>Reverse Osmosis Water Filtration System</div><div>Installation and Operation Manual</div></div><div><div>WARNING</div><div>Please read this manual carefully before using your product, and keep this manual handy as a reference for all safety, operation, and maintenance information. Failure to follow these instructions may result in personal injury or property damage.</div></div></div>	<p>Mizudo Megafluo Mini Reverse Osmosis Water Filtration System Installation and Operation Manual</p> <p>This manual provides detailed instructions for the installation and operation of the Mizudo Megafluo Mini Reverse Osmosis Water Filtration System. It covers safety information, product specifications, installation steps, operation guidelines, maintenance procedures, and troubleshooting tips.</p>
<div><div><div>MIZUDO</div><div>Connect with Innovation</div></div><div></div><div><div>Water Heater Operation and Safety Manual</div></div><div><div>WARNING</div><div>Please read this manual carefully before using your product, and keep this manual handy as a reference for all safety, operation, and maintenance information. Failure to follow these instructions may result in personal injury or property damage.</div></div></div>	<p>Mizudo Water Heater Operation and Safety Manual</p> <p>Detailed operating instructions and safety warnings for the Mizudo HW199A1G-NG and HW199A1G-LP tankless water heaters. Learn about safe operation, controller functions, and mixing valve usage.</p>
<div><div><div>MIZUDO</div><div>Connect with Innovation</div></div><div></div><div><div>Quick Start Guide</div><div>Pairing with LetSmart App</div></div></div>	<p>MIZUDO Quick Start Guide: Pairing with LetSmart App</p> <p>A quick start guide for MIZUDO water filtration systems, detailing how to pair your device with the LetSmart App for enhanced control and monitoring.</p>
<div><div><div>MIZUDO</div><div>Connect with Innovation</div></div><div></div><div><div>Electric Tankless Water Heater</div><div>Installation and Operation Manual</div></div><div><div>WARNING</div><div>Please read all instructions before using this water heater. Failure to follow the instructions in this manual may result in fire, electric shock, property damage, injury or death.</div></div></div>	<p>Mizudo Electric Tankless Water Heater ET003 ET006: Installation and Operation Manual</p> <p>Comprehensive installation, operation, maintenance, and troubleshooting guide for Mizudo ET003 and ET006 electric tankless water heaters. Includes technical specifications, safety instructions, and warranty information.</p>



MIZUDO Tankless Hot Gas Water Heater Installation and Operation Manual

This manual provides installation and operation instructions for the MIZUDO Tankless Hot Gas Water Heater, models FDG-CS80 and FDG-CS100. It covers safety information, general information, installation procedures, operation guidelines, troubleshooting, maintenance, and wiring diagrams.