

Westinghouse WH-1500 / RCC7AK

Westinghouse Instant Water Dispenser & iSpring RCC7AK RO System User Manual

Model: WH-1500 / RCC7AK

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1. PRODUCT OVERVIEW

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Westinghouse Instant Water Dispenser and iSpring RCC7AK 6-Stage Reverse Osmosis (RO) Water Filter System. This combined system delivers both instant hot water and purified drinking water directly from your tap. The Westinghouse Instant Water Dispenser provides hot water on demand, perfect for beverages and cooking. The iSpring RCC7AK system utilizes a multi-stage filtration process, including reverse osmosis, to remove up to 99% of over 1,000 contaminants, and an alkaline remineralization stage to restore beneficial minerals and balance pH.



Figure 1: Complete Westinghouse Instant Water Dispenser and iSpring RCC7AK RO System.

2. IMPORTANT SAFETY INFORMATION

Please read all safety warnings and instructions carefully before installing or operating the system. Failure to follow these instructions may result in electric shock, fire, serious injury, or property damage.

- **Electrical Safety:** Ensure the hot water dispenser is connected to a properly grounded outlet. Do not operate with a damaged cord or plug. Disconnect power before servicing.
- **Water Safety:** Use only potable water. Ensure all water connections are secure to prevent leaks.
- **Hot Water Caution:** The dispenser produces very hot water. Exercise extreme caution to prevent burns. Keep children away from the hot water faucet.
- **Installation:** Installation should be performed by a qualified individual if you are unsure of plumbing or electrical connections.
- **Maintenance:** Always turn off water supply and disconnect power before performing any maintenance or filter changes.

3. SYSTEM COMPONENTS

Your system includes the following main components:

- Westinghouse WH-1500 Compact Hot Water Dispenser Unit
- Chrome Hot and Cold Faucet (for dispenser)
- iSpring RCC7AK 6-Stage Reverse Osmosis Water Filter System
- iSpring Dedicated RO Faucet
- RO Storage Tank
- Set of Pre-filters, RO Membrane, Post-carbon Filter, and Alkaline Remineralization Filter
- Installation Hardware and Tubing



Figure 2: Westinghouse Compact Hot Water Dispenser and its accompanying chrome faucet.



Figure 3: iSpring RCC7AK 6-Stage Reverse Osmosis Water Filter System with tank and faucet.

4. INSTALLATION GUIDE

4.1 Pre-Installation Checklist

- Ensure you have adequate space under your sink for both units and the RO tank.
- Verify access to a cold water supply line and a grounded electrical outlet (for dispenser).
- Confirm you have necessary tools (drill, wrench, screwdriver, etc.).

4.2 Westinghouse Dispenser Installation

1. **Mounting:** Securely mount the Westinghouse dispenser unit under the sink using the provided brackets. Ensure it is level and stable.
2. **Faucet Installation:** Install the chrome hot and cold faucet into a standard sink hole. Connect the hot and cold water lines from the dispenser unit to the corresponding inlets on the faucet.
3. **Water Connection:** Connect the cold water supply line to the dispenser's inlet.

4. **Electrical Connection:** Plug the dispenser into a grounded 120V AC outlet. Do not turn on power yet.



2.5
Quart

200°F

UP TO
60
CUPS
PER HOUR

1300
WATT

Figure 4: Dimensions of the Westinghouse Compact Hot Water Dispenser for installation planning.

4.3 iSpring RCC7AK RO System Installation

1. **Faucet Installation:** Install the dedicated iSpring RO faucet into a separate sink hole or an existing sprayer hole.
2. **Water Supply Connection:** Connect the RO system to your cold water supply line using the provided adapter.
3. **Drain Saddle Installation:** Install the drain saddle on the drain pipe to allow wastewater from the RO system to be discharged.
4. **RO Tank Connection:** Connect the RO storage tank to the RO system. Ensure the tank valve is closed initially.
5. **Filter Installation:** Insert the pre-filters (Sediment, GAC, CTO), RO membrane, post-carbon filter, and alkaline filter into their respective housings. Ensure correct orientation.

6. **Tubing Connections:** Connect all tubing according to the iSpring manual (input, output, drain, tank, faucet).

NSF/ANSI 58 CERTIFIED

✓ **Chemical Extraction Test**

✓ **Cyclic Test**

✓ **Hydrostatic Test**

✓ **TDS Reduction Test**



The image shows the iSpring RCC7AK water filtration system, which includes a faucet-mounted unit with three filter housings (PP, GAC, and RO), a blue TDS indicator, and a white storage tank. Dashed blue lines and arrows point to specific parts of the system, which are then detailed in the text to the right.

- **NON-PRESSURE BEARING COMPONENT**
 - ✓ **Material Safety**
- **PRESSURE BEARING COMPONENT**
 - ✓ **Material Safety**
 - ✓ **Structural Integrity**
- **COMPLETE SYSTEM**
 - ✓ **Material Safety**
 - ✓ **Structural Integrity**

NSF

Please note: this RO system CANNOT reduce TDS to very low level or zero if wanting pH+ water.

