

BWT 57160-b2b

BWT Besthead FLEX Filter Head Instruction Manual

Model: 57160-b2b

Brand: BWT

1. PRODUCT OVERVIEW

The BWT Besthead FLEX is a universal filter head designed for use with BWT water+more filter candles. It features innovative FLEX connection technology, allowing for flexible installation in various environments, especially where space is limited. This filter head ensures optimal water flow and water optimization at the point of use, contributing to improved water quality.

2. KEY FEATURES

- **FLEX Connection Technology:** Provides maximum flexibility during installation, adapting to various setup requirements.
- **Secure Bypass Adjustment:** Features an easy-to-recognize display and a simple, safe blending adjustment mechanism.
- **Easy Vent Valve:** Facilitates hands-free and completely self-acting de-aeration within 30 seconds, ensuring efficient operation.
- **Integrated Check Valves:** Two DVGW compliant check valves prevent water backflow into the drinking water line or filter candle, protecting against uncontrolled water loss.
- **Food-Grade Materials:** Constructed from high-quality materials suitable for food contact, ensuring safety and hygiene.
- **Standard Wall Mounting:** Designed for easy and secure wall installation.

3. COMPONENTS AND DIAGRAM

The BWT Besthead FLEX filter head system consists of several key components:

- **Holding Clip:** Secures the filter head in place.
- **'FLEX' Mount:** Features 30° raster teeth for simple insertion and anti-twist security.
- **'FLEX Insert':** Easy to plug in for any installation situation.

- **Raw Water Inlet:** Where unfiltered water enters the system.
- **Filter Candle:** The replaceable BWT water+more filter element.
- **Optimized Water Outlet:** Where filtered water exits the system.
- **Ventilation Hose:** For de-aeration.
- **'EASY Bypass' Adjustment:** Secure locking with easily recognizable setting.
- **'EASY Vent' De-aeration Valve:** Simple and reliable de-aeration.
- **Connection Piece 90° Bend:** Made from GFK (glass-fiber reinforced plastic) for rational installation.

