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› [EcoFlush B8104 1.1 GPF \(4 Lpf\) Pressure Assisted Flush System Single Control - REPLACEMENT ONLY](#)

## EcoFlush B8104

# EcoFlush B8104 Pressure Assisted Flush System User Manual

Model: B8104 | Brand: EcoFlush

## 1. PRODUCT OVERVIEW

The EcoFlush B8104 is a 1.1 GPF (4 Lpf) pressure-assisted flush system designed for replacement in compatible toilets. This system is specifically engineered for use with pressure-assisted toilets from American Standard, Zurn, Gerber, and Crane, and serves as a direct replacement for existing EcoFlush units. It is also compatible with certain Sloan Flushmate models (M101526f3hgk, m101526f3hmk, m101526f3hck).

Utilizing patented flushing technology, the EcoFlush B8104 harnesses supply line water pressure and stores it within an engineered pressure vessel. When the flush handle is activated, a high-pressure water flow is discharged into the toilet bowl, creating an ultra-efficient and powerful flush. The product is tested and certified under cUPC and CSA codes, ensuring high quality and performance.

### Key Features:

- Replacement B8104 for American Standard, Zurn, Gerber, Crane toilets.
- Uses minimal water (1.1 Gallons per flush).
- Certified under CSA and cUPC codes.
- Powerful Flushing System.

## 2. SETUP AND INSTALLATION

Before beginning installation, ensure the main water supply to the toilet is turned off and the tank is drained. It is recommended to have basic plumbing tools available.

### 2.1 Unboxing the EcoFlush System



*Figure 1: Front view of the EcoFlush B8104 system, showing the main pressure vessel and connection points.*

The EcoFlush B8104 system arrives securely packaged in a cardboard box with protective foam inserts. Carefully open the box and remove the foam pieces. The main pressure vessel unit will be visible, often with hoses and valves zip-tied to keep components organized during transit.



Figure 2: Side view of the EcoFlush B8104 system, highlighting the hose connections and the main outlet.

Locate the separate package containing the flush handle and any small accessories. All components are designed for straightforward installation, typically involving plugging in and screwing in connections.

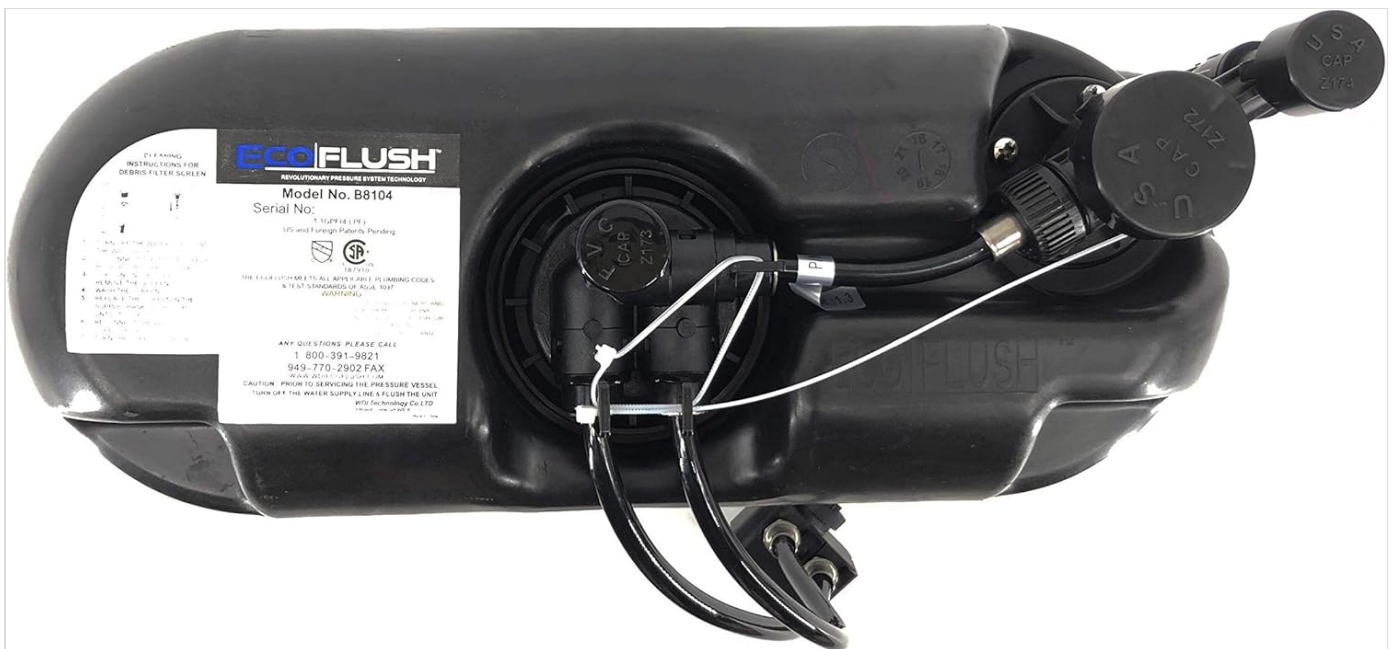


Figure 3: Top view of the EcoFlush B8104 system, showing the product label with model and serial number information.

