

Biodrier Executive
Hand dryer



High Speed

Surface Mounted High Speed Hand Dryer

Operating Instructions and Parts Manual



Technical Specifications

| Item Category | Performance Data |
|------------------------------|---|
| Operating Voltage | 220 - 240Vac, 50-60 Hz, 700 - 1200 WATTS |
| Warm Air Speed Output | 150 m/s @ 1200 WATTS |
| Display | LED instructions and countdown |
| Motor Type | 35,000 rpm, 2 speed adjustable motor |
| Motor Thermal Protection | Auto Resetting Thermostat turns unit off, 240V at 239°F (115°C) |
| Noise Level | 58 - 80 dba @ 1 meter |
| Water Tank | LED indicator when tank is full |
| Filter Sensor | LED indicator when filter is full |
| Air Purification | Enzyme HEPA Filter H13 - simple cartridge replacement system |
| Air Freshener | Organic moisturiser, sanitizer, air freshener with ocean breeze fragrance |
| Water Tank & Filter Security | Sliding locking system, lock both with one touch |
| Drying Time | Under 10 seconds |
| Circuit Operation | Infrared Automatic, self adjusting |
| Timing Protection | 20 seconds auto shut off |
| Drip Proof | IP33 |
| Isolation | CLASS II |
| Certificates | CE, GS, ETL, WEEE, Greenspec |
| Net Weight | 9 kg |
| Shipping Weight | 10 kg |
| Unit Size | 330mm W x 670mm H x 230mm D |
| Item Code | Cover Type/Finish |
| BE1000W | Fire proof ABS, 94VO, PC, PMMA, UV Coated - White |
| BE1000S | Fire proof ABS, 94VO, PC, PMMA, UV Coated - Silver |
| BE1000B | Fire proof ABS, 94VO, PC, PMMA, UV Coated - Blue |
| BE1000G | Fire proof ABS, 94VO, PC, PMMA, UV Coated - Gold |

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General Safety Information

⚠ WARNING

This product is intended for installation by a qualified service person. Use AWAG No.16 solid conductor for wiring.

Failure to properly ground unit could result in electrical shock and/or death.

Disconnect power at the service breaker before installing or servicing.

NOT FOR HOUSEHOLD USE - MAY CAUSE BURNS
"IMPROPRE A L'USAGE DOMESTIQUE - PUET OCCASIONNER."

NOTE: Do not install dryer over wash basin.

Type Y attachment

If the power supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similar qualified person in order to avoid a hazard.

Means for disconnection must be incorporated in the fixed wiring in accordance with the wiring rules.

Installation

Installation must be carried out only by a qualified electrician

1. Make sure power supply breaker is switched off. Installation must be carried out in accordance with the current edition of the local wiring regulations code having jurisdiction. Installation should be performed only by a qualified electrician.

2. Place template against wall at desired height (see mounting height recommendations) and mark locations of 4 mounting holes and wire service entry at knockout (KO) location.

NOTE: For two or more dryers, dryers should be no closer than 24 inches (610 mm) on centre.

3. Connect supply wires to terminal block where indicated and connect ground wire to baseplate with ground screw.

Connections:

A Type: Power cable not equipped

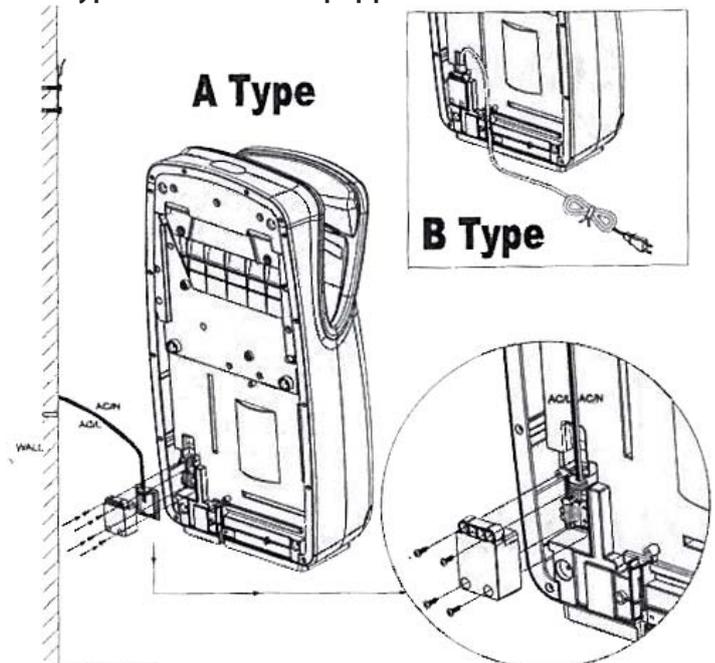
1. Secure the line and connect the power cable into the

