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## **AIRMOSEN TDQR09**

# **AIRMOSEN Countertop Dishwasher TDQR09 User Manual**

Model: TDQR09

## **1. INTRODUCTION**

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This manual provides detailed instructions for the safe and efficient operation, installation, and maintenance of your AIRMOSEN Countertop Dishwasher, Model TDQR09. Please read this manual thoroughly before using the appliance and retain it for future reference.



Image 1.1: The AIRMSEN Countertop Dishwasher TDQR09, a compact appliance designed for efficient dish cleaning.

## 2. SAFETY INFORMATION

To reduce the risk of fire, electric shock, or injury when using your dishwasher, follow these basic precautions:

- Read all instructions before using the dishwasher.
- Use the dishwasher only for its intended function.
- Do not operate the dishwasher if it has a damaged power cord or plug, if it is not working properly, or if it has been dropped or damaged.
- Keep children away from detergent and rinse aid.
- Do not allow children to play in or on the dishwasher.
- Always disconnect the appliance from the power supply before cleaning or performing maintenance.
- Ensure the dishwasher is properly grounded.

- Do not tamper with controls.
- Use only detergents and rinse aids recommended for use in a dishwasher.
- Do not wash plastic items unless they are marked "dishwasher safe" or equivalent.
- Do not touch the heating element during or immediately after use.
- Exercise caution when opening the door during or after a wash cycle, as hot steam may escape.

### 3. PRODUCT OVERVIEW

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The AIRMSEN TDQR09 is a compact countertop dishwasher designed for small living spaces, apartments, and RVs. It features multiple wash programs, a built-in water tank, and an integrated water softener.

#### 3.1 Key Components

- **Control Panel:** Touchscreen interface for program selection and function activation.
- **Dish Racks:** Designed to hold various dishware, including plates up to 10.24 inches. Includes tableware and cutlery baskets.
- **Water Tank:** 5-liter built-in tank for manual water filling.
- **Spray Arms:** Dual 360° spray arms with 14 high-pressure jets for thorough cleaning.
- **Filter System:** Removable filter to capture food particles.
- **Detergent Compartment:** For block, powder, or liquid detergent.
- **Water Softener Compartment:** For dishwasher salt.
- **Inlet/Drain Hoses:** For optional direct water connection.

# Compact Size & Large Capacity

Designed for singles, couples, and families of 4-5



Image 3.1: The compact size and internal capacity of the dishwasher, showing loaded dishes and cutlery.

## 360° Dual Spray Arms

Powerful water flow with 14 nozzles evenly spraying for thorough cleaning of every inch of your dishes.



## 4. SETUP AND INSTALLATION

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### 4.1 Unpacking

Carefully remove the dishwasher from its packaging. Inspect for any shipping damage. Retain packaging materials for future transport if needed. Remove any internal packing materials or tape.

### 4.2 Placement

Place the dishwasher on a stable, level countertop or shelf. Ensure there is sufficient space around the unit for ventilation and door opening. The dimensions are approximately 16.85"W × 16.73"D × 18"H. If not connected to a faucet, ensure extra height above the unit for manual water filling.

### 4.3 Water Supply Modes

The dishwasher offers flexible water supply options:

- **Manual Fill:** Use the provided pitcher to fill the built-in 5-liter water tank. Stop adding water when the "Full Water Level" alert sounds. This mode requires no plumbing connection and is ideal for portability.
- **Faucet Fill Using Hose:** Connect the inlet hose to a faucet. This is suitable when the dishwasher is close to a sink.
- **Direct Water Line Hook-Up:** For a more permanent setup, connect the inlet hose to a dedicated G3/4 inch water line. An adapter may be required depending on your faucet type.



# Two Water Supply Modes



Water Tank Mode: Stop adding water when the "Full Water Level" alert sounds.

Image 4.1: Illustration of the three water supply methods: manual fill, faucet connection, and direct water line hook-up.

## 4.4 Drain Hose Connection

Connect the drain hose to a sink or a suitable drainage point. Ensure the hose is securely fastened and positioned to allow proper water drainage without kinks.

## 5. OPERATING INSTRUCTIONS

### 5.1 Control Panel

The dishwasher features an HD touchscreen panel for intuitive operation. Icons represent different programs and functions.



Image 5.1: The HD touchscreen panel displaying program icons and current status.

## 5.2 Loading Dishes

Arrange dishes in the racks, ensuring they do not block the spray arms. Plates up to 10.24 inches can be accommodated. Use the tableware and cutlery baskets for smaller items.

## 5.3 Adding Detergent

Open the detergent compartment and add the appropriate amount of dishwasher detergent (block, powder, or liquid). Close the compartment securely.

