

Zurich: Stainless Steel Hand Dryer

Architects
Data File

Product Detail



Product: Zurich
Code: SAN1018

Issue: 1
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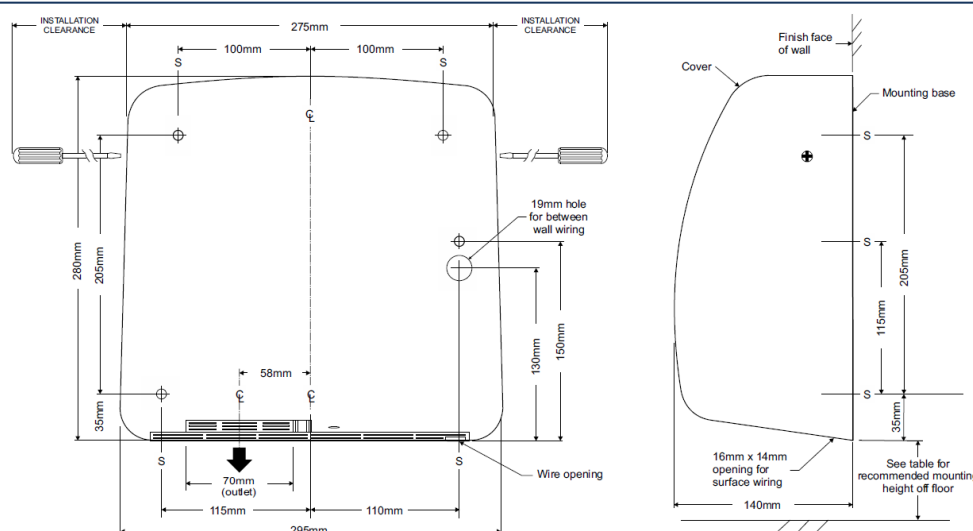
Product description:

Air hand dryers with infrared range and operates only when users hands are within sensor range, dries hands in under 25 seconds. Low maintenance model virtually eliminates servicing with double insulation to provide safe operation. Available in white on request.

Product: Zurich
Code: SAN1018
Zurich SAN1018W

Technical Detail:

Dimensions 274 wide x 277 high x 135 deep
Weight 2.5 Kgs
Air Outlet Temperature 45°C @ 20°C ambient
Electrical Supply 220/240 volts 50/60 Hz
Current Consumption 7.0 Amps @ 240 volts / Nominal Output 1.7 kW @ 240 volts
Control System Automatic, infrared, no-touch / Sensor Range 100mm vertically under outlet
Air Volume 190 m3/h / Air Velocity 16 m/s
Noise Level 65 dB(A) / Dry Time 24 seconds



Zurich: Stainless Steel Hand Dryer

Installation Detail

1. THE HAND DRYER SHOULD BE MOUNTED IN AN EASILY ACCESSIBLE POSITION AND SHOULD NOT IMPEDE PASSAGE THROUGH THE WASHING AREA. HAND DRYERS SHOULD NOT BE POSITIONED ABOVE WASH BASINS, SHELVES OR REFLECTIVE SURFACES AS THESE MIGHT CAUSE THE SENSOR TO MALFUNCTION. THE HEIGHT ABOVE FLOOR LEVEL TO THE BOTTOM OF THE DRYER SHOULD BE AS FOLLOWS:- MEN: 120 cm (47 ins.) / WOMEN: 110 cm (43 ins.) / CHILDREN: 90 cm (35 ins.) / HANDICAPPED: 100 cm (39 ins.)

2. Remove the cover from the dryer by extracting the three cross headed screws, one from each side, and one from the bottom face of the unit. Remove the cover by lifting from the bottom face.

3. Hold the paper template provided against the wall in the position required for the dryer, making sure that the bottom line of the template is horizontal and is the required height above floor level. Mark the centres of the four mounting holes and the position of the main cable entry on the wall.

4. Drill four mounting holes to suit wall plugs for M5 (No 10) woodscrews to a depth of 38 mm (1.5 inches) and secure the dryer to the wall with M5 woodscrews approximately 60 mm (2½ inches) long.

