

WARRANTY

Your Supreme Hand Dryer is fully guaranteed against defective materials and faulty workmanship for a period of 36 months from date of sale, subject to it being installed and maintained in accordance with the manufacturers instructions.

SPL Limited warrants that should any part of the dryer fail within one year of installation that part will be replaced or repaired free of charge. Mileage and travelling time outside metropolitan areas by tradesperson or accredited service agents is payable by the customer. Alternatively, the Dryer may be returned to SPL Limited or its accredited service agents for repair under warranty when the cost of removal, re-installation and cartage will be payable by the customer.

This warranty does not cover the damage resulting from non-operation of the hand dryer, the use of non- authorised parts, failure due to accident, misuse, abuse or failure to follow installation and maintenance instructions or consequential damage to any other goods, furnishings or property.

This warranty does not displace any statutory warranty in relation to the dryer but any liability of SPL Limited under any statutory warranty will be limited to a replacement or repair of the dryer or payment of the cost of such replacement or repair at the option of SPL Limited.

For all warranty enquiries on this product contact:



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AIRFORCE High Efficiency Hand Dryer



Congratulations on choosing Supreme
Hand Dryers for your
Washroom requirements

For best results simply follow these instructions.

Phone: +64 7 823 5790

Operating Instruction and Parts Manual

Please read and save these instructions. Please read carefully before attempting to assemble, install, operate or maintain the product described. Protect yourself and others by observing all safety information. Failure to comply with instructions could result in personal injury and/or property damage. Retain instructions for future reference.

Supreme AIRFORCE

High Efficiency Hand Dryer

Description

Supreme hand dryer, powered by universal brush motor, delivers 1100 Watts of drying power. This hand dryer runs on 230 Volts AC electrical supply. An infrared sensor is used to automatically turn the dryer on and off. This model is intended for use in commercial, industrial office and public facility environments.

General Specifications

Motor - Universal brushed 34,000rpm

Rating - 1.1kw @ 230/240V AC IP24

Airspeed - 330km/h, delivered through 11 nozzles

Start/Stop - Infrared sensor

Cover - Diecast aluminium with Steri-Touch finish or Brushed Stainless Steel

Dimensions - W266 x H271 x D165mm

Weight - 3.1kg

Standards - AS/NZ 3350.2.23.1997

Colour Options - White, Chrome, Black, Brushed Stainless

Unpacking

1. Remove all packing material. Recycling is recommended.
2. Carefully remove the hand dryer from the shipping carton taking care not to drop the appliance.
3. Inspect carefully for damage that may have occurred during transit. Check for any loose, missing or damaged parts. If the hand dryer is damaged, promptly inform the dealer where you purchased it.

MOTOR INLET FILTER CLEANING/ REPLACEMENT

MAKE SAFE

- Isolate the dryer either by turning off the switch, normally located above the dryer or by unplugging the unit if fitted with a power cord.



REMOVE COVER

- Remove the cover by using the security allen key supplied with the machine
- Turn the cover screw clockwise until the bottom of the cover can be lifted out from the base plate and then push up to unlatch from the top of the base plate



SERVICE FILTER

- The motor inlet filter can be replaced or washed out in soapy water and reused.
- Brush any lint present away with a soft brush, take the opportunity to clean around the sensor assembly and grille



PLEASE NOTE:

A severely clogged filter as per the photo will reduce motor life and could void your warranty.

REPLACE COVER

- Cover replacement is the reverse of the removal process
- Turn security allen screws counter-clockwise till the screws are snug. NOTE: do not over tighten
- Liven dryer and test operation

REORDER

Replacement filter pack
Part Number: WDF A

CLEANING INSTRUCTIONS

Read complete instruction before proceeding. Under normal use, cleaning the dryer once a year will keep it in good operating condition. If the washroom traffic is heavier than normal the cleaning should be done every 4 to 6 months. Lint and dust build up on the motor inlet filter can result in damage to motor or over temperature tripping, new filters are available, part #WDFA

PLEASE NOTE: A severely clogged filter will reduce motor life and could void the warranty.

