

Integrated Hand Dryer & Soap Dispenser

TECHNICAL SPECIFICATION

This specification covers the supply and installation of sensor-operated hand dryer and soap dispenser units, fully integrated within the **Lumos Integrated Amenity Cabinet System**. All components are concealed within the cabinet, serviceable from within, and designed for reliable, hygienic operation in high-traffic commercial washrooms.

Concealed Installation

All wiring and fixings hidden within the lockable, hinged cabinet system.

Touch-Free Operation

Infrared sensor activation on both dryer and soap dispenser for full hygiene compliance.

Commercial Grade

Engineered for high-traffic environments with robust, tamper-resistant construction.

Rapid Maintenance

Designed for simplified servicing and refill access via the integrated cabinet door.

Component Technical Specifications

The system comprises two primary units — the **GSQ130 Automatic Hand Dryer** and the **ZYQ210 Automatic Soap Dispenser** — each engineered for seamless integration within the cabinet and optimised for commercial performance.

GSQ130 Hand Dryer

Electrical

- 220–240V AC, 50Hz / 110–120V AC, 60Hz
- Rated Power: 1300W
- Current: 5.7A (220–240V) / 11.8A (110–120V)

Performance

- Air Volume: 160 m³/h
- Air Velocity: 17 m/s
- High-speed airflow for rapid drying
- Low-noise operation

Construction & Safety

- Die-cast base, aluminium alloy cover
- Powder-coated or brushed finish options
- Fire-resistant and durable construction
- IP Rating: IP21
- Digital circuit with anti-interference capability

Physical Data

- Unit Weight: 3.2 kg
- Packing Size: 590 × 302 × 450 mm

ZYQ210 Soap Dispenser

Operation & Dosing

- Fully automatic, touch-free infrared sensor
- Fixed dosage: 1 mL per activation
- Tank Capacity: 2000 mL (2 litres)

Power Supply Options

- DC 5V or DC 10V (3.0VA)
- Battery: 4 × 1.5V (LR6) batteries
- Motion Detection: AC 220V ~50Hz / AC 110–120V / 60Hz

Key Features

- Large-capacity cartridge for high-traffic use
- Consistent dosing to minimise waste
- Designed for cabinet integration

Physical Data

- Unit Weight: 1.4 kg
- Packing Size: 425 × 400 × 347 mm

1300W

Dryer Power

Rated output for rapid hand drying

17 m/s

Air Velocity

High-speed airflow performance

2L

Soap Capacity

Large-capacity tank per cartridge

1 mL

Dose Per Use

Consistent, waste-minimising dispensing

Integration, Installation & Compliance

Both units are factory-installed within the preassembled integrated mirror cabinet. All wiring and fixings are fully concealed, with final electrical connections completed on site. Installation must follow manufacturer guidelines and be coordinated with MEP services to ensure correct electrical supply and spatial coordination.

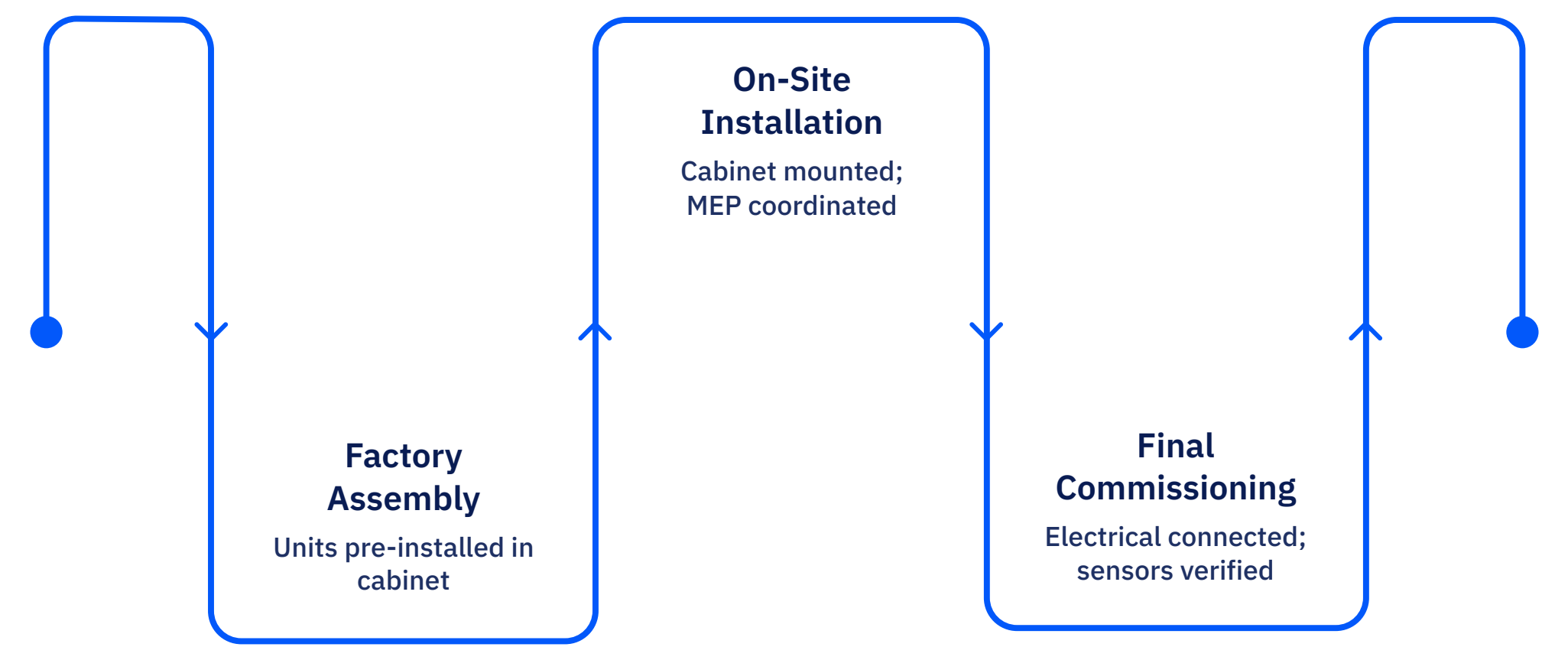
Integration Requirements

- Factory-installed within integrated mirror cabinet
- All wiring and fixings concealed within cabinet body
- Access via lockable, hinged cabinet system
- Suitable for rapid maintenance and refill access
- Compatible with high-usage commercial environments

Performance Requirements

- Reliable, continuous operation in high-traffic areas
- Hygienic, touch-free functionality maintained throughout service life
- Resistant to tampering and wear
- Simplified maintenance and servicing procedures

Compliance: All equipment shall comply with local electrical standards, commercial washroom safety requirements, and manufacturer performance specifications. Refer to the manufacturer datasheet for full certification details.



The preassembled approach significantly reduces on-site installation time and minimises the risk of incorrect wiring or component misalignment. Coordination with MEP services prior to installation is essential to confirm electrical supply voltages and confirm spatial clearances within the washroom layout.