

BtM

Hand dryer + Water faucet + Soap dispenser



BTM02 (Closed)



BTM02 (Open)

General description BTM02:

- Complete sanitary cabinet featuring a lockable mirror. Includes a high-speed hand dryer, touch-free faucet for premixed water (optional mixing valve available), touch-free soap dispenser, and LED pictograms.
- Cabinet made with a black matt finish DM black wood and have a front door that includes a mirror.
- The mirror has frontal backlit pictograms for each function (soap, water and air).
- The door top hung opened, is key locked and has 2 pneumatic pistons that helps the opening and closing process.
- Drastically reduces water and soap consumption (faucet & soap dispenser).
- No physical contact, protecting users against cross contamination.
- Sensor settings and soap dosage adjustable (hand dryer, faucet & soap dispenser).
- A single electrical point is enough to power all the cabinet elements and pictogram backlights.
- If the mirror is broken no mirror pieces will fall down.
- Available with towel paper dispenser instead of hand dryer, model BTM03.
- Easy installation cabinet.

Components and materials:

- **WATER, sensor operated faucet (GA024BTM):** wall-mounted and water-saving solution for a rational and intelligent use of water.
- **AIR, hand dryer, Speedflow Plus (M17A-BTM24):** the eco-fast hand dryers' range of product.
- **SOAP dispenser (DJ024BTM):** touch free electronic dispenser for a hidden installation behind the mirror.

Sensor operated faucet (GA024BTM)

- Energy-efficient: Powered by a reliable 6 V power adaptor for long-lasting performance.
- Customizable settings: Easily adjust the water outlet direction for optimal use and comfort.
- Water flow <2 l/min (other flows optional)
- Operating rate 220-240 V, 50/60 Hz
- 4x LR6 battery case (Optional)
- Detection range, magnet adjustable
- Weight: 2.1 kg

Hand dryer, Speedflow Plus (M17A-BTM24)

- Operating rate 220-240V,50/60 Hz
- Total power 180-850 W
- Drying time, less than 12 seconds
- Automatic sensor range
- Finished: White
- Detection range, magnet adjustable
- Automatic safety cut-out, after 30 seconds of continuous use.
- Weight: 3.6 kg

Soap dispenser (DJ024BTM)

- Energy-efficient: Powered by a reliable 6 V power adaptor for long-lasting performance.
- Customizable settings: Easily adjust the soap outlet direction for optimal use and comfort.
- Soap viscosity (Gel:1-3.500 cps / Foam: 1-20 cps)
- Soap tank capacity: 1.8 l
- Suitable for other tank sizes, including standard 5 liter plastic drum (provided by user)
- Operating rate 220-240 V, 50/60 Hz
- 4x LR6 battery case (Optional)
- Detection range, magnet adjustable
- Weight: 3.8 Kg

Technical specifications (BTM02 Cabinet)

Weight	46.5 kg
Material	DM black wood / glass
Air	See data sheet M17-BTM24
Water	See data sheet GA024BTM
Soap	See data sheet DJ024BTM
Pictogram backlight	<10W
Cabinet backlight	<16W

Dimensions:

Dimensions: ± 4%

Text for prescription

Hygiene cabinet shall be composed of three integrated elements: an automatic hand dryer, a sensor-operated faucet, and a sensor-operated soap dispenser. The cabinet shall weigh 46,50 kg. It shall be manufactured from moisture- resistant DM wood with a matte black finish and shall include a front mirror door with LED pictograms indicating each component. The sensor faucet shall be equipped with an infrared sensor located at the bottom. The faucet shall weigh 2,10 kg. It shall operate at a frequency of 50/60 Hz and a voltage of 220–240 V, or alternatively on 4x LR6 1,5 V batteries. Water flow rate shall be under 2 L/min (other flow rates available). Motion detection distance shall be adjustable via magnet between 5 and 25 cm. The soap dispenser shall be equipped with an infrared sensor located at the bottom. The dispenser shall weigh 3,80 kg. It shall operate at a frequency of 50/60 Hz and a voltage of 220–240 V, or alternatively on 4x LR6 1,5 V batteries. The soap tank shall have a capacity of 1,80 L. The viscosity of the soap shall be 1–3.500 cps for gel and 1–20 cps for foam. Motion detection distance shall be adjustable via magnet between 5 and 25 cm. The unit shall comply with the applicable requirements of the European Low Voltage Directive (LVD) 2014/35/EU (EN 60335-1, EN 61000-3-2, and EN 61000-3-3). The integrated hands-under automatic hand dryer shall be equipped with an infrared sensor located at the bottom of the unit. The dryer shall weigh 3,20 kg. The housing shall be made of steel with a white finish and shall have a thickness of 1,5 mm. The base shall be made of aluminum. The dryer shall be equipped with a brushed Class F motor with an adjustable speed range between 23.000 and 32.000 rpm and a motor power of 180–350 W. A heating element with on/off switch and a power of 500 W shall be included. The unit shall operate at a frequency of 50/60 Hz and a voltage of 220–240 V, with a total power range of 180–850 W and a current consumption of 2,8–5 A. Drying time shall be between 10 and 12 seconds, with an airspeed of 290–400 km/h. Motion detection distance shall be adjustable via potentiometer between 5 and 20 cm. A HEPA filter shall be included as standard, and an ionizer shall be optionally available. The hand dryer shall comply with applicable standards for hand dryers: EN 60335-1, EN 60335-2-23, EN 61000-3-2, and EN 61000-3-3.

Operation behind the mirror cabinet

- Touch free electronic system. The faucet, soap dispenser and hand dryer are automatically active when user place their hands in the sensor range and stops when the users remove their hands.
- Active infrared sensing operation that also helps to optimize the flow rate water, soap and air and thereby supporting long-term ecological balance.
- Effective sensor range detection of 5-25 cm.



Hygienic



Adjustable Setting



Easy to install



ADA designed



Pending

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