

GW01 16 CONDOR series hand dryer

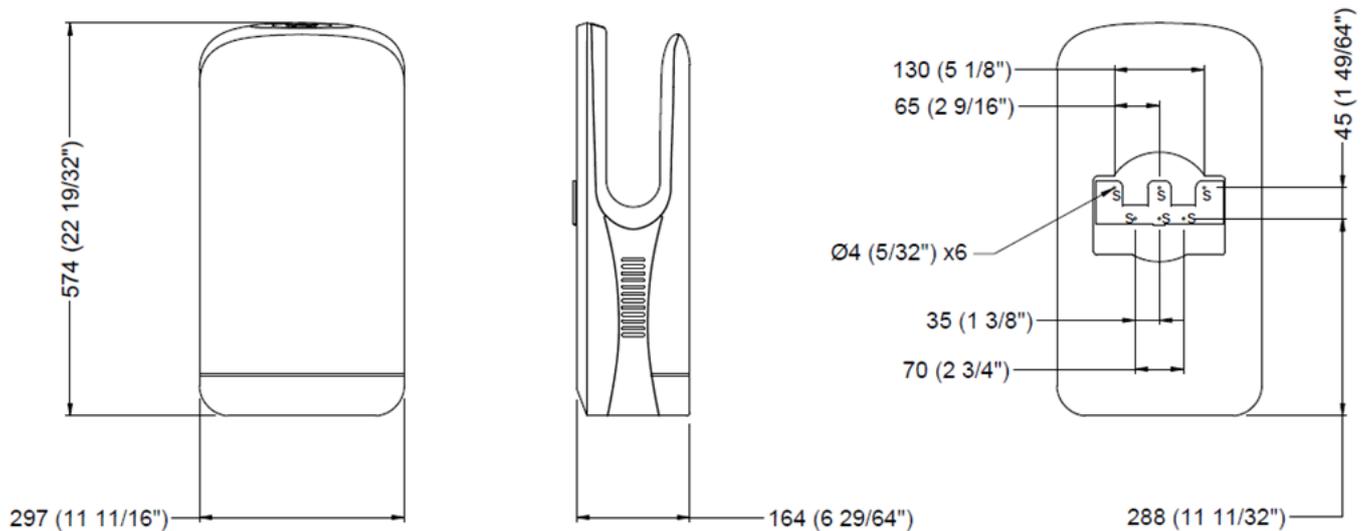


GW01 16 01 00
ABS White color



GW01 16 01 04
ABS Silver color

BACK VIEW WALL MOUNTING



PRODUCT FEATURES

COMPONENTS & MATERIALS

- Frontal Cover – It is made of high impact ABS thermoplastic 3.0 mm thick. GW01 16 00 01 in white color and GW01 16 00 04 in silver finish.
- Main base plate and the 'U' shape structure (air outlet and hand detection area) are made of ABS plastic material.
- Internal plastic parts (motor and heating element housings) are made of 3.0 mm thickness flame retardant strong thermoplastics (PA 6 UL94 V0).
- The motor – is a high pressure vacuum cleaner type brush universal type (220-240V, 33.000rpm, class F) and has a thermal protection.
- Main electronic circuit that makes the motor and heater operate when introducing hands.
Hands detection is based on IR beam obstruction (there are 3 pairs of IR sensors emitter and receiver located in hands drying area). The electronic board makes an light and acoustic alarm operate if the water tank is full. Also the energy consumption is reduced by using an NTC probe if room temperature exceeds Troom > 25°C. There is an upper screen with status light and water tank full light indicator. Finally there are two light strips when the hand dryer operates; one is located in the hands access area and the other one over the water tank.
- Heating element - Coiled nickel-chrome heating element with a mica structure. Protected by a thermal cut-out.
- Fixings set – Screws & wall plugs (x4) and a security key to fix cover.
- Hygienic disinfection elements: 2 x H13 HEPA air filter which are located at inlet lateral áreas and UV-C led. Air filters are very easy to remove and change.
- Fixing accessories bag – 5 x nylon plugs and screws and a safety key to access the HEPA filter housings.
- Rear wall mounting metal base plate made of white painted 1.5 mm thick steel.

OPERATION

No-touch operation. There are 3 pairs of IR sensors which are located in the hands access area that operate the appliance by obstruction of IR beam way. Electronic sensors automatically turns the dryer on when hands are introduced. The hand dryer will automatically shut off after 30" of continuous running operation. Then, hand must be removed for a new service.

MOUNTING

Mark and drill the 5 holes according to the mounting template which is supplied. Remove the excess dust and insert the nylon plugs. Secure the metal plate by tightening the 3 screws. Fit the hand dryer to the fixed base plate. Then secure the two other screws at the bottom and insert the water tank.

ARCHITECTURAL SPECIFICATION

'Condor' automatic 'hands in' hand dryer, compact in size with excellent drying features and low noise level. The hand dryer is a class II device made entirely of plastic materials (double insulation construction so the earth terminal is not required). The frontal cover is made of high-impact ABS thermoplastic material with two possible finishes (GW01 16 00 01 in white color and GW01 16 00 04 silver color). The drying of hands consists of the generation of high speed and homogeneous air from 18 rectangular 'slots' (12x1.5 mm size) which are located at both sides of hands access area. When introducing the hands, the electronic control makes the motor and heating element operate. Both essential components have thermal devices as a safety protection. The maximum continuous working time is Tsh = 30s; after this time the hands must be removed for a new use. The electrical consumption shall be reduced if room temperature is Troom > 25°C and drying features do not change. The hand dryer incorporates a NTC probe that acts as a temperature sensor and shuts the heater off in this case. The device also includes a UV-C led and two H13 HEPA air filter items which are located at air inlet areas (each lateral side) as hygiene components. On the top there is a panel screen that contains a 'status' light and the 'full tank' pilot indicator. The water tank is very easy to remove and clean. When the water tank is full then the light led on the screen operates and an acoustic alarm turns on. As option, the hand dryer can be prepared allowing its water pipe to be connected to a drainpipe from mains.

MAIN FEATURES

Voltage	220-240V
Frequency	50/60Hz
Air speed	390 km/h
Air temperature	42°C
Total power	1800 W
Heating element power	600 W
Motor power	1200 W
Consumption	7,8 A
Electrical Insulation	Class II
IP rating	IP24
Weight	5.7 kg
Drying time	12"
Acoustic level at 2m	74 dBA
R/min	33.000
Vandal proof disconnection	30"

MAIN SPARE PARTS