1. Turn off dryer at circuit breaker or fuse panel.
2. Turn the cover mounting screws clockwise from the dryer using the security hex key provided. Support cover while removing screws.
3. Vacuum out dirt from blower and housing. Use caution not to damage wires or circuit boards.
4. The motor inlet cover may be removed by unscrewing the (4) screws. This allows access to the motor for cleaning or replacement.
5. Use a soft– medium bristle 10mm paint brush to clean dust and dirt from motor.
6. Replace cover. Place cover squarely over base and push flush to wall. Screw cover mounting screws counter-clockwise and tighten until snug. Do not over tighten.

General Safety Information

DANGER *Failure to disconnect the power source before installation can result in serious injury or death from electric shock.*

-Always disconnect the power source before servicing or installing the hand dryer.

DANGER *Failure to properly ground this unit could result in severe electrical shock and/or death*

-This hand dryer must be properly grounded (Earthed) for safe operation. An identified ground connection point is supplied on the chassis of the hand dryer.

-We recommend GFCI protection in wet or damp locations or as required by local code.

WARNING *Risk of fire. Personal injury or property damage are possible if local codes, or safety recommendations are not followed.*

Installation must be carried out by a qualified person in accordance with all local wiring regulations

Fixed wiring is recommended for all installations. Wiring should emerge from the wall in the position marked on the mounting diagram. All fixed wiring should incorporate a switch or breaker with a contact separation of at least 3mm in all poles.

CAUTION *Improper mounting could result in personal injury or property damage*

-Follow the mounting recommendations in Table 1.

-On a stud wall, one side of the hand dryer should be mounted to an existing stud.

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

Installation Instructions

1. Disconnect the power source
2. Use the security hex key supplied and turn the cover mounting screws clockwise to remove the cover from the dryer.
3. Place the hand dryer base on the wall at the desired location using Table 1 to determine the recommended mounting height. With the base so located, use it as a template to mark locations of the four mounting bolt holes on the wall.
Ensure that no reflective object (such as hand basin) is located directly under infra-red sensor eye; the minimum distance is 460mm.
4. Fasten the base to the wall, using suitable fixings for the type of wall.
5. All automatic dryers must have their own dedicated 10 amp circuit.
6. Connect the dryer to the nearest suitable distribution panel.
7. Replace cover, turn screws counter-clockwise making certain not to over tighten.

IMPORTANT: Consult local and general regulations before performing dryer installation.

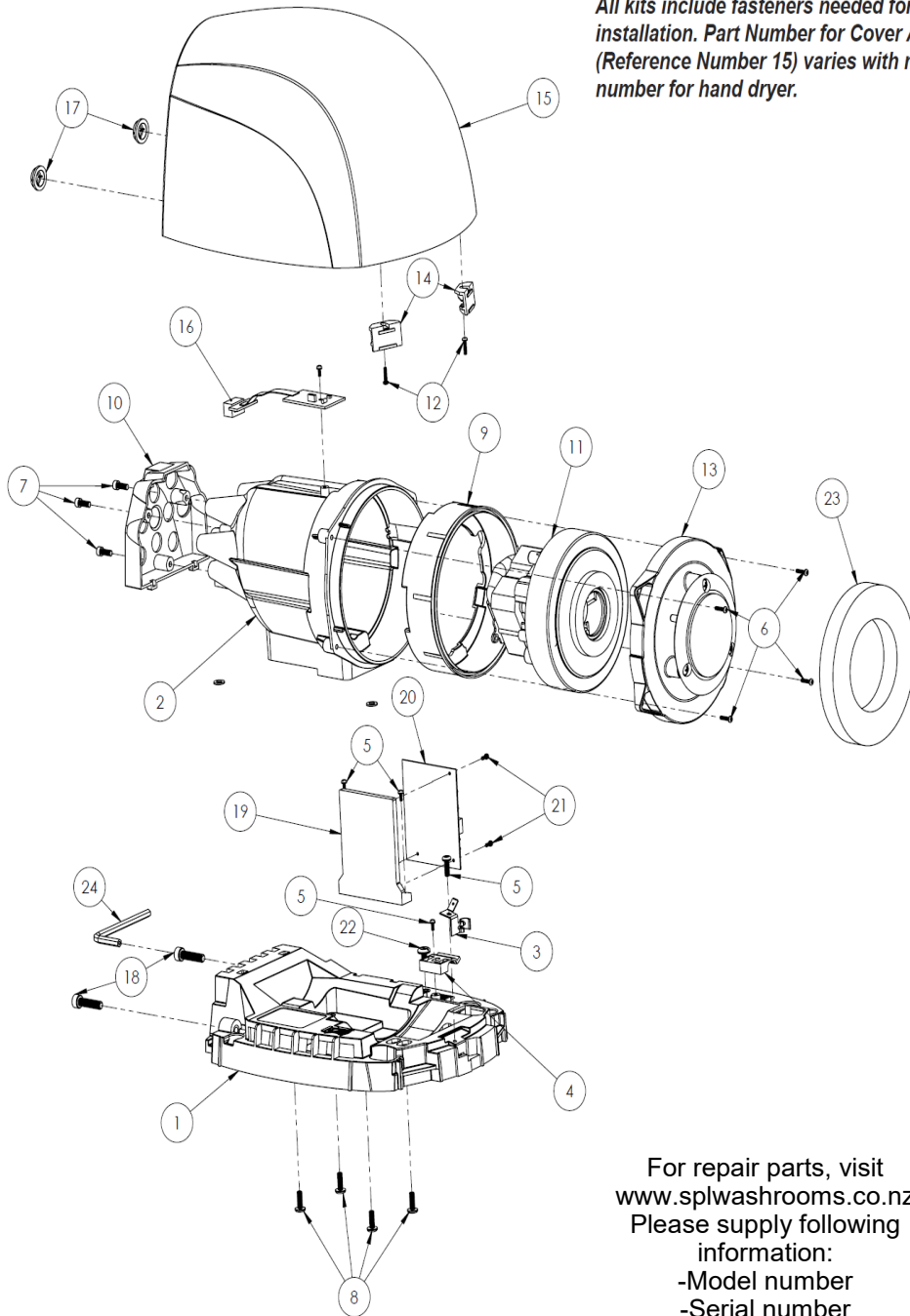
Table 1
Recommended Mounting Heights from Floor to Dryer Bottom Edge