5. THE HAND DRYER IS DOUBLE INSULATED AND SHOULD NOT BE FITTED WITH AN EARTH (GROUND) WIRE.

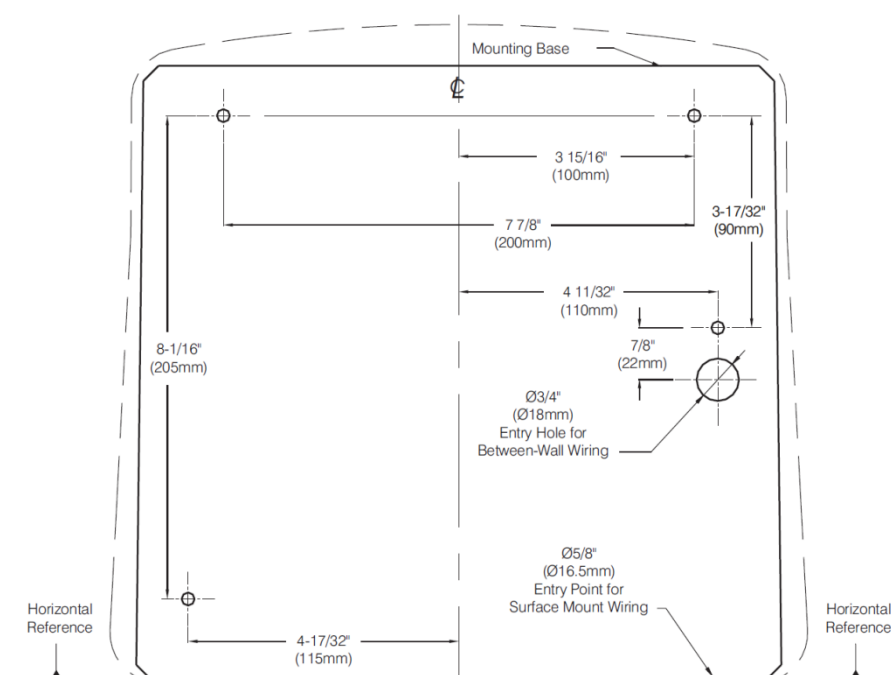
Connection of the hand dryer to the electrical supply should be by permanent connection to fixed wiring in cable suitable for 10A loading. A fused double pole isolating switch having a contact separation of at least 3mm in both poles must be provided in the supply wiring adjacent to the hand dryer and all wiring must conform to IEE Wiring Regulations (UK), local or appropriate regulations (other countries).

WIRING OF THE APPLIANCE

The unit is designed either for surface wiring with entry at the bottom right hand corner or for concealed wiring with entry at the back, as shown on the diagram alongside the template. For surface wiring allow approximately 30 cm (12 inches) of extra cable for the wiring inside the Hand Dryer as shown in the diagram. Feed the free end of the cable up through the square cable entry hole until the end is visible through the baseplate hole. Then, with a pair of long nosed pliers or a loop of stiff wire, pull the cable through the hole. Ensure that the cable is securely fastened at the inlet without any slack. If concealed wiring is required, this may be embedded in the wall in conduit up to the point of entry. Allow approximately 20 cm (8 inches) of cable for wiring inside the Hand Dryer. A "knock-out" is provided in the backplate to permit entry from the back. Trim back the cable insulation to a suitable length, loosen the cable clamp, feed the cable through it and make the connections to the terminal block. The blue wire should be connected to the terminal marked 'N' and the brown wire to the terminal marked 'L'. Finally tighten the two cable clamp screws to secure the cable.

6. Replace the cover and switch on the electrical supply.

TESTING - Start the hand dryer by placing hands approximately 10 cm (4 inches) under the hand dryer outlet. It will automatically switch off when hands are removed. Repeat test several times to ensure that the installation is satisfactory.



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Testing / Maintenance / Servicing