## 5.4 Adding Dishwasher Salt (Water Softener)

The integrated water softener requires dishwasher salt to prevent spots and limescale. Open the water softener compartment and fill with dishwasher salt as needed. The system has adjustable levels (H1-H7) to match your water hardness.

# Adjustable Soft Water System (H1-H7 Levels)

Keeps dishes spotless and protects your dishwasher from limescale

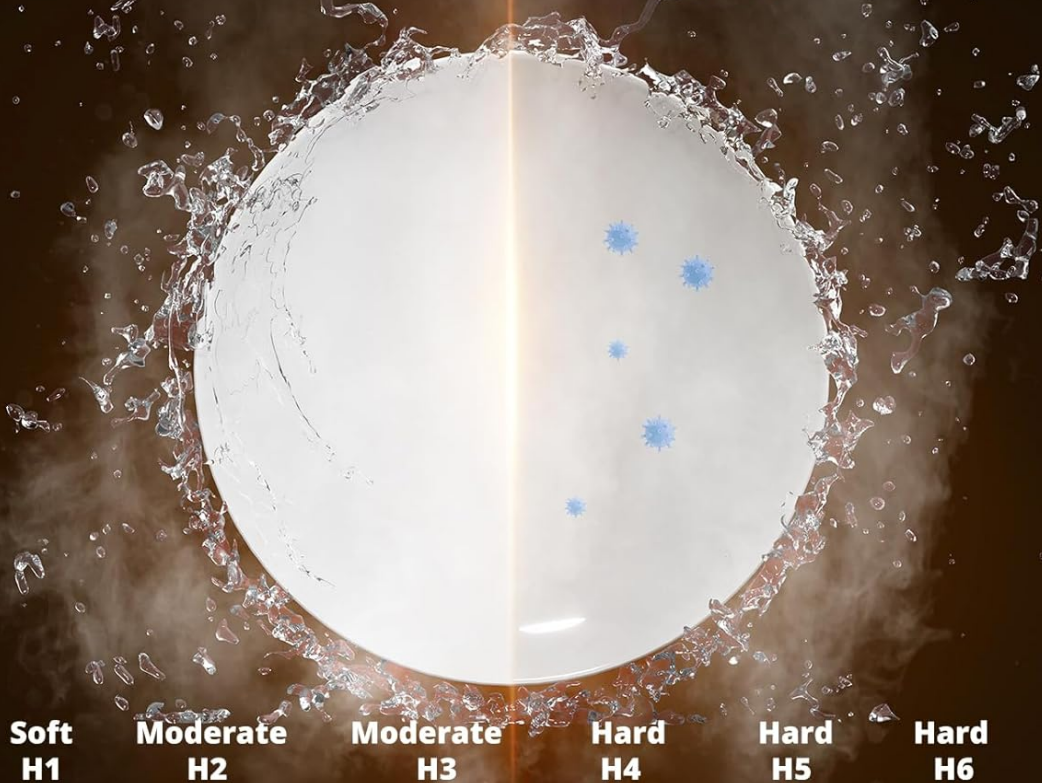


Image 5.2: Illustration of the adjustable soft water system and its benefits for dish cleanliness.

## 5.5 Selecting a Program

Choose from 8 available wash programs:

- **Standard (69 min):** General daily wash.
- **ECO (59 min):** Energy and water-efficient wash.
- **Speed (29 min):** Quick wash for lightly soiled items.
- **Strong (89 min):** Intensive wash for heavily soiled dishes.
- **Glass (50 min):** Gentle wash for delicate glassware.
- **Fruit (19 min):** For washing fruits and vegetables (no hot air drying).
- **Self-Clean (79 min):** For cleaning the dishwasher interior.
- **Dry+ (72H):** Adds extra hot air drying and air circulation.



## 8+3 PROGRAMS

### 3 Useful Function



**LOCK**  
(Child Lock)



**DELAY**  
(1-18 Hour Delay Start)



**Soft Water Salt Function**

### 8 Washing Programs



**STANDARD**  
(69min)



**ECO**  
(59min)



**SPEED**  
(29min)



**STRONG**  
(89min)



**GLASS**  
(50min)



**FRUIT**  
(19min)



**SC**  
(79min)



**DRY+**  
(72H)



Image 5.3: Overview of the 8 washing programs and 3 additional functions.

### 5.6 Using Extra Functions

- **Child Lock:** Activates to prevent accidental operation.
- **Delay Start (1-18h):** Allows you to set a delayed start time for the wash cycle.
- **Hot Air Drying:** Automatically dries dishes for 1 hour after most cycles. DRY+ adds an extra hour of hot air drying and 72 hours of air circulation.