Figure 5: iSpring RCC7AK system is NSF/ANSI 58 certified for performance and material safety.

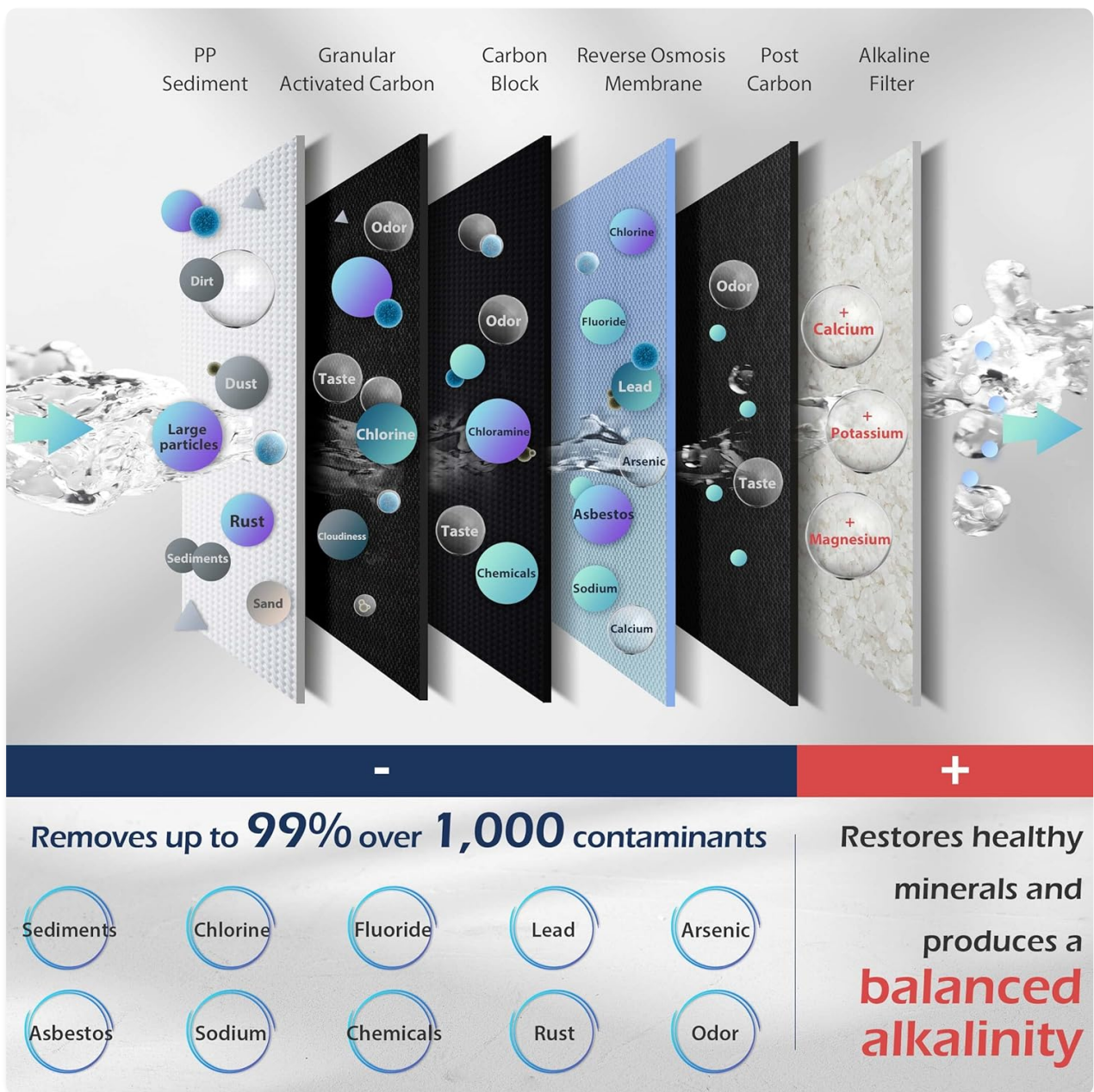


Figure 6: Diagram illustrating the 6-stage filtration process of the iSpring RCC7AK system, showing contaminant removal and remineralization.

4.4 Initial System Flush

After all connections are made and checked for leaks:

1. **For Dispenser:** Turn on the cold water supply. Open the hot water faucet on the dispenser and allow water to flow until it runs smoothly, purging air from the tank. Then, turn on the dispenser's power.
2. **For RO System:** Open the RO tank valve. Open the RO faucet and allow the tank to fill and then drain completely (this may take several hours for the first fill). Repeat this process 2-3 times to flush out carbon fines and sanitize the system.

5. OPERATION

5.1 Westinghouse Instant Water Dispenser

Once installed and powered on, the dispenser will begin heating water. It takes approximately 15-20 minutes for the initial heating cycle.

