Recirculating Tank Manual

Models: EL9731, EL9732 & EL9749

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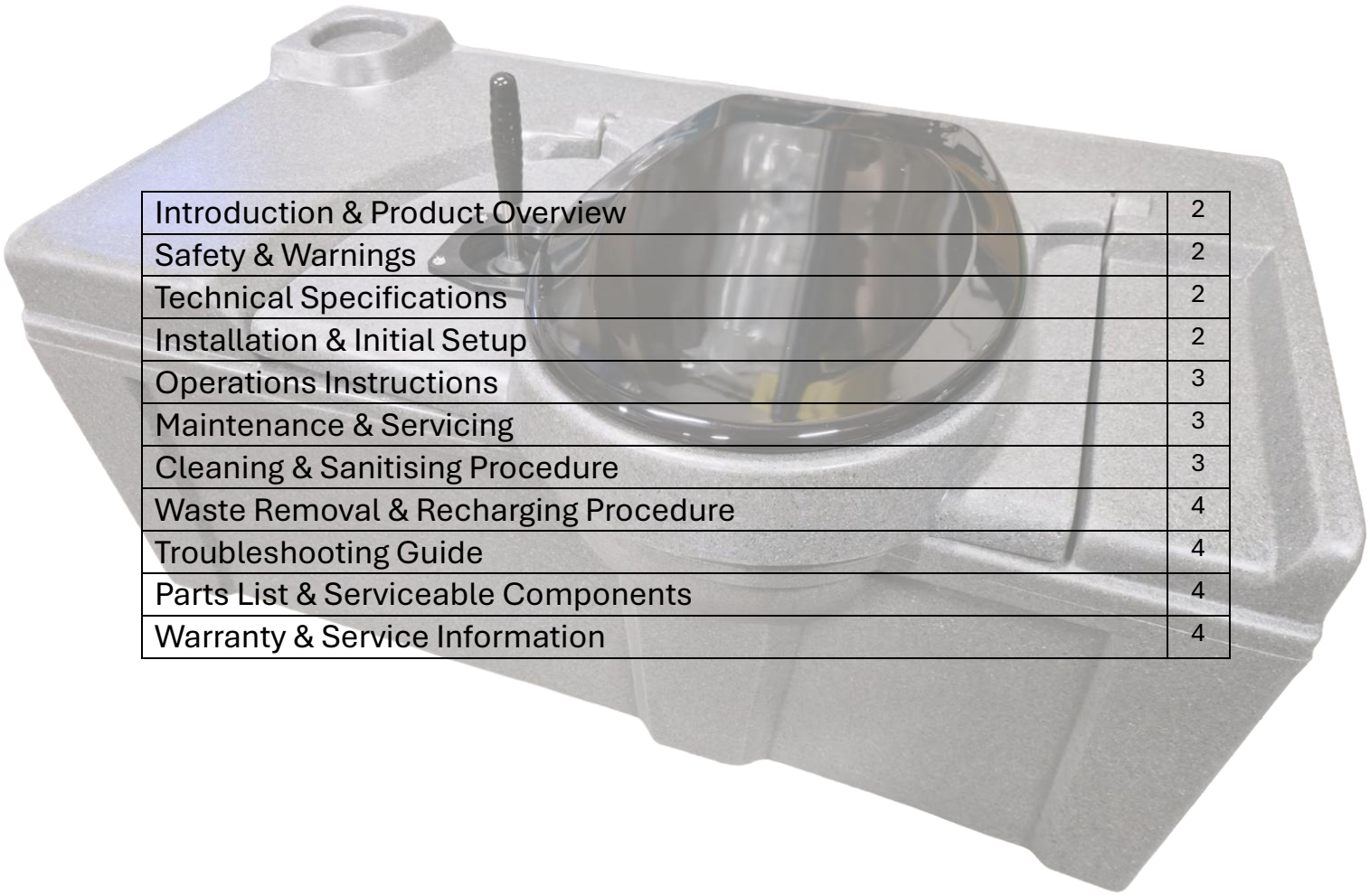

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1. Introduction & Product Overview

This recirculating flush tank is designed for use in portable toilets, welfare cabins, and similar temporary sanitation facilities. The tank collects waste and recirculates treated flush water through a pump and filter system. We offer this tank with bases to suit both floor cut-outs and uncut ones, providing stability and efficient waste collection through an integrated sump.

2. Safety & Warnings



- Always treat waste as a biohazard. Use appropriate PPE.
- Only trained personnel should empty or service the tank.
- Use only approved toilet chemicals compatible with polyethylene tanks.
- Ensure the tank is securely fixed during installation.
- Waste must be disposed of by an authorised waste carrier in accordance with UK regulations.

3. Technical Specifications

- Capacity: 180L to 210L (depending on your base).
- Construction: Moulded polyethylene.
- Dimensions: 1040 mm (W) × 400 mm (H) × 540 mm (D).
- Sump types: Curved, Flat or 50-Pence (Vee-shape).
- Flush system: Manual with filter assembly.
- Mounting: using installation cut-outs or flat on the floor.

4. Installation & Initial Setup

1. Prepare the floor cut-out and verify structural support.
2. Place the tank securely in the recess.
3. Bolt the tank using provided fixing plates/bolts.
4. Check connection on the pump, filter and hoses.
5. Fill with approved sanitation chemicals according to seller specification.
6. Test the flush system for correct operation.

5. Operation Instructions

- The tank collects all waste from the toilet bowl.
- Flush water is recirculated via the pump and filter system.
- Service interval guideline: weekly for up to seven workers on a 40-hour week.
- Increase servicing frequency during heavy use (e.g. events, higher staff number).

6. Maintenance & Servicing



- Empty and clean the tank weekly or as required.
- Rinse thoroughly and clean all internal surfaces.
- Inspect the pump, hoses, seals and filter.
- Replace worn components as needed.
- Recharge with fresh water and toilet chemical before reuse.
- Always follow manufacturer recommendations.

7. Cleaning & Sanitising Procedures

1. Empty all waste using an authorised waste carrier.
2. Rinse the tank with clean water.
3. Apply a non-abrasive cleaner safe for polyethylene.
4. Scrub internal surfaces and sump thoroughly.
5. Rinse again and apply a suitable disinfectant.
6. Allow to dry before recharging.

8. Waste Removal & Recharging Procedure

- Ensure the drain valve is closed before use.
- When servicing, open the drain valve and empty waste into an approved vehicle.
- After emptying, rinse and close the valve securely.
- Refill with fresh water and correct dosage of toilet chemical.
- Test flush operation before returning to service.



9. Troubleshooting Guide

- Weak or no flush: Check pump, filter, blockages.
- Odour: Tank nearing capacity or chemical exhausted—empty and recharge.
- Water not recirculating: Check filter positioning and suction hose.
- Leaks: Inspect fittings, seals and drain valve.
- Structural damage: Remove from service and inspect for repair or replacement.

10. Parts List & Serviceable Components

- Tank shell with different base types available.
- Flush pump (manual).
- Filter and suction hose assembly.
- Seat.

11. Warranty & Service Information

- Warranty covers defects in materials and workmanship.
- Excludes misuse, improper installation, chemical damage or unauthorised modifications.
- Contact your supplier for support, spare parts or technical assistance.