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		950mm



Fasten dryer to the wall using suitable fixings for the type of wall.
Fixing to at least one stud is recommended where possible.

All kits include fasteners needed for installation. Part Number for Cover Assy. (Reference Number 15) varies with model number for hand dryer.



For repair parts, visit
www.splwashrooms.co.nz
 Please supply following information:
 -Model number
 -Serial number
 -Part description as shown in parts list

#	Description	Part Number	Qty
1	Base	14-011577	1
2	Motor Housing	47-011573	1
3	Earth Clip	52-030244	1
4	Cable Clamp	12-011578	1
5	Screw-No. 6 x 1/2" *	46-040121	4
6	Screw-No. 8 x 3/8" *	46-040049	4
7	Screw-No. 6 x 3/8" *	46-010008	3
8	Screw M5x16 *	46-333	4
9	Seal	59-011574	1
10	Outlet Lens	30-011576	1
11	Motor, 120 V (J Model)	32-J120K	1
	Motor, 230 V (J4 Model)	32-J240K	1
12	Screw 6 x 3/8" *	099-058	2
13	Motor Cover Assy incl's Filter #23	47-120309K	1
14	Cover Bracket	33-011579	2
15	Cover, White	20-243-974 JK	1
	Cover, Chrome	20-243-970 JK	1
16	Sensor PCB	49-200K	1
17	Screw Cup	59-011587	2
18	M6x25 Soc HD Cap Screw	46-040221	2
19	Bracket, Power Circuit	33-200	1
20	Power Circuit	16-200K	1
21	Screw-No 4-3/8" *	46-040229	4
22	Screw M5 x 30, Brass Grnd	46-007	1
	Nut, Brass Grnd	35-007	2
23	Filter, Air Intake	93-120309	1

Trouble shooting Chart

Symptom	Possible Cause(s)	Corrective Action
Dryer fails to start.	A. No power to Unit.	Check power to unit and connections. Replace Motor.
	B. Defective Motor.	
Dryer will not shut off or run for 20 seconds, then will not re-start.	Sensor is dirty, defective or there is a reflection.	1. Check infra-red eye for dirt or damage. Use plastic lenses cleaning solution and a soft cloth. Dry lens with a soft cloth. 2. Make sure that the sensor is not getting a reflection from another object. 3. After electricity has been applied to the dryer it should turn on within a few seconds. Test by placing hands 7-15cm below the nozzle. 4. Replace circuit boards.