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> ANGEL Reverse Osmosis Water Filter System W-J3680-ROB15 User Manual

ANGEL W-J3680-ROB15

ANGEL Reverse Osmosis Water Filter System (Model W-J3680-ROB15)

User Instruction Manual

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your ANGEL Reverse Osmosis Water Filter System, Model W-J3680-ROB15. This 7-stage under-sink water filtration system is designed to deliver clean, great-tasting water by effectively reducing contaminants such as PFAS/PFOS, fluoride, chlorine, and other impurities. Please read this manual thoroughly before installation and use to ensure proper function and longevity of your system.

IMPORTANT SAFETY INFORMATION

- Ensure all connections are secure to prevent leaks.
- Do not operate the system outside the specified operating pressure range (14.5-87 PSI).
- Do not expose the system to temperatures below 39°F (4°C) or above 104°F (40°C).
- Only use genuine ANGEL replacement filters to maintain performance and warranty.
- If you are unsure about any installation step, consult a qualified plumber.
- Keep the power adapter away from water.

WHAT'S IN THE BOX

Verify that all components are present before beginning installation.

WHAT'S IN THE BOX?



Main Body



Tank



Faucet & Washer



Adapter & Lock Clip



PE Tubing



Drain Saddle & Screws



Feed Water Valve



Manual



Power Adapter

Image: All components included in the ANGEL Reverse Osmosis Water Filter System kit.

- RO system main unit
- CFII/RO/NAC filters (pre-installed or separate)
- Faucet
- Storage Tank
- Feed Water Valve
- PE Tubing (3/8" and 1/2")
- Adapter & Lock Clips
- Drain Saddle & Screws
- Power Adapter
- User Manual (this document)



SETUP AND INSTALLATION

Follow these steps carefully for proper installation. Refer to the installation video for visual guidance.



Image: The compact design of the ANGEL RO system, measuring 14.25"L x 5.04"W x 12.99"H, allows it to fit in smaller under-sink spaces compared to bulkier traditional systems.

General Installation Notes:

- Ensure sufficient space under your sink for the main unit and tank.
- Turn off the main water supply before starting installation.
- Have basic plumbing tools ready (e.g., wrench, drill, pipe cutter).

Installation Steps:

1. **Prepare the Faucet:** Install the new faucet in a suitable location on your sink or countertop. Ensure proper washer

order and secure tightening.

2. **Connect the Feed Water Valve:** Install the feed water adapter to your cold water line.
3. **Install the Drain Saddle:** Attach the drain saddle to the drain pipe under your sink. Drill a hole as instructed for the wastewater line.
4. **Connect Tubing:** Connect the PE tubing from the feed water valve, drain saddle, and faucet to the main RO unit and storage tank according to the provided diagram.
5. **Place the RO Unit and Tank:** Position the main unit and storage tank under the sink.
6. **Power Connection:** Connect the power adapter to the RO unit and plug it into an electrical outlet.
7. **Flush the System:** Turn on the water supply and allow the system to fill and flush for several minutes as per the manual's instructions to remove air and carbon fines.



Video: Step-by-step guide for installing the ANGEL Reverse Osmosis System.

OPERATING INSTRUCTIONS

Once installed, your ANGEL RO system operates automatically. Here are some key operational aspects:

- **First Use:** After installation and flushing, allow the storage tank to fill completely before drawing water. This may take some time.
- **Water Dispensing:** Turn the dedicated RO faucet handle to dispense purified water.
- **Flow Rate:** The system provides a fast flow rate, capable of filling an 8oz cup in approximately 6 seconds.
- **Automatic Operation:** The system automatically fills the storage tank as water is used and shuts off when the tank is full.

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FASTER FLOW / **6 SECONDS FILL A CUP**



Q1

6s a Cup of Water

0.55gal/min

others

60s a Cup of Water

0.054gal/min

The capacity of the cup is 8 oz.

Image: The ANGEL Q1 system demonstrates a faster flow rate, filling a cup in 6 seconds compared to 60 seconds for other systems.

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Creating a Healthy
and Wonderful Life



Image: The ANGEL RO Filtration System offers a total capacity of 3000 gallons and a 3-year RO filter life.

MAINTENANCE AND FILTER REPLACEMENT

Regular filter replacement is crucial for maintaining optimal water quality and system performance. The system features a built-in filter indicator light to remind you when it's time for replacement.



Image: Filter lifespan details: RO filters last 24-36 months, NAC filters 12-18 months, and CFII filters 6-12 months.

Filter Lifespan:

- **RO Filter:** 24-36 months
- **NAC Filter:** 12-18 months
- **CFII Filter:** 6-12 months

Replacement Procedure:

1. Turn off the water supply to the RO system and depressurize the system by opening the RO faucet.
2. Unplug the power adapter.
3. Remove the system cover to access the filters.
4. Twist and pull out the old filter cartridge.
5. Insert the new filter cartridge, twisting it into place until a distinct 'click' sound confirms secure installation.
6. Replace the system cover.
7. Restore power and water supply, then flush the new filter as per the initial setup instructions.



Video: Guide for replacing filter cartridges in the ANGEL Under-Sink RO Water Purifier.

TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Low water flow from faucet	Clogged filters, low water pressure, air in system, partially closed shut-off valve.	Check filter indicator light and replace filters if needed. Ensure water supply valve is fully open. Allow system to fill tank completely. Check household water pressure.
Unusual taste or odor	New filters not flushed, expired filters, contaminated storage tank.	Flush new filters thoroughly. Replace expired filters. Sanitize the storage tank if necessary.
Water leakage	Loose connections, damaged O-rings, improperly seated filters.	Turn off water supply. Check all tubing connections and tighten if loose. Inspect O-rings for damage and replace if needed. Ensure filters are correctly installed and locked.
System not producing water	No power, water supply off, clogged RO membrane.	Check power connection. Ensure water supply is on. Replace RO membrane if it's past its lifespan or severely clogged.

If you experience issues not covered here, or if solutions do not resolve the problem, please contact ANGEL customer support.

SPECIFICATIONS

Brand	ANGEL
Model Name	W-J3680-ROB15
Product Dimensions (L x W x H)	14.25"L x 5.04"W x 12.99"H
Material	Plastic, Stainless Steel
Purification Method	Reverse Osmosis (7-stage filtration)

Total Filtration Capacity	3,000 Gallons
RO Filter Lifespan	24-36 Months
NAC Filter Lifespan	12-18 Months
CFII Filter Lifespan	6-12 Months
Pure to Drain Ratio	2:1
Operating Pressure Range	14.5-87 PSI
Operating Temperature Range	39°F - 104°F (4°C - 40°C)
Maximum Flow Rate	0.5 Gallons Per Minute
Supported Water TDS Level Maximum	1000 PPM
Special Features	7-stage Filtration, Automatic Shut-Off, Change Filter Indicator, Easy Installation, Reduces TDS, Lead-Free Construction
Certifications	NSF 58, 42, 372 standards, CSA tested, FCC certified

WARRANTY AND SUPPORT

ANGEL provides reliable support for its products. While specific warranty details may vary, the system is designed for long-lasting performance with RO filters lasting up to 3 years.

Customer Support:

For assistance with installation, troubleshooting, or any product-related questions, please contact ANGEL customer support. Our team is available 24/7 and aims to respond within 12 hours to ensure your complete satisfaction. Refer to the product packaging or the official ANGEL website for contact information.

