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BWT CR10

BWT CR10 NA 10" Carbon & Resin Cartridge User Manual

Model: CR10

INTRODUCTION

This manual provides essential instructions for the installation, operation, and maintenance of your BWT CR10 NA 10" Carbon & Resin Cartridge. Please read this manual thoroughly before installation and retain it for future reference.

PRODUCT OVERVIEW

The BWT CR10 is a specialized carbon and resin cartridge designed for water filtration systems. It is engineered to fit standard BWT NDL2 filter housings. This cartridge effectively reduces chlorine, organic chemicals, and helps in minimizing scale and scum formation in water.

Key Features:

- **Chlorine Reduction:** Significantly reduces chlorine content in water.
- **Organic Chemical Removal:** Filters out various organic chemicals for improved water quality.
- **Scale and Scum Control:** Aids in reducing the buildup of scale and scum.
- **Standard Fit:** Designed to fit BWT NDL2 filter housings.

SPECIFICATIONS

Specification	Detail
Model Number	CR10
Nominal Flow Rate	Approx. 4 litres/min
Filter Capacity	Approx. 1500 litres
Maximum Water Temperature	45 degrees C
Maximum Pressure	5 Bars

Installation Method	Plumbed
Item Weight	1.5 pounds
Material	MULTI CR10 Plastic
Assembled Diameter	63 Millimeters

SETUP AND INSTALLATION

Important: Installation should be performed by a qualified professional or someone with adequate plumbing experience. Always shut off the main water supply before beginning installation.

- 1. Prepare the System:** Turn off the main water supply to the area where the filter housing is located. Open a nearby faucet to relieve pressure in the lines.
- 2. Access Filter Housing:** Locate your BWT NDL2 filter housing. Depending on your setup, you may need a filter wrench to open the housing.
- 3. Remove Old Cartridge (if applicable):** Carefully unscrew the filter housing sump. Remove the old cartridge and dispose of it properly.
- 4. Clean Housing:** Clean the inside of the filter housing sump with warm, soapy water and rinse thoroughly. Inspect the O-ring for any damage; replace if necessary. Lubricate the O-ring with a food-grade silicone grease if recommended by the housing manufacturer.
- 5. Insert New Cartridge:** Unwrap the new BWT CR10 cartridge. Insert the cartridge into the filter housing, ensuring it is seated correctly in the center standpipe.
- 6. Reassemble Housing:** Carefully screw the filter housing sump back onto the cap. Hand-tighten first, then use a filter wrench for a snug fit. **Do not overtighten.**
- 7. Restore Water Supply:** Slowly turn on the main water supply. Check for leaks around the filter housing.
- 8. Flush System:** Open a nearby cold water faucet and allow water to run for several minutes (e.g., 5-10 minutes) to flush out any air and fine carbon particles from the new cartridge. The water may appear cloudy initially; this is normal and will clear.



Figure 1: Front view of the BWT CR10 filter cartridge, showing its cylindrical shape and blue color.

OPERATING INSTRUCTIONS

Once installed and flushed, the BWT CR10 cartridge operates automatically as water flows through your filtration system. No further user interaction is required for its daily function.

- Ensure the water pressure remains within the specified limits (Maximum Pressure: 5 Bars).
- The cartridge is designed for cold water applications; do not exceed the maximum water temperature of 45 degrees C.



Figure 2: Angled view of the BWT CR10 filter cartridge, highlighting its overall form factor.

MAINTENANCE

Regular replacement of the BWT CR10 cartridge is crucial to maintain optimal water quality and system performance.

- **Replacement Frequency:** It is recommended that cartridges be changed at least every **3 to 6 months**, or after approximately **1500 litres** of filtered water, whichever comes first. This frequency may vary depending on local water quality and usage.
- **Signs of Depletion:** A noticeable decrease in water flow, a return of unpleasant tastes or odors, or a change in water clarity can indicate that the cartridge needs replacement.
- **Replacement Procedure:** Follow the "Setup and Installation" steps (1-7) for replacing the cartridge.



Figure 3: Bottom view of the BWT CR10 filter cartridge, showing the inlet/outlet structure.

TROUBLESHOOTING

This section addresses common issues you might encounter with your BWT CR10 cartridge.

- **Reduced Water Flow:**

- **Cause:** Clogged filter cartridge.
- **Solution:** Replace the cartridge. Ensure proper installation and flushing.

- **Unpleasant Taste or Odor Returns:**

- **Cause:** Cartridge has reached its capacity.
- **Solution:** Replace the cartridge.

- **Leaks Around Filter Housing:**

- **Cause:** Improperly seated O-ring, damaged O-ring, or housing not tightened correctly.
- **Solution:** Shut off water, open housing, inspect and reseal/replace O-ring, then re-tighten housing.

- **Cloudy Water After Cartridge Replacement:**

- **Cause:** Air or fine carbon particles from the new cartridge.
- **Solution:** Flush the system by running cold water for 5-10 minutes until clear. This is normal.