# 1-18 Hour Delay Start Function

flexibly schedule wash times to avoid peak electricity periods, saving energy and minimizing noise disruption



Image 5.4: Visual representation of the 1-18 hour delay start function.

## 1-18 Hours Delay Start Function

Flexibly adjust the washing time, avoid peak hours, and enjoy energy-saving convenience





## PTC Hot Air Drying Function

Automatic drying and intermittent ventilation to eliminate odors and facilitate storage.

**60 Minutes**

Auto Hot Air Drying

**72Hours**

Intermittent Air Drying  
and Ventilation for Storage

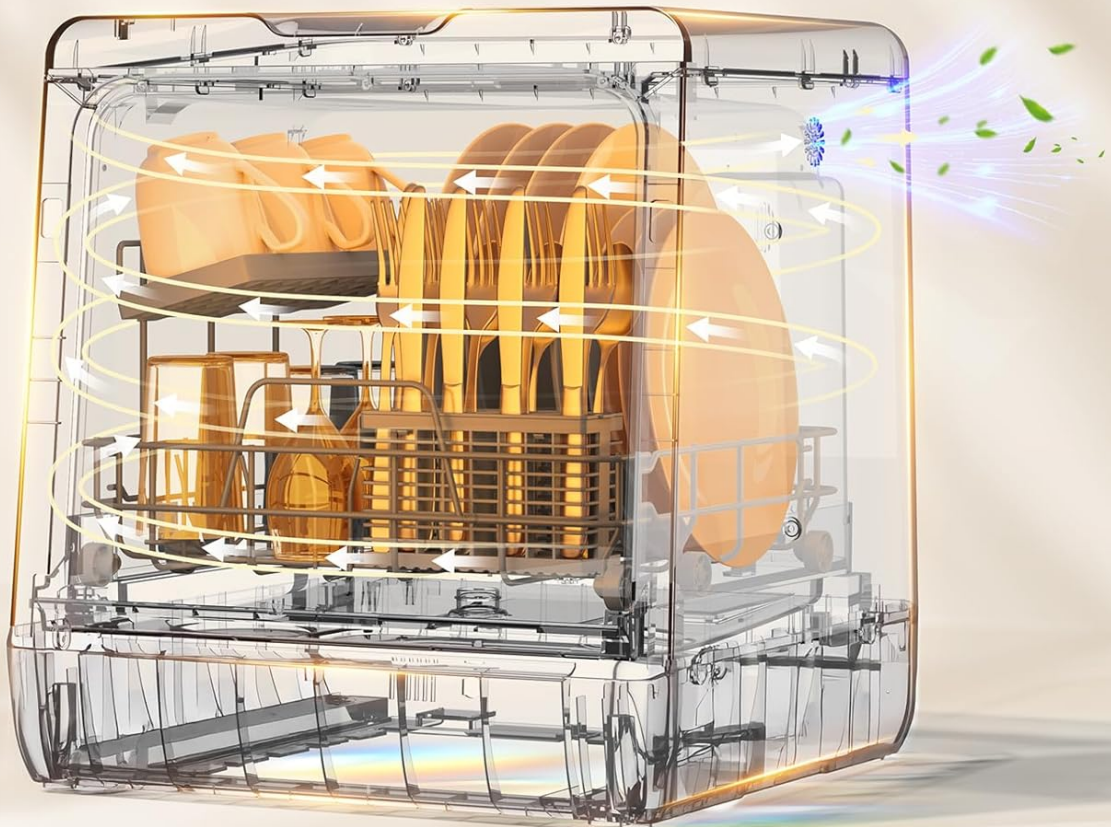


Image 5.6: The PTC Hot Air Drying function for efficient dish drying and odor elimination.

### 5.7 Starting a Cycle

After loading dishes, adding detergent and salt, and selecting your desired program and functions, press the Start button to begin the wash cycle.

## 6. MAINTENANCE

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Regular maintenance ensures optimal performance and longevity of your dishwasher.

### 6.1 Cleaning the Filter

The removable filter should be cleaned regularly to prevent food particle buildup. Remove the lower tray, then remove the filter by turning it. Rinse under running water to remove debris. Reinstall securely.

6.2 Cleaning the Spray Arms

Periodically check the spray arms for blockages. Remove the lower tray to access the upper spray arm. Turn the large screw by hand to remove the upper spray arm. Clean any debris around the mounting area and use a toothpick to clear any clogged nozzles. Ensure nozzles face downwards upon reinstallation.