proper terminal block locations. Verify connections are correct before proceeding.

2. Cover the power connector with the provided housing cover (Power Supply Cover Kit)

Minimum wire cross section: 2x1mm²

B Type: Power cable equipped



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Recommended Mounting Heights

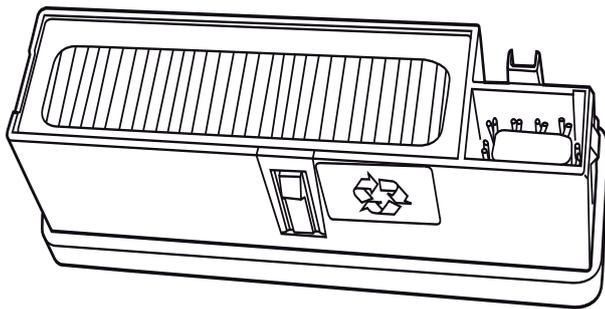
From floor to bottom of dryer.

| Men's | Ladies | Children, ages 11-17 | Children, ages 3-10 | Disabled |
|--------|--------|----------------------|---------------------|----------|
| 13" | 11" | 10" | 6" | 4" |
| 350 mm | 300 mm | 250 mm | 150 mm | 100 mm |

Consumables

Biodrier Anti Bacterial HEPA Filter

The Anti Bacterial Filter is fitted to ensure dust and airborne bacteria is restricted from entering the internal components and airflow of the dryer. The filter should be replaced every 3-6 months, depending on usage.



| Product | Order Code |
|---------------------------|---------------------|
| Antibacterial HEPA filter | HD-EXEC-HEPA-FILTER |
| Moisturising Gel | HDC-BE1000GELS |

Biodrier Gels

Biodrier Gels are manufactured exclusively for Biodrier and performs 3 jobs in one:

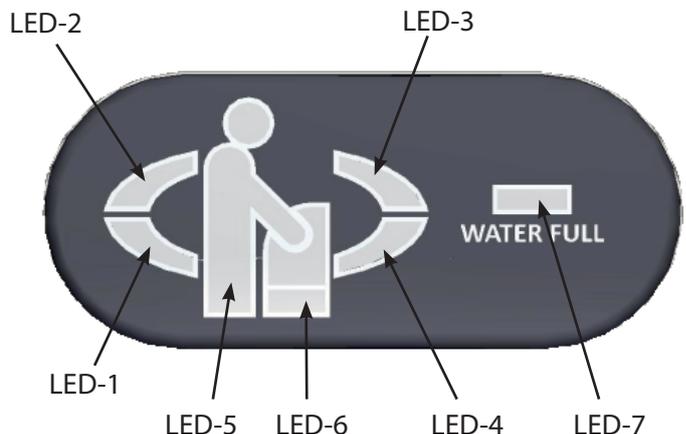
1. Moisturise the hands.
2. Sanitise the product internally, and the users hands.
3. Fragrances the surrounding washroom area whilst in use.

The Gels are manufactured from natural sources and are chemical free.



Operation

| | |
|-----------------------|--|
| Stand By Mode | LED-5 Green light ON |
| Operating Mode | LED-5 Blue Light ON & LED-1 to 4 pulse in sequence and then together twice |
| Water Tank Full | LED-7 Blue Light ON |
| After Tank is Emptied | LED-7 Light OFF |
| Change Filter | LED-6 Light ON |
| After Filter Change | LED-6 Light OFF |



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Cleaning and Maintenance Instructions

Periodic cleaning of the unit is recommended to ensure optimum performance.