- **Temperature Control:** The dispenser features a temperature control dial (WH-1500) allowing you to adjust the hot water temperature from approximately 140°F (60°C) to 200°F (93°C). Turn the dial to your desired setting.
- **Dispensing Hot Water:** Push the hot water lever on the chrome faucet to dispense hot water. Release to stop.
- **Dispensing Chilled/Filtered Water:** Push the cold water lever on the chrome faucet to dispense cold, filtered water (from the RO system, if connected to the dispenser's cold inlet).



Figure 7: Temperature control dial on the Westinghouse WH-1500 dispenser, showing MIN (140°F) to MAX (200°F) settings.

5.2 iSpring RCC7AK RO System

The iSpring RO system operates automatically to fill its storage tank with purified water. When you open the dedicated RO faucet, water from the tank is dispensed.

- **Dispensing Purified Water:** Lift the handle on the iSpring RO faucet to dispense purified water. Lower the handle to stop.
- **Tank Pressure:** The RO tank maintains pressure to ensure a steady flow of water. Flow rate may decrease as

the tank empties.

6. MAINTENANCE

6.1 Westinghouse Dispenser Maintenance

- **Cleaning:** Wipe the exterior of the dispenser and faucet with a damp cloth. Do not use abrasive cleaners.
- **Descaling:** Depending on your water hardness, mineral buildup (scale) may occur over time. Refer to the Westinghouse specific descaling instructions if you notice reduced hot water flow or efficiency. Generally, this involves flushing the tank with a mild descaling solution.

6.2 iSpring RCC7AK RO System Filter Replacement

Regular filter replacement is crucial for optimal performance and water quality. Filter life varies based on water quality and usage.

Filter Stage	Description	Recommended Replacement
Stage 1: PP Sediment	Removes dirt, sand, rust, and other large particles.	Every 3-6 months
Stage 2: GAC Carbon	Removes chlorine, taste, odor, and organic chemicals.	Every 6-12 months
Stage 3: CTO Carbon Block	Further removes chlorine, taste, odor, and fine sediments.	Every 6-12 months
Stage 4: RO Membrane	Removes up to 99% of dissolved solids, heavy metals, bacteria, and viruses.	Every 2-3 years
Stage 5: Post Carbon	Polishes water for improved taste.	Every 12 months
Stage 6: Alkaline Remineralization	Restores beneficial minerals and balances pH.	Every 12 months

Filter Replacement Procedure:

1. Turn off the water supply to the RO system and close the RO tank valve.
2. Open the RO faucet to relieve pressure.
3. Use the filter wrench to unscrew the filter housings.
4. Remove old filters and dispose of them.
5. Clean the filter housings.
6. Insert new filters, ensuring proper orientation.
7. Screw housings back on, hand-tighten, then use wrench for a quarter turn.
8. Slowly turn on the water supply and open the RO tank valve. Check for leaks.
9. Flush the system as per initial setup instructions to remove air and carbon fines.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No Hot Water (Dispenser)	No power; unit not plugged in; thermal cut-off tripped; faulty heating element.	Check power connection; reset circuit breaker; allow unit to cool; contact support if issue persists.
Slow Flow (Dispenser)	Mineral buildup (scale); kinked water line.	Descalcify the unit; check water lines for kinks.
No Water from RO Faucet	Water supply off; tank valve closed; clogged filters/membrane; low water pressure.	Check water supply; open tank valve; replace filters; check household water pressure.
Poor Taste/Odor (RO Water)	Expired carbon filters; expired RO membrane.	Replace carbon filters (Stage 2, 3, 5); replace RO membrane (Stage 4).
Leaks	Loose connections; cracked housing; worn O-rings.	Tighten connections; inspect housings for damage; replace O-rings.

8. SPECIFICATIONS

Feature	Detail
Product Name	Westinghouse Instant Water Dispenser & iSpring RCC7AK RO System
Dispenser Model	WH-1500
RO System Model	RCC7AK
Dispenser Capacity	2 Quarts (approx. 2.5 Quarts shown in image)
Dispenser Wattage	1300 watts
Dispenser Power Source	Corded Electric
Dispenser Material	Stainless Steel
Dispenser Max Temp.	Up to 200°F (93°C)
RO System Stages	6-Stage (PP, GAC, CTO, RO Membrane, Post Carbon, Alkaline)
RO System GPD	75 GPD (Gallons Per Day)
Certifications	NSF Certified (for iSpring RCC7AK)

9. WARRANTY & CUSTOMER SUPPORT

For specific warranty information regarding your Westinghouse Instant Water Dispenser or iSpring RCC7AK Reverse Osmosis System, please refer to the warranty card included with your product or visit the respective manufacturer's official website.

If you encounter any issues or require technical assistance, please contact the manufacturer's customer support:

- **Westinghouse Customer Support:** Refer to your product packaging or the Westinghouse website for contact details.
- **iSpring Customer Support:** Refer to your product packaging or the iSpring website for contact details.

Please have your model number and purchase date ready when contacting support.

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This manual is for informational purposes only. Specifications are subject to change without notice.