Image 6.1: The 360° Dual Spray Arms, which require periodic cleaning to maintain optimal performance.

6.3 Self-Cleaning Mode

Use the "Self-Clean" program (79 minutes) to clean the dishwasher interior, keeping it fresh and odor-free.



Image 6.2: The dishwasher operating in Self-Cleaning Mode.

6.4 Exterior Cleaning

Wipe the exterior surfaces with a soft, damp cloth. Do not use abrasive cleaners or solvents.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Dishwasher does not start.	Power cord not plugged in; door not fully closed; program not selected.	Ensure power is connected. Close the door firmly. Select a wash program.
Dishes are not clean.	Improper loading; spray arms blocked; insufficient detergent; clogged filter.	Reload dishes correctly. Clean spray arms and filter. Use appropriate detergent amount.
Upper spray arm not turning.	Debris buildup in the spray arm mechanism or clogged nozzles.	Remove the upper spray arm, clean any debris from the mounting area, and clear clogged nozzles with a toothpick. Reinstall ensuring smooth rotation.
Water spots on dishes.	Hard water; insufficient dishwasher salt.	Add dishwasher salt to the water softener compartment. Adjust water softener level if necessary.
Dishwasher leaks.	Improper drain hose connection; door seal damaged.	Check drain hose for secure connection and kinks. Inspect door seal for damage.
Yellow water inside after first use.	Normal residue from food-grade resin in the built-in water softener from factory testing.	This is normal and safe. No action required.


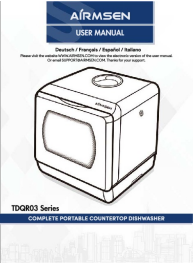
## 8. SPECIFICATIONS

Feature	Detail
Model Name	TDQR09
Brand	AIRMTEN
Dimensions (W x D x H)	16.85" x 16.73" x 18"
Item Weight	29 Pounds
Voltage	110 Volts
Water Tank Capacity	5 Liters (1.3 Gallons)
Water Consumption (per cycle)	1.3 Gallons
Annual Energy Consumption	105 Kilowatt Hours Per Year
Noise Level	50 Decibels
Programs	Standard, ECO, Speed, Strong, Glass, Fruit, Self-Clean, Dry+
Special Features	1-18H Delayed Start, Built-In Water Tank, Child Lock, Extra Dry, Integrated Water Softener
Material	Polypropylene (PP), Stainless Steel, Tempered Double-Layer Glass
Certification	ETL, UL

## 9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your purchase documentation. If you have any questions regarding the operation or maintenance of your AIRMSEN Countertop Dishwasher TDQR09, please contact AIRMSEN customer service.

### Related Documents - TDQR09

	<p><a href="#">AIRMSEN Portable Countertop Dishwasher User Manual ZMW-DTHA01</a></p> <p>Comprehensive user manual for the AIRMSEN Portable Countertop Dishwasher Model ZMW-DTHA01, covering installation, operation, maintenance, troubleshooting, and safety guidelines for optimal performance.</p>
	<p><a href="#">AIRMSEN ZMW-DUHA01 Portable Countertop Dishwasher User Manual</a></p> <p>Discover how to install, operate, and maintain your AIRMSEN ZMW-DUHA01 portable countertop dishwasher with this comprehensive user manual. Includes safety guidelines, troubleshooting, and specifications for optimal performance.</p>
	<p><a href="#">Airmsen TDQR03 Series Complete Portable Countertop Dishwasher User Manual</a></p> <p>User manual for the Airmsen TDQR03 Series complete portable countertop dishwasher, detailing its features, including the built-in LED lamp.</p>
	<p><a href="#">AIRMSEN TDQR03 Series Complete Portable Countertop Dishwasher User Manual</a></p> <p>This user manual provides comprehensive instructions for the AIRMSEN TDQR03 Series Complete Portable Countertop Dishwasher, covering features, installation, operation, cleaning, maintenance, troubleshooting, and warranty information.</p>
	<p><a href="#">Airmsen Portable Countertop Dishwasher User Manual</a></p> <p>User manual for the Airmsen Portable Countertop Dishwasher (Model: ZMW-DUHC01), covering installation, operation, safety instructions, cleaning, maintenance, troubleshooting, and warranty information.</p>
	<p><a href="#">AIRMSEN TDQR03A* Series Portable Countertop Dishwasher User Manual</a></p> <p>Comprehensive user manual for the AIRMSEN TDQR03A* Series portable countertop dishwasher, covering installation, operation, maintenance, and troubleshooting. Learn about wash cycles, loading, detergent use, and safety precautions.</p>

