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› Aqua-Pure DW301 Under Sink Water Filter System Instruction Manual

Aqua-Pure 3MDW301

Aqua-Pure DW301 Under Sink Water Filter System Instruction Manual

Model: 3MDW301

1. INTRODUCTION

The Aqua-Pure DW301 Under Sink Water Filter System is designed to provide premium performance for home water purification. This system is NSF listed for quality assurance and is engineered to reduce a wide range of contaminants, ensuring cleaner, clearer, and better-tasting drinking water directly from your tap.

Key features include:

- 1,000 gallon/3,785 liter capacity for high demand.
- Built-in shut-off valve for easy cartridge changes.
- Reduces microplastics, chlorine taste & odor, chloramine, asbestos, parasitic protozoan cysts, lead, MTBE, trihalomethanes (TTHM), and VOCs.
- NSF certified to standards 42, 53, and 401.
- Sanitary Quick Change (SQC) cartridge for fast and easy replacement.
- Advanced dual-stage carbon-block filtration.



Figure 1: Aqua-Pure DW301 Under Sink Water Filter System. This image shows the complete filter system, including the filter cartridge and the head unit.

2. SAFETY INFORMATION

This product is intended for industrial, professional, and commercial use. Unless specifically stated on the product package or applicable product literature, 3M industrial products are not packaged, labeled, or intended for sale to individual consumers (i.e., the general public).

Always follow local plumbing codes and regulations during installation. Ensure water supply is turned off before beginning any installation or maintenance procedures.

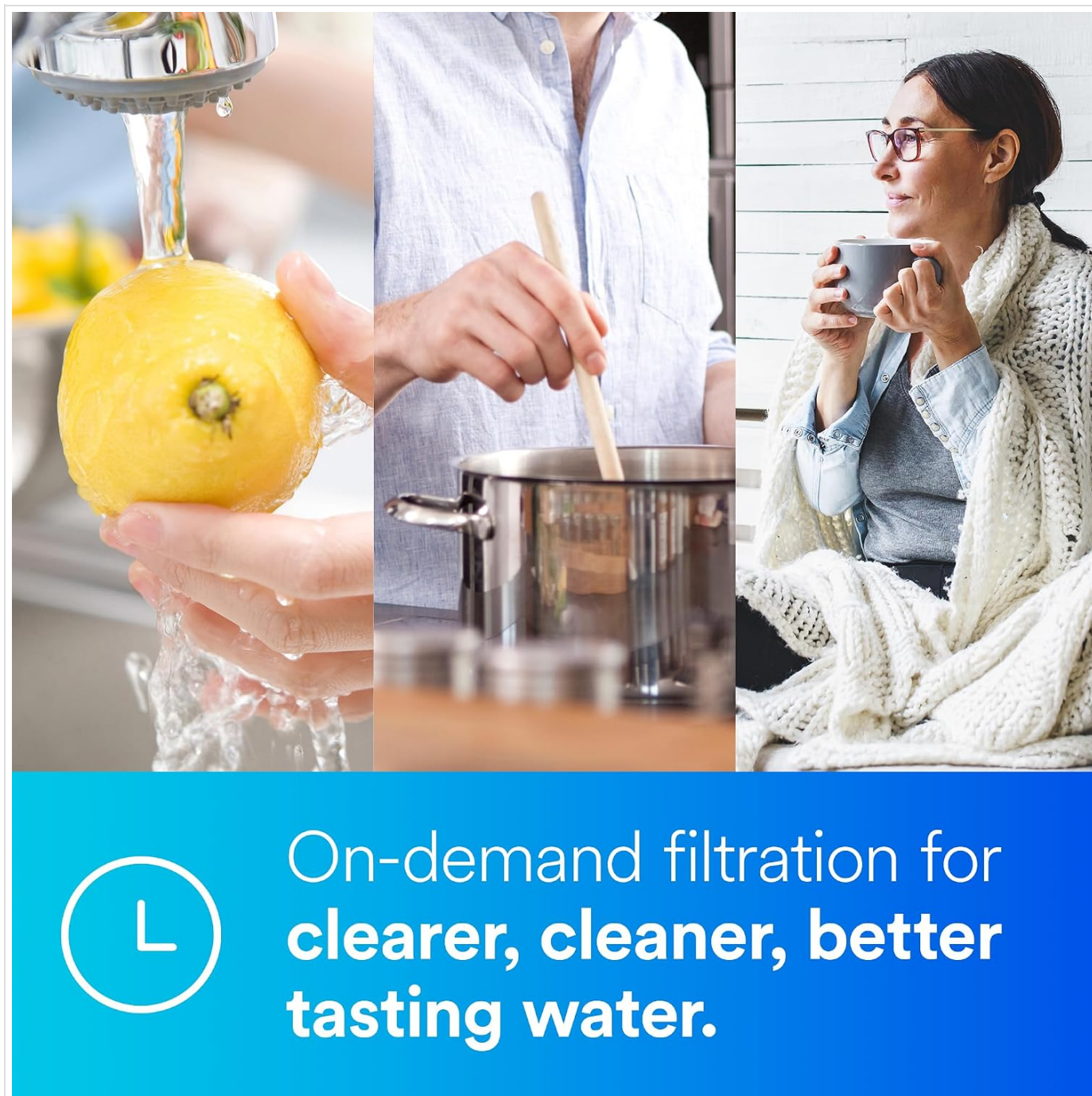
3. WHAT'S IN THE BOX

The Aqua-Pure DW301 system package includes:

- Filter Head Unit

- Filter Cartridge (3MDW311)

Note: A dedicated faucet is not included with this system.



