



Ref: **GW01 40**

FALCON series hand dryer AISI304 Stainless steel white



GW01 40 04 00

AISI 304 stainless steel White



GW01 40 04 01

AISI 304 stainless steel Satin finish



GW01 40 04 03

AISI 304 stainless steel Matt black

DESCRIPTION

COMPONENTS AND MATERIALS

- Housing – 1.5mm AISI 304 stainless steel. Anti-fingerprint treatment. Screws for securing to the safety base, easy to install.
- Front panel – Air inlet comprising a stainless steel front panel with a finish matching that of the housing.
- Internal plastics – 3.0 mm thick, made from flame-retardant thermoplastic (PA 6 UL94 V0).
- Base with 4-point wall mounting, incorporating 'silent-blocs' to dampen noise and mechanical vibrations.
- 'Plug-in' quick-fit system with safety screw.
- Motor – Universal motor with high-pressure brushes, 220–240 V, 31,000 rpm, Class F. Includes a thermal protection cut-out.
- Electronic control circuit – Intelligent circuit with minimal power consumption in 'standby' mode (0.5 Watt), enabling three motor operating modes and disconnection of the heating element. IR sensor-based detection. Illuminated status indicator in the air outlet area. Automatic disconnection of the heating element in the event of brush wear or motor failure.
- Heating element with nickel-chromium (NiCr) filament and mica-laminate structure, incorporating a thermal protection cut-out.
- Accessories pack – Screws and wall plugs (x4), spanner for the casing fixing screws and spanner for the 'plug-in' safety screw.
- Air disinfection and filtration components
- HEPA H14 air filter
- Negative ion and ozone generator
- UVC light with an automatic shut-off system should the casing be removed
- Odour-neutralising tablet (optional).

HOW IT WORKS

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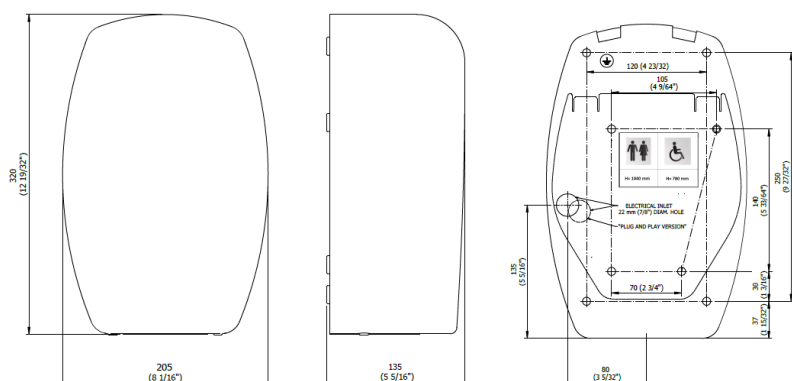
The infrared sensor automatically activates the hand dryer when hands are placed beneath the air outlet and within its detection range. The drying time is 12 seconds. The hand dryer will switch off automatically when you remove your hands from the sensor's detection range. The sensor has an automatic shut-off system (30 seconds) after start-up to prevent misuse of the appliance.

SPECIFICATION

FALCON** automatic hand dryer for installation in either quick-fit or 'plug-in' mode, as well as in conventional mode. The optimal drying system is based on a powerful bifurcated air jet that covers the width of both hands. Detection is carried out by the reflection of the infrared signal generated by the sensor located in the air outlet area. An LED is situated in this area, providing information on the device's status via its colour and brightness. For safety reasons, the heating element is automatically deactivated if the motor stops running. The motor and heating element are fitted with thermal cut-outs as protective measures. The plastic used for the internal components is PA6 UL94 V0 (flame-retardant). The casing and the air intake grille are both made of 1.5 mm thick AISI 304 stainless steel. The fastening of the casing to the base, as well as the screw securing the assembly to the 'plug-in' base, are security fastenings requiring a special key, which is supplied. The maximum continuous operating time is limited to 30 seconds to prevent misuse of the appliance. The motor power and noise level can be adjusted across three settings (ECO/MED/HIGH). The heating element can be disabled in hot environments or where minimal energy consumption is required. The dryer incorporates features for hygiene and the purification of the exhaust air (UVC light and a negative ion and ozone generator) in addition to the air filter (HEPA H14). Optionally, it can be fitted with an 'anti-odour tablet' designed to eliminate unpleasant odours in the room where the dryer is located. The unit comes with a 5-year warranty.

KEY FEATURES

Feature	Value
Voltage	220–240 V
Frequency	50/60 Hz
Air velocity	400 km/h
Air temperature	45 °C
Total power	230–900 W
Power resistance	400 W
Engine power	500 W
Intensity	1.0–3.9 A
Electrical insulation	Class I
IP Protection	IP24
Weight	4.1 kg
Drying time	12 s
Sound level at 2 m	69–74 dBA
R/min	31.000
Vandal-proof shut-off	30 s



MAIN SPARE PARTS

GW01 40 90 00 FALCON odour-control tablet pack

GW01 40 90 01 FALCON motor

GW01 40 90 01B FALCON motor brushes

GW01 40 90 02 FALCON heating element

GW01 40 90 03 FALCON circuit board

GW01 40 90 07 FALCON H14 HEPA filter

GW01 40 90 23 FALCON sensor replacement kit