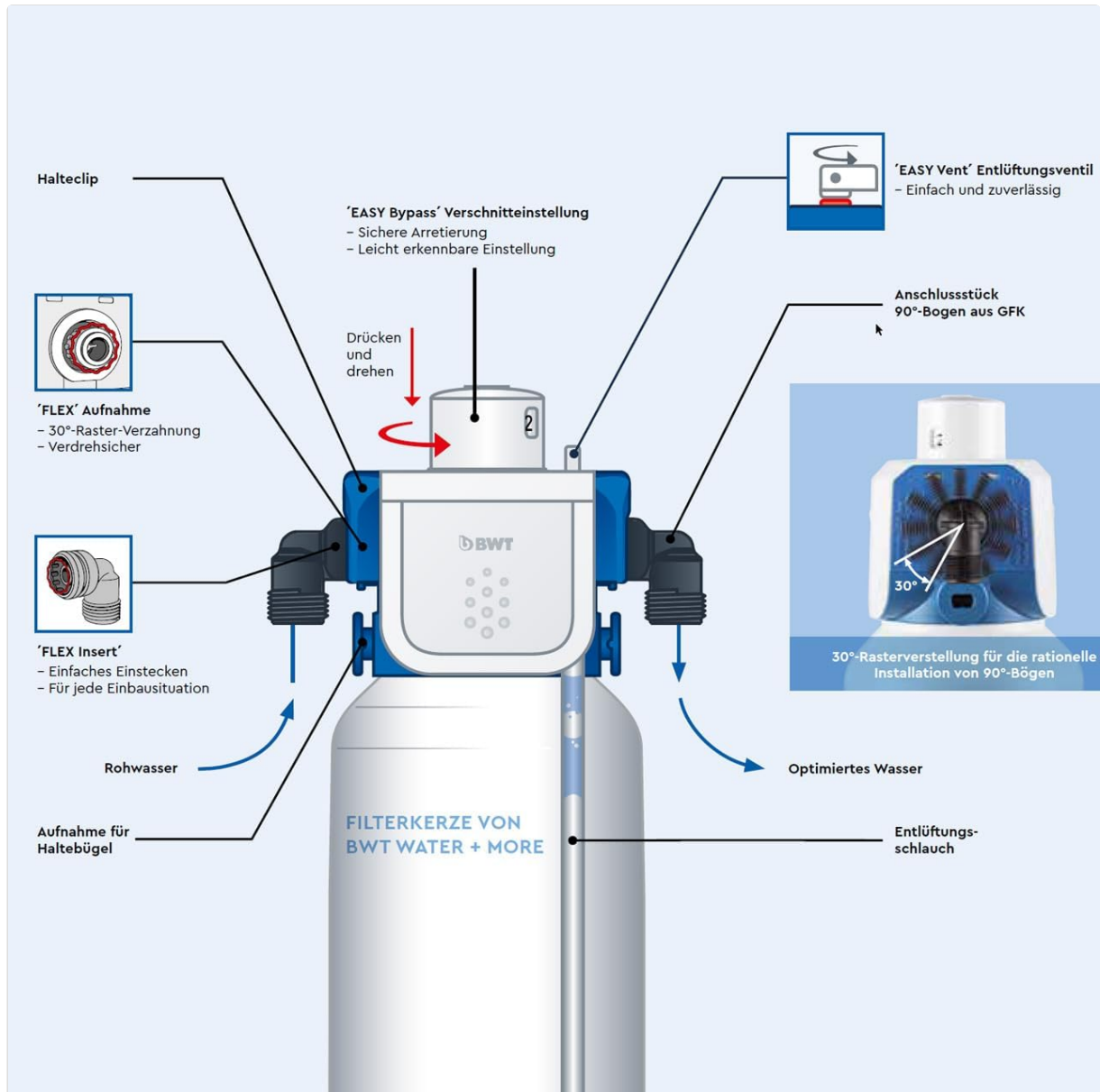


Figure 1: Detailed diagram illustrating the components and water flow within the BWT Besthead FLEX system.

4. INSTALLATION GUIDE

Follow these steps for proper installation of your BWT Besthead FLEX filter head:

1. **Mounting the Filter Head:** The BWT Besthead FLEX is designed for standard wall mounting. Ensure a stable surface is chosen.
2. **Connecting Water Lines:** Utilize the FLEX connection technology for easy and secure attachment of water lines. Ensure all connections are tight to prevent leaks. The system includes two DVGW compliant check valves to prevent backflow.

3. **Inserting the Filter Candle:** The filter head is compatible with all standard BWT water+more filter candles. Insert the chosen filter candle into the head.
4. **Bypass Adjustment:** Adjust the bypass setting as required for your specific water conditions. The 'EASY Bypass' feature allows for simple and secure adjustment by pressing and turning the dial.
5. **De-aeration:** After installation and initial water flow, use the 'EASY Vent' de-aeration valve to release any trapped air. This process is hands-free and typically self-acting within 30 seconds.



Figure 2: Close-up of the BWT Besthead FLEX showing the 'EASY Bypass Setting' dial.



Figure 3: Close-up of the BWT Besthead FLEX highlighting the 'EASY Vent' valve for de-aeration.



Figure 4: An example of the BWT Besthead FLEX installed with a filter candle and connected hoses.

5. OPERATING INSTRUCTIONS

Once installed, the BWT Besthead FLEX operates automatically to filter your water. Ensure the bypass setting is correctly configured for your water hardness. The easy-to-recognize display on the bypass adjustment dial allows for clear monitoring of the setting.

6. MAINTENANCE

- **Filter Candle Replacement:** The filter head features an automatic water stop function, simplifying the filter candle replacement process. Refer to your specific BWT water+more filter candle's instructions for recommended replacement intervals.

- **De-aeration:** If air becomes trapped in the system (e.g., after a filter change or water supply interruption), use the 'EASY Vent' valve to release it.
- **Regular Inspection:** Periodically check all connections for leaks and ensure the filter head is securely mounted.

7. TECHNICAL SPECIFICATIONS

Specification	Value
Model Number	57160-b2b
Material	Plastic
Input Pressure	2-8 bar
Ambient Temperature	4-40 °C
Water Temperature	4-30 °C
Number of Items	1

8. TROUBLESHOOTING

- **Filter Cartridge Not Fitting:** In some cases, particularly with certain machine types (e.g., WMF machines), the filter cartridge may not fit below an existing filter head. Ensure compatibility before purchase or consult a professional for alternative solutions.
- **Water Leaks:** Check all connections for tightness. Ensure O-rings and seals are correctly seated and undamaged.
- **Reduced Water Flow:** This may indicate a clogged filter candle. Replace the filter candle if it has reached its service life or appears obstructed.
- **Air in System:** Use the 'EASY Vent' valve to release trapped air.

9. WARRANTY AND SUPPORT

For warranty information, technical support, or further assistance, please refer to the official BWT website or contact BWT customer service directly. Keep your purchase receipt as proof of purchase.

Official BWT Website: www.bwt.com

10. PRODUCT VIDEOS

No official seller videos directly related to the BWT Besthead FLEX model 57160-b2b were found in the provided data.