On-demand filtration for
**clearer, cleaner, better
tasting water.**

Figure 2: Aqua-Pure DW301 Water Filter Cartridge. This image displays the replacement filter cartridge, labeled 3MDW311, which is part of the system.

4. SETUP AND INSTALLATION

The Aqua-Pure DW301 system is designed for under-sink installation in the cold water line, connecting to a dedicated faucet (faucet not included). Installation difficulty is rated as intermediate.

4.1. Tools Needed

Before beginning installation, ensure you have the following tools:

- Drill (cordless recommended)
- Phillips Head Screwdriver

- Adjustable Wrench
- Razor Knife or Tube Cutter
- #8 Gauge Fastening Screws

Additional Tools Needed

- Drill (cordless recommended)
- Phillips Head Screwdriver
- Adjustable Wrench
- Razor Knife or Tube Cutter
- #8 Gauge Fastening Screws



*Existing plumbing installation parts may vary. Measure your sink's cold water line before installing.

Figure 3: Additional Tools Needed. This image illustrates the various tools required for the installation process, including a drill, screwdriver, wrench, and cutting tools.

4.2. Installation Overview

The system connects to your dedicated drinking water faucet. An installation diagram is provided to guide you through the process. Existing plumbing installation parts may vary, so measure your sink's cold water line before installing.



Easy Installation

Connects to dedicated drinking water faucet (included).



Difficulty
Intermediate

Figure 4: Easy Installation Diagram. This diagram shows a typical under-sink installation setup, illustrating how the filter system integrates with existing plumbing to provide filtered water to a dedicated faucet.

For detailed step-by-step instructions, refer to the complete installation guide included with your product packaging.

5. OPERATING INSTRUCTIONS

Once installed, the Aqua-Pure DW301 system operates automatically to provide filtered water on demand. Simply turn on your dedicated drinking water faucet to access cleaner, clearer, and better-tasting water.



Under sink filtration for cleaner, clearer, better tasting water.

Figure 5: On-demand Filtration. This image highlights the benefits of on-demand filtration for clearer, cleaner, and better-tasting water, showing various uses like washing produce, cooking, and drinking.

6. MAINTENANCE

Regular maintenance ensures optimal performance and water quality from your Aqua-Pure DW301 system.

6.1. Cartridge Replacement

The filter cartridge has a capacity of 1,000 gallons (3,785 liters). Replace the cartridge when the flow rate significantly diminishes or after 12 months of use, whichever comes first. The Sanitary Quick Change (SQC) design allows for fast and easy cartridge change-out without needing to shut off the main water supply, thanks to the built-in shut-off valve.

1. Turn the existing cartridge counter-clockwise a quarter turn to remove it.
2. Insert the new cartridge into the head unit and turn clockwise a quarter turn until it clicks into place.
3. Flush the new cartridge according to the instructions provided with the replacement cartridge.

7. TROUBLESHOOTING

If you experience issues with your Aqua-Pure DW301 system, consider the following common solutions:

- **Reduced Water Flow:** This typically indicates that the filter cartridge is nearing the end of its life and needs replacement. Refer to Section 6.1 for cartridge replacement instructions.
- **Unusual Taste or Odor:** If the filtered water develops an unusual taste or odor, the filter cartridge may be exhausted and require replacement.
- **Leaks:** Ensure all connections are secure and the filter cartridge is properly seated in the head unit. If leaks persist, turn off the water supply and contact customer support.

For further assistance, please contact Aqua-Pure customer support.

8. SPECIFICATIONS

Attribute	Value
Product Dimensions	4.75"L x 4.75"W x 15.79"H
Item Model Number	3MDW301
Item Weight	5 Pounds
Installation Type	Under Sink in Cold Water Line, to Dedicated Faucet (Faucet Not Included)
Lower Temperature Rating	40 Degrees Fahrenheit (4.4 Degrees Celsius)
Maximum Flow Rate	0.75 Gallons Per Minute (2.8 Liters Per Minute)
Operating Pressure Range	25 - 125 PSI (172 - 862 kPa)
Capacity	1,000 Gallons (3,785 Liters)
Certifications	NSF certified for Standards 42, 53, and 401

9. LEGAL INFORMATION AND SUPPORT

9.1. Legal Disclaimer

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9.2. Customer Support

For technical assistance, replacement parts, or warranty inquiries, please contact Aqua-Pure customer support. Refer to your product packaging or the official Aqua-Pure website for contact details.
You can visit the official 3M Store for more information:[3M Official Store](#)

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