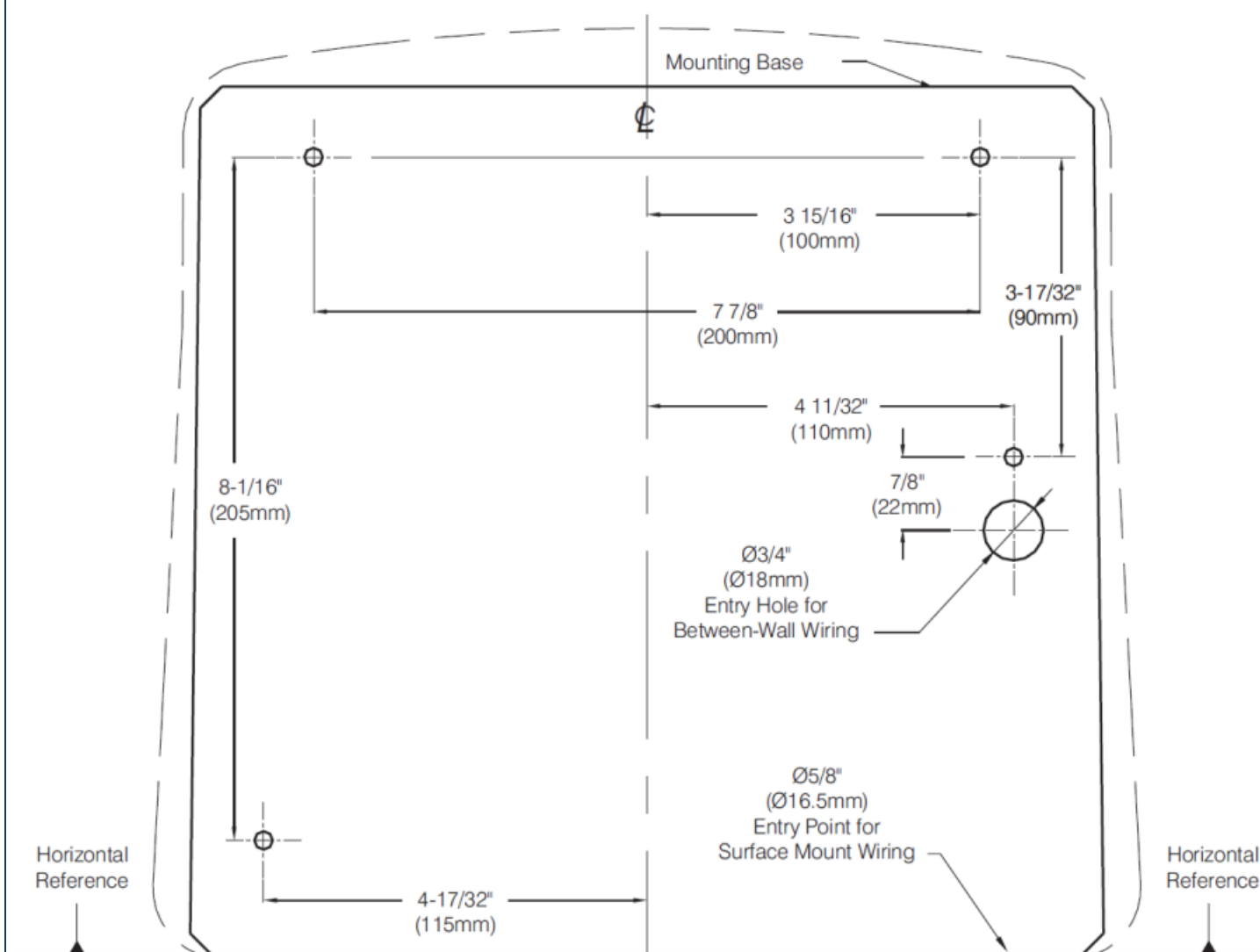
IMPORTANT

- These appliances are intended for connection to fixed wiring.
- Check that the electrical rating shown on the Dryers matches the mains supply.
- These appliances are double insulated and do not require an earth connection.
- All installations must be supervised by a qualified electrician.
- Installations and wiring must conform to current

TESTING - Start the hand dryer by placing hands approximately 10 cm (4 inches) under the hand dryer outlet. It will automatically switch off when hands are removed. Repeat test several times to ensure that the installation is satisfactory.

MAINTENANCE - This Hand Dryer requires very little maintenance, but in all cases this should be carried out with the electrical supply switched off. The cover should be wiped occasionally with a damp cloth to remove surface marks (do not use abrasive cleaning fluids). Every 6 months (more frequently if in dusty environment) the inlet and outlet grilles should be cleaned with a small brush to remove dust and fluff.

SERVICING - The Hand Dryer has been designed to provide exceptional reliability



Care Of Your Product

HANDLING AND FIXING CAUTION

Take care when handling and fixing this product. Exposed edges of the stainless steel, including tap holes, upstand, overflows and wastes etc. may cause harm if handled without due caution. When using the fixing clips supplied with inset sinks avoid touching the two prongs on the area of the clip that grips the underside of the worktop.

TO THE STOCKIST

Please store products in a cool, dry area.

Sinks should, where possible be stood on their ends supported by battens with the bowl uppermost.

If sinks are nested with bowls inside one another, place some dry cushioning material between them to protect the surfaces.

