

BWT 15

BWT Bestico 15 Water Filter Cartridge Instruction Manual

Model: 15 | Brand: BWT

1. PRODUCT OVERVIEW

The BWT Bestico 15 Water Filter Cartridge is designed to optimize water quality for ice machines, ensuring crystal-clear, taste-free ice and protecting appliances from limescale and other impurities. This filter provides dual-stage protection, combining advanced filtration technologies for comprehensive water treatment.

The coolest filter for crystal-clear ice!



Image 1.1: The BWT Bestico 15 filter cartridge, designed for producing crystal-clear ice.

Key Features:

- **Comprehensive Protection:** Dual-stage filtration system effectively safeguards ice machines from limescale particles and odors.
- **Crystal-Clear Ice Quality:** Consistently delivers hygienic, odor-free ice, reducing appliance downtime and extending its lifespan.
- **High Capacity:** Filters up to 40,000 liters of water, offering a long service life of up to 6 months.
- **Compact Design:** Slim 130 mm diameter allows for installation in small spaces.

2. SETUP AND INSTALLATION

The BWT Bestico 15 filter cartridge is designed for quick and flexible installation, minimizing setup time and water waste.

Installation Steps:

1. **Prepare the Installation Site:** Ensure adequate space for the filter, considering its dimensions (Height

without frame: 368 mm, Diameter: 88 mm).

2. **Mount the Filter Head:** The cartridge is compatible with the BWT besthead FLEX, allowing for horizontal or vertical mounting. Secure the filter head firmly.
3. **Connect Water Lines:** Connect the raw water inlet to the filter head and the optimized water outlet to your ice machine. Connections are 3/8" x 3/8".
4. **Insert the Cartridge:** Twist the Bestico 15 cartridge into the filter head until it is securely seated.
5. **Commissioning:** The system allows for fast commissioning with no laborious flushing required, saving water and time.
6. **Check for Leaks:** After installation, slowly open the water supply and check all connections for any leaks.

Image 2.1: Installation diagram and technical specifications for BWT Bestico filters.

3. OPERATING PRINCIPLES

The BWT Bestico 15 filter employs a multi-stage filtration process to deliver high-quality water for ice production:

TECHNICAL DATA

BWT bestico	15	20
Typical filter capacity in liters	40,000	60,000
Particle filtration in µm	1	1
Height without frame (A) in mm	368	403
Connection height (B) in mm	330	365
Ø Filter cartridges (C) in mm	88	105
Weight in kg, approx. (dry/wet)	0.7/1.5	1.1/2.8
Filter change after month	after 6 or 12*	after 6 or 12*

Main benefits

- » Comprehensive protection for ice-making appliances
- » Constantly crystal-clear ice – minimizes downtimes
- » Get started quickly and save water with no laborious flushing
- » Easy to install using universal BWT besthead FLEX technology
- » Compact size – also ideal for small ice machines
- » Highly efficient thanks to high filter capacity

Operating conditions

Input pressure: 2 – 8 bar
Water temperature: 4 – 30 °C
Ambient temperature: 4 – 40 °C

Image 3.1: Internal diagram of the BWT Bestico filter showing the multi-stage filtration process.

1. **Particle Pre-filter:** Removes rough particles from the raw water. This stage utilizes a polypropylene depth filter combined with active carbon and silver for high dirt absorption capacity.
2. **Main Filter Level (Active Carbon with Silver):** Reduces organic substances and compounds that cause foreign odors or tastes (e.g., chlorine). The silver treatment enhances hygienic properties.
3. **Limescale Stabilization:** Utilizes BWT polyphosphate to stabilize limescale-forming minerals, preventing scale buildup in the ice machine and ensuring consistent performance.

This comprehensive process ensures that the water supplied to your ice machine is optimized for clarity, taste, and appliance longevity.

4. MAINTENANCE

Regular maintenance of your BWT Bestico 15 filter cartridge is essential to ensure continued optimal performance and protection for your ice machine.

Filter Replacement:

- The BWT Bestico 15 filter cartridge has a typical filter capacity of 40,000 liters.
- It is recommended to change the filter cartridge after 6 to 12 months of use, or when the filter capacity is reached, whichever comes first.
- To replace the filter, turn off the water supply to the filter head.
- Twist the old cartridge counter-clockwise to remove it.
- Insert the new cartridge by twisting it clockwise until it is securely in place.
- Slowly turn on the water supply and check for any leaks.
- Dispose of the used filter cartridge according to local regulations.

Failure to replace the filter cartridge at recommended intervals may lead to reduced water quality and potential damage to your ice machine due to limescale buildup or other impurities.

5. TROUBLESHOOTING

If you experience issues with your BWT Bestico 15 filter system or ice machine performance, consider the following common troubleshooting steps:

- **Reduced Water Flow:**
 - Check if the water supply valve is fully open.
 - The filter cartridge may be clogged. Replace the filter if it has reached its capacity or recommended service life.
- **Poor Ice Quality (Cloudy, Odor, Taste):**
 - The filter cartridge may be exhausted. Replace the filter.
 - Ensure the filter was installed correctly and is securely seated.
- **Leaks at Connections:**
 - Turn off the water supply immediately.
 - Check all connections for proper tightening.
 - Ensure O-rings and seals are correctly positioned and not damaged.

If problems persist after performing these checks, contact BWT customer support or a qualified technician.

6. SPECIFICATIONS

Detailed technical specifications for the BWT Bestico 15 Water Filter Cartridge:

Feature	Specification
Model	Bestico 15
Manufacturer	BWT
Material	Acrylonitrile Butadiene Styrene (ABS)
Typical Filter Capacity	40,000 Liters

Feature	Specification
Filter Change Interval	After 6 or 12 months* (whichever comes first)
Particle Filtration	1 µm
Height without frame	368 mm
Connection Height	330 mm
Filter Cartridge Diameter	88 mm
Weight (dry/wet)	0.7 kg / 1.5 kg
Connections	3/8" x 3/8"
Input Pressure	2 – 8 bar
Water Temperature	4 – 30 °C
Ambient Temperature	4 – 40 °C






*Refer to product packaging or BWT documentation for specific recommendations based on water hardness and usage.

7. WARRANTY AND SUPPORT

For detailed information regarding the product warranty, please refer to the official BWT website or the warranty documentation included with your purchase. Warranty terms and conditions may vary by region and product.

For technical support, replacement parts, or further inquiries, please contact BWT customer service through their official channels. You can often find contact information on the product packaging or the manufacturer's website.

You may also visit the [BWT Store on Amazon](#) for additional product information and support resources.

	<p>BWT R1 RSF & HWS Water Filter System Installation and Operation Manual</p> <p>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>
	<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>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>BWT Multipur M Backwash Filter Installation and Operating Manual</p> <p>This manual provides comprehensive instructions for the installation, operation, maintenance, and troubleshooting of the BWT Multipur M backwash filter, covering models DN 65 through DN 150.</p>
	<p>BWT MONO SOFT Water Softener: Operation & Installation Guide</p> <p>Comprehensive guide for the BWT MONO SOFT water softener, covering installation, setup, operation, maintenance, and technical specifications. Ensure optimal performance and water quality.</p>



[BWT AQA therm HFB-1717 BA & HES Installation and Operating Instructions](#)

Comprehensive installation and operating instructions for the BWT AQA therm HFB-1717 BA and AQA therm HES heating water protection systems. Covers safety, functions, application, technical data, installation, commissioning, servicing, troubleshooting, and parts.