

## Maintenance Instructions

Very little maintenance is required to keep your hand dryer in first class operating order. However, the following maintenance should be carried out six monthly in high traffic areas and twelve monthly in normal traffic areas:

1. Disconnect power supply and remove cover.
2. Carefully clean lint from fan blades, using a 12mm paint brush.
3. Check carbon motor brushes and replace if less than 10mm in length.

Your guarantee could become void if the above is not performed at the specified intervals.

**NOTE:** If the power cord of this appliance is damaged, it must only be replaced by a repair shop appointed by the manufacturer, or a suitably qualified person in order to avoid hazard.

## Service Hints

All service work should be carried out by a qualified tradesperson. Turn off power supply before removing the cover. In event of your hand dryer failing to start, firstly check that the power is available at the power point. If available, remove cover and check that the LED sensor leads are plugged into printed board and sensor bracket in cover. If relay closes, check that brushes in motor are not worn out. Before replacing check that the commutator is not scored. If scored, replace motor. In the event of the hand dryer not heating, switch off power, remove cover and replace element by taking off left hand side of fan blower.

Sensitivity: Adjust trim pot on PCB clockwise in low light levels and anti-clockwise to decrease sensitivity for strong light.

## Specifications

Dimensions	255mm H x 288mm W x 195mm D
Weight	3.5kg approx
Colour	White
Element	2 KW protected by 100°C cut out
Current Draw	9.8 amps
Electrical Supply	Suitable for use on 220-240V 50Hz
Fan	Glass reinforced nylon flame retardant injection moulded
Air volume	4.25m <sup>3</sup> /min
Stop/Start	Electronic reflective infra-red sensor
Cover	Diecast aluminium powder coated

It is the policy of Zip to seek continual improvement to the design and quality of its products. Therefore details and specifications outlined in this brochure are subject to change without notice.

## Product Disclaimer

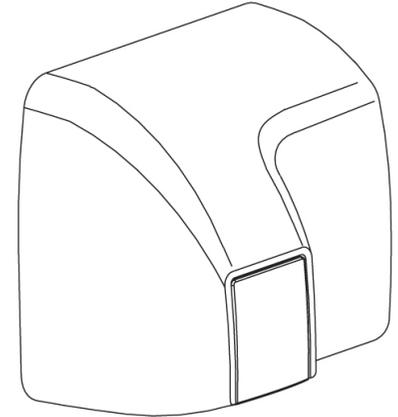
This appliance must only be used for the purpose which it was designed. All other uses must be considered to be potentially dangerous. Zip accepts no responsibility for any damage or injury to property or persons caused by improper, incorrect or unreasonable use.

For all warranty enquires on this product contact:



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## Automatic Hand Dryer Instructions

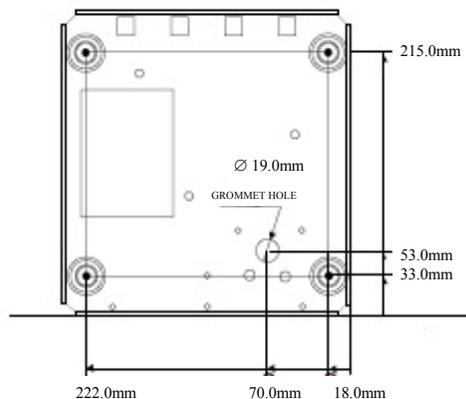
Model SD100

**Congratulations on choosing a ZIP Hand Dryer for your washroom requirements!**

For best results simply follow these easy instructions.

## Installation Instructions

Remove hand dryer cover by undoing the 2 x 5mm allen screws on underside of dryer. Lift lower part of dryer cover forward approximately 12mm, then push cover upwards to unlatch top cover from back plate. Position back plate on wall as follows:



## Height recommendations

Recommended height to bottom of dryer.

Men's washroom		1100mm	
Ladies' washroom		1050mm	
Children's washroom	13-17yrs	1000mm	
Children's washroom	10-13yrs	950mm	
Children's washroom	7-10yrs	900mm	
Children's washroom	4-7yrs	800mm	
Disabled Person's		800mm	

### The appliance must be positioned so that the plug is accessible.

Fasten the dryer to the wall using the four screws and 6mm masonry anchors supplied.

Electrical connection should be made by either using the 1 metre flex and plug supplied or fixed wiring in accordance with SAA wiring rules.

This appliance must be Earthed.

To replace cover, latch top of cover onto back plate, ease bottom of cover into place and then replace the 2 only 5mm allen screws.

The SD100 dryer **SHOULD NOT** be mounted within 300mm of bench top or reflective surfaces.

## Operating Instructions

### Precautions

Young children should be supervised to ensure that they do not play with the appliance.

The appliance is not intended for use by young children or infirm persons without supervision.

### Automatic Stop/Start

The hand dryer is activated by an infra-red light-emitting diode (electric sensor) and receptor. This ensures that the machine will only run for the time during which the user's hands are under the drying chamber or by pushing pivoting flipper down.

### Fan motor

Sealed ball bearing motor also fitted with thermal overload protection device.

### Rapid drying time

Your hands or face should dry in an average time of 15 to 25 seconds. This efficiency is achieved by a combination of rapid warm up, warm air recirculation and a volume flow of 52 litres per second.

### Over-Run Protection

In the event of the electronic sensor being obstructed, the circuitry features an automatic cut-off which activates after approximately 60 seconds of continuous running. It automatically resets when the obstruction to the electronic sensor is removed.

### Overheat Protection

A thermal overload is incorporated in the heating circuitry in the event of overheating. This is automatically reset when the temperature returns to normal operating tolerances.

### Housing

The casing is aluminium diecast with a white enamel finish. Regular wiping with a soft cloth and mild detergents will maintain its appearance for many years. Do not use strong, corrosive or abrasive cleaners to clean the case of the appliance.