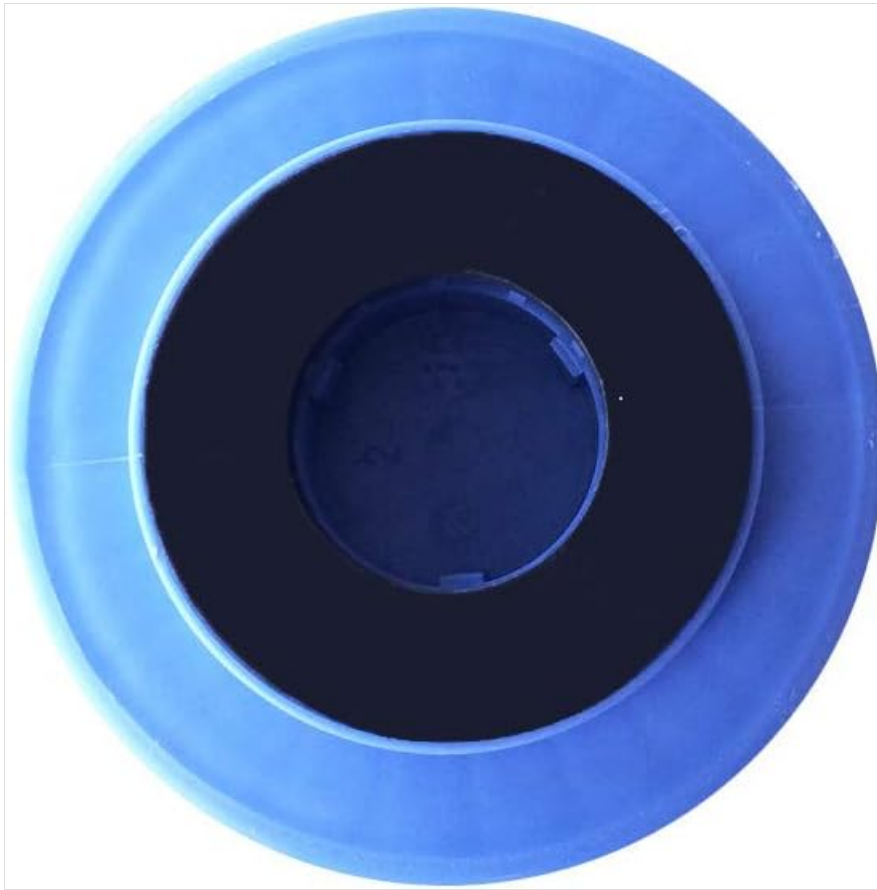


Figure 4: Top view of the BWT CR10 filter cartridge, showing the internal structure and sealing surface.

WARRANTY AND SUPPORT

Specific warranty information for the BWT CR10 NA 10" Carbon & Resin Cartridge is not provided in this manual. For warranty details, technical support, or further assistance, please contact BWT customer service or refer to the official BWT website.

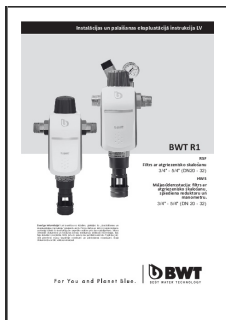
Manufacturer: BWT

Part Number: CR10







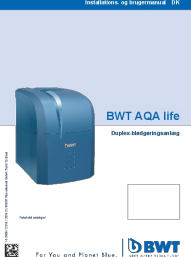
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Related Documents - CR10



[BWT R1 RSF & HWS Water Filter System Installation and Operation Manual](#)

Comprehensive installation, commissioning, operation, and maintenance manual for the BWT R1 RSF and BWT R1 HWS water filter systems. Includes technical specifications, troubleshooting, and safety information.

 <p>The image shows the cover of the BWT Multi C Point of Entry Filter manual. It features a white cylindrical filter unit with a blue top. The text on the cover includes 'BWT Multi C', 'Point of entry filter', 'Type: 1000, 2000, 3000', and the BWT logo at the bottom.</p>	<p>BWT Multi C Point of Entry Filter Installation and Operating Manual</p> <p>This manual provides installation and operating instructions for the BWT Multi C Point of Entry Filter, including types 1000, 2000, and 3000. It covers scope of delivery, intended use, function, electrical power failure, installation conditions, factory settings, start-up procedures, maintenance, warranty, operator responsibilities, and technical specifications.</p>
 <p>The image shows the cover of the BWT FISPA VAC Rechargeable Pool & Spa Vacuum manual. It features a black and silver vacuum head. The text includes 'BWT FISPA VAC' and the BWT logo.</p>	<p>BWT FISPA VAC Rechargeable Pool & Spa Vacuum User Manual Operation, Maintenance & Troubleshooting</p> <p>Comprehensive user manual for the BWT FISPA VAC rechargeable pool and spa vacuum. Includes setup, operation, maintenance, safety warnings, troubleshooting, and warranty information.</p>
 <p>The image shows the cover of the BWT pro-soft 11 water softener manual. It features a black water softener unit. The text includes 'BWT pro-soft 11' and the BWT logo.</p>	<p>BWT pro-soft 11 Fitting and Operating Instructions</p> <p>Comprehensive guide for the BWT pro-soft 11 water softener, covering installation, operation, maintenance, and troubleshooting. Learn how to effectively soften your domestic water supply.</p>
 <p>The image shows the cover of the BWT In-Line Drinking Water Filter Kit manual. It features a white in-line filter unit. The text includes 'BWT In-Line Drinking Water Filter Kit' and the BWT logo.</p>	<p>BWT In-Line Drinking Water Filter Kit: Installation and Operating Guide</p> <p>Comprehensive installation, operation, and troubleshooting guide for the BWT In-Line Drinking Water Filter Kit, including specifications, parts, precautions, and maintenance.</p>
 <p>The image shows the cover of the BWT AQA life Duplex Vandblødgøringsanlæg manual. It features a blue duplex water softener unit. The text includes 'BWT AQA life' and the BWT logo.</p>	<p>BWT AQA life: Installations- og Brugermanual for Duplex Vandblødgøringsanlæg</p> <p>Komplet installations- og brugermanual for BWT AQA life duplex vandblødgøringsanlæg. Indeholder vejledning til installation, drift, vedligeholdelse og sikkerhed.</p>