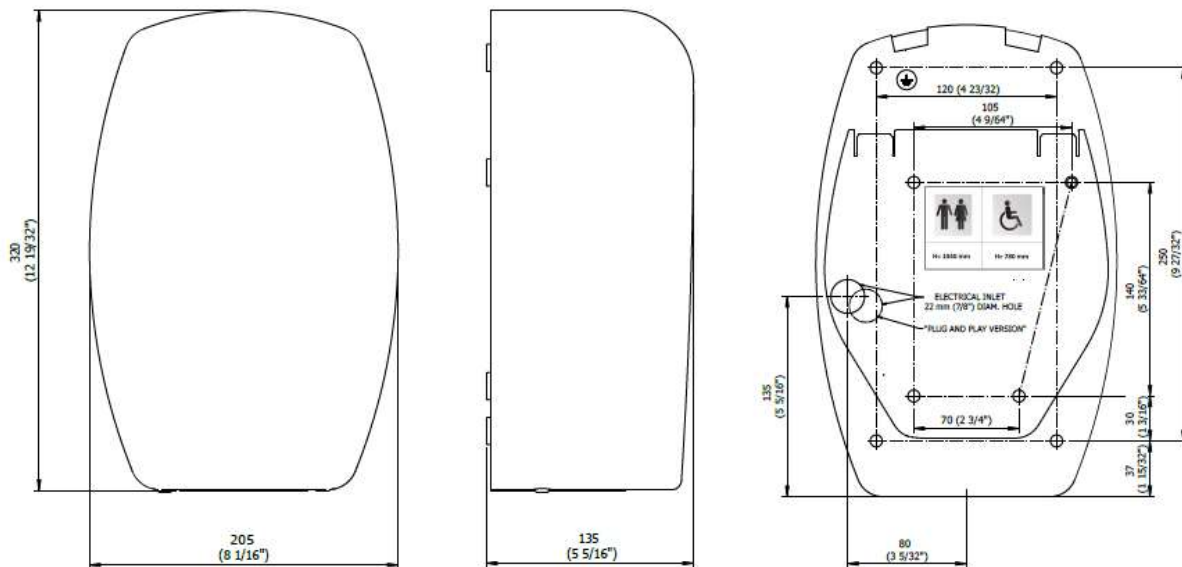




GW01 40 04 01V1

FALCON hand dryer brushed stainless steel



PRODUCT FEATURES

COMPONENTS & MATERIALS

- Cover – 1.5mm AISI 304 stainless steel. Fingerprint treatment. Vandal proof fixing screws, easy installation.
- Internal plastics – 3.0 mm thickness fire retardant thermoplastics (PA 6 UL94 V0).
- Mounting base with 4 anchor points, silent blocks included to reduce noise & mechanical vibrations.
- Plug-in installation system with tamperproof screw. Avoids rewiring.
- Motor – Universal with brushes, high pressure, 120 V, 31.000rpm, class F. Equipped with an automatic thermal-overload switch.
- Electronic control board – Smart electronic board with minimum consumption on “stand-by” (< 0.5 Watt). Motor power can be adjusted between three setting modes and heating element may be turned OFF. Infrared sensor detection. Equipped with a light information system on air outlet to inform unit status.
- Heating element - Coiled nickel-chrome heating element with a mica structure. Protected by an automatic thermal cut-out (bimetal).
- Fixings set – Screws & wall plugs (x4), security key to open cover & security key for fixation of main unit to plug-in system.
- Hygienic disinfection elements:
 - HEPA H14 filter
 - Negative ion & ozone generator
 - UV-C light – automatic disconnection when cover is removed.
 - Anti-odor Tablet (optional)

OPERATION

No-touch operation. Electronic sensor automatically turns dryer on when hands are held under air-outlet opening and across path of sensor. Remove hands from path of sensor and dryer stops. Drying time in 12". Electronic sensor will automatically shut dryer off after 30" dryer turns on if an inanimate object is placed across sensor lens. After inanimate object is removed, electronic sensor automatically resets itself and dryer operates normally.

ARCHITECTURAL SPECIFICATION

FALCON surface mounted hand dryer shall be energy efficient with power range from 230 to 900W. May be installed with the Plug-in base to avoid rewiring or be installed directly to the wall. Shall have an optimum dry system with a forked beam air outlet that covers the width of both hands. An infrared light strategically located on the air outlet shall detect hands placed beneath and turn the dryer ON. A led light placed on the air outlet shall inform status depending on the color and intensity. Dryer shall incorporate strict security measures. Heating element will automatically turn OFF when motor is not working. Motor & heating element will incorporate thermal limiters. All plastic materials for internal components will be type PA6 UL94 V0 (fire retardant). Cover and air inlet grill shall be manufactured in 1,5mm thickness AISI 304 stainless steel. The fastening of the cover to its base plate & unit to the "Plug-in" base will be done with tamper resistant security pin hex screws. The maximum running time of the dryer shall be 30' to avoid inappropriate use. Motor power & noise may be adjusted to three different levels (ECO/MED/HIGH). Heating element may be turned ON/OFF depending on the ambient temperature & energy consumption required. Dryer shall incorporate hygienic and air cleaning devices (HEPA H14 filter / UV light / Negative ion & ozone generator). Optionally an anti-odor tablet may be placed inside the dryer unit to sanitize the room where the dryer is installed.

Unit shall have a 5 year warranty.

MAIN FEATURES

Voltage	100-120V
Frequency	50-60Hz
Air speed	400 km/h
Air temperature	45°C
Total power	230 - 900 W
Heating element power	400 W
Motor power	500 W
Consumption	2.1 – 8.2 A
Electrical Insulation	Class I
IP rating	IP24
Weight	4.1 kg
Drying time	12"
Acoustic level at 2m	69 - 74 dBA
R/min	31.000
Vandal proof disconnection	30"

MAIN SPARE PARTS

GW01 40 90 00	Odour tablet pack FALCON hand dryer
GW01 40 90 01V1	Motor FALCON hand dryer
GW01 40 90 01B	Motor brushes set FALCON hand dryer
GW01 40 90 02V1	Heating element FALCON hand dryer
GW01 40 90 03V1	Main PCB FALCON hand dryer
GW01 40 90 07	HEPA H14 filter FALCON hand dryer
GW01 40 90 23	Sensor set FALCON hand dryer