## 2.2 Installation Steps (General)

1. **Prepare the Toilet:** Turn off the water supply to the toilet and flush to empty the tank. Disconnect the supply line

and remove the old flush system.

2. **Install the EcoFlush Unit:** Carefully place the EcoFlush B8104 unit into the toilet tank, ensuring it is properly seated.
3. **Connect Water Supply:** Attach the water supply line to the inlet connection on the EcoFlush unit. Ensure all connections are hand-tightened, then use a wrench for a final snug turn, being careful not to overtighten.
4. **Install Flush Handle:** Connect the new flush handle to the unit and secure it to the toilet tank.
5. **Test for Leaks:** Slowly turn the water supply back on. Allow the tank to fill and check for any leaks around the connections. Flush the toilet several times to ensure proper operation.

For detailed, model-specific installation instructions, refer to the documentation provided with your toilet or consult a qualified plumber.

### 3. OPERATING INSTRUCTIONS

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The EcoFlush B8104 system operates by storing water under pressure, which is then released to create a powerful flush. To operate the system:

1. **Tank Filling:** After each flush, the EcoFlush unit will automatically refill with water from the supply line, pressurizing the internal vessel. This process is typically quiet and efficient.
2. **Initiating a Flush:** To flush the toilet, simply depress the flush handle as you would with a standard toilet. The handle activates a valve that releases the pressurized water into the bowl.
3. **Powerful Discharge:** The stored high-pressure water creates a strong, rapid discharge, effectively clearing the toilet bowl with minimal water usage (1.1 GPF).

The system is designed for single-control operation, providing a consistent and powerful flush every time.

### 4. MAINTENANCE

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Regular maintenance helps ensure the longevity and optimal performance of your EcoFlush B8104 system. While the system is largely self-contained, periodic checks are recommended.

- **Cleaning:** Clean the exterior of the unit and the toilet tank as part of your regular bathroom cleaning routine. Avoid using harsh abrasive cleaners that could damage plastic components.
- **Leak Checks:** Periodically inspect all connections for any signs of leaks. Even small drips can lead to water waste and potential damage over time. Tighten connections if necessary, but do not overtighten.
- **Filter Screen (if applicable):** Some pressure-assisted systems may have a small filter screen at the water inlet. If you notice reduced flush performance, consult your toilet's manual to see if a filter screen is present and requires cleaning.
- **Avoid Tampering:** Do not attempt to disassemble the pressure vessel or internal components. These systems are factory-sealed and designed for specific pressure levels. Unauthorized tampering can void warranties and create safety hazards.

If you experience persistent issues or require internal component maintenance, it is recommended to contact a qualified plumbing professional or EcoFlush customer support.

### 5. TROUBLESHOOTING

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This section addresses common issues you might encounter with your EcoFlush B8104 system.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Weak or Incomplete Flush	Low water pressure; partially closed supply valve; clogged inlet filter.	Ensure main water supply is fully open. Check the toilet's supply valve. If applicable, clean the inlet filter screen.
Constant Running Water / Leaking	Loose connections; damaged seals/gaskets; internal valve issue.	Check and tighten all water connections. Inspect seals and gaskets for damage and replace if necessary. If the issue persists, professional assistance may be required.
No Flush when Handle is Depressed	Handle mechanism disconnected; no water in tank/system not pressurized.	Check if the flush handle is properly connected to the unit. Ensure water supply is on and the tank has refilled and pressurized.

If you are unable to resolve an issue using these steps, it is advisable to contact EcoFlush customer support or a certified plumber.

## 6. SPECIFICATIONS

Attribute	Detail
Manufacturer	EcoFlush
Part Number	B8104
Item Weight	3 pounds
Product Dimensions	15 x 12 x 10 inches
Item Model Number	B8104
Size	11.02" H X 15" W X 6.14" T
Color	Black
Water Consumption	1.1 Gallons per Flush
Maximum Pressure	12 Pound per Square Inch
Certification	csa_certified
Special Features	Easy to Install

## 7. WARRANTY AND SUPPORT

For specific warranty information regarding your EcoFlush B8104 Pressure Assisted Flush System, please refer to the warranty card included with your product or visit the official EcoFlush website. Warranty terms typically cover manufacturing defects for a specified period from the date of purchase.

If you require technical assistance, have questions about installation, or need to report a product issue, please contact EcoFlush customer support. Contact details can usually be found on the product packaging, the manufacturer's website, or within the included documentation.

When contacting support, please have your product model number (B8104) and any relevant purchase information ready to expedite the process.



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This manual is for informational purposes only. Always consult a qualified professional for complex installations or repairs.