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› Liberty Pumps ASCENTII-ESW Macerating Toilet System User Manual

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Model: ASCENTII-ESW | Brand: Liberty Pumps

INTRODUCTION

This manual provides detailed instructions for the safe and efficient installation, operation, and maintenance of your Liberty Pumps ASCENTII-ESW Macerating Toilet System. Please read all instructions carefully before beginning installation or use to ensure proper function and to prevent injury or damage. Keep this manual for future reference.

SAFETY INFORMATION

- Always disconnect power before performing any service or maintenance on the unit.
- Ensure all electrical connections comply with local codes and standards.
- Do not operate the unit if any part is damaged or if the power cord is frayed.
- This system is designed for domestic wastewater only. Do not dispose of foreign objects, chemicals, or flammable materials into the toilet.
- Wear appropriate personal protective equipment (PPE) during installation and maintenance.

PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- ASCENTII-ESW Macerating Toilet System (includes toilet bowl and integrated macerating pump unit)
- Toilet Seat
- Installation Hardware
- User Manual (this document)

SETUP AND INSTALLATION

The Liberty Pumps ASCENTII-ESW Macerating Toilet System allows for bathroom additions and remodeling without the need for breaking concrete floors. Follow these steps for proper installation:

1. **Site Preparation:** Choose a suitable location for the floor-mounted toilet. Ensure access to a 115V electrical outlet and appropriate plumbing connections for water supply and discharge.
2. **Positioning the Unit:** Carefully place the macerating toilet system in its desired location. The unit is designed for floor-mounted installation.
3. **Water Supply Connection:** Connect the water supply line to the toilet's fill valve. Ensure all connections are tight to prevent leaks.
4. **Discharge Plumbing:** Connect the discharge pipe from the macerating unit to the main drain line. Ensure proper slope for gravity flow where applicable, and secure all connections. The system features advanced RazorCut technology for efficient waste maceration before discharge.
5. **Electrical Connection:** Plug the unit into a dedicated 115V electrical outlet. Ensure the circuit meets the power requirements of the 1/2 HP motor.
6. **Toilet Seat Installation:** Attach the included toilet seat to the vitreous china bowl according to the instructions provided with the seat hardware.
7. **Testing:** Once all connections are secure, turn on the water supply and check for leaks. Flush the toilet several times to ensure proper operation of the macerating pump and discharge.



An image showing the complete Liberty Pumps ASCENTII-ESW macerating toilet system, including the toilet bowl and the integrated macerating pump unit, ready for installation.

OPERATING INSTRUCTIONS

The Liberty Pumps ASCENTII-ESW Macerating Toilet System operates similarly to a standard toilet, with the added benefit of an integrated macerating pump.

- Flushing:** After use, depress the flush handle. The toilet will initiate a 1.28 GPF (Gallons Per Flush) cycle.
- Maceration Cycle:** The integrated pump will automatically activate to macerate waste and pump it to the drain line. The pump will run for a short period until the waste is cleared.
- Refill:** The toilet bowl will then refill with fresh water, ready for the next use.

MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your macerating toilet system.

- Routine Cleaning:** Clean the toilet bowl and exterior surfaces regularly using standard non-abrasive toilet cleaners. Avoid harsh chemicals that could damage plastic or rubber components.
- Electrode Cleaning:** Periodically, mineral buildup can occur on the electrical probes (electrodes) within the macerating unit, which detect water levels and activate the pump. If the unit runs continuously or fails to pump, disconnect power, access the macerator unit (often via a removable service panel), and carefully clean the electrodes with a brush and mild detergent. Reconnect power and test.
- Cutter Area Access:** The unit features a removable service panel that provides quick access to the cutter area without disconnecting the plumbing. This allows for inspection or clearing of obstructions if necessary. Always disconnect power before opening the service panel.
- Winterization:** If the unit is in an unheated area, ensure it is properly drained and winterized to prevent freezing damage.

TROUBLESHOOTING

Refer to the following table for common issues and their solutions:

Problem	Possible Cause	Solution
Unit does not pump or activate.	No power; clogged electrodes; motor failure.	Check power supply. Clean electrodes (see Maintenance). Contact support if motor issue suspected.
Unit runs continuously or for too long.	Clogged electrodes; foreign object in pump; faulty sensor.	Clean electrodes (see Maintenance). Disconnect power and inspect cutter area via service panel for obstructions. Contact support if issue persists.
Toilet is leaking.	Loose connections; damaged seals.	Inspect all plumbing connections and tighten as needed. Check seals and gaskets for damage and replace if necessary.
Unusual noise during operation.	Foreign object in macerator; worn motor bearings.	Disconnect power and inspect cutter area for foreign objects. If noise persists, contact support.

SPECIFICATIONS

- Model:** ASCENTII-ESW
- Brand:** Liberty Pumps

- **Power:** 1/2 HP, 115V
- **Flush Volume:** 1.28 Gallons Per Flush (GPF)
- **Material (Bowl):** Vitreous China
- **Material (Seat):** Plastic
- **Dimensions (D x W x H):** 29.75" x 20" x 32.25"
- **Color:** White
- **Installation Method:** Floor Mounted
- **GTIN/UPC:** 671812118674

WARRANTY

For detailed warranty information, please refer to the official warranty document included with your product or visit the Liberty Pumps official website. Keep your proof of purchase for warranty claims.

SUPPORT

If you require technical assistance, replacement parts, or have questions not covered in this manual, please contact Liberty Pumps customer support. Contact information can typically be found on the manufacturer's website or on the product packaging.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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