TO THE INSTALLER

DO handle with care to avoid scuffs and scratches during installation.

DO check that edges of sinks are dead level so that water will flow off the draining board.

DO NOT over-tighten plumbing or other mechanical fixtures.

DO NOT remove the plastic protective film applied to certain products until all installation work has been completed.

DO NOT stand/kneel on the drainer of sinks.

DO NOT drop mortar, plaster or similar substances onto the stainless steel.

TO THE USER

Stainless steel will give you a lifetime of trouble free use as long as you follow a few simple rules. If it appears to mark, don't worry, it is usually not the steel, but something deposited on it, which has caused the apparent stain.

DO - wash the product before use.

DO - clean the product regularly, using JIF, Goddard's, or similar recommended cleaners. Follow the manufacturer's instructions carefully. Always rinse well with clean water and dry the surface with a soft cloth.

DO - use nylon or bristle brushes, not metal scrapers or wire brushes to loosen stubborn stains.

Never use wire wool pads, as they can scratch the steel.

DO - take care when handling sharp objects as they can scratch the surface of the steel. Any scratches will blend together over a period of time and become less noticeable with age. There is no detriment to the corrosion resistance or general performance of the material.

DO NOT - allow undiluted bleach to remain in contact with stainless steel (remember dishwasher powders, sterilising agents and similar products all contain chlorides). Black pit marks can result and permanent damage can be caused. Dilute to manufacturer's instructions and always rinse with clean water.

DO NOT - soak clothes in bleach solutions for long periods. Always rinse bowl with clean water after use.

DO NOT - leave such substances as Mortar, Grouting cement, soldering flux, photographic developing fluids, silver dip, denture liquids or food acids on the surface of the steel. Clean immediately and rinse well with clean water.

DO NOT - allow corrosive foodstuffs, such as fruit juices, damp salt, vinegar, mustards, pickles and mayonnaise to remain on the surface of the steel for long periods. Wash and rinse away.

DO NOT - let hard water cause a build-up of lime or chalk deposits which can sometimes be seen as a greyish film. Clean regularly with recommended cleaners to avoid this problem and always wipe dry with a soft cloth.

DO NOT - worry if the steel appears to rust. Usually it's deposits of wire wool scouring pads, plumbers swarf, particles from rusting storage tanks or other deposits on the surface which can be cleaned and rinsed away following your usual cleaning procedure. Bases of washing up bowls can harbour such deposits – check regularly.

DO NOT - use coarse grit cleaners or wire wool pads when cleaning the steel. They will scratch the surface.

DO NOT - leave carbon steel objects such as bottle openers, scissors, whisks and other kitchen objects standing on the surface for long periods, they can rust and leave marks.

DO PLEASE ENJOY YOUR NEW STAINLESS STEEL PRODUCT

Cleaning Regime

Problem	Corrective Treatment	Comments
Routine Cleaning.	Washing up liquid, all-purpose cleaning liquid, swab with cloth or sponge rinse well.	Satisfactory on all surfaces.
Oil & Grease Marks.	Degreasing fluid or cellulose thinners.	Rinse with soap & water.
Stubborn marks, stains and light discoloration.	Mild abrasive creams (Sif / Shiny sinks).	Heavy stains can be loosened by soaking with Metsoak or Hi-Phos. Rinse thoroughly after soaking as these products cause rust type marks if left.
Heavy discoloration or heat tint.	Use metal polish (Brasso, Goddard's S/S Cleaner, Bar Keepers Friend) or a light non-metallic abrasive pad. Dura glit.	Use only on grain finish surfaces and work in direction of grain as slight scratching will occur.
Lime Scale	Apply descaler as instructed, agitate & allow to soak, re apply if not fully removed. (Met-soak DX4920 or Hi-Phos)	Bleach solutions including over the counter brands must only be used in dilution as instructed and thoroughly rinse immediately after application as chloride containing compounds will cause corrosion on all grades of stainless steel. Rinse thoroughly after application and wipe dry as rust type stains can result if left undiluted on surface

There are also products on the market which help to reduce the marks left by fingers and hands one of which is 3m's stainless steel cleaner, also of help is baby oil very lightly applied to the surface.

SANITIZING URINAL BLOCKS

The use of these products must be done with the knowledge that they can in some instances react with other cleaning agents or on their own and cause scarring of the surface of the stainless steel. It is advisable to move them around the channel frequently to reduce their effect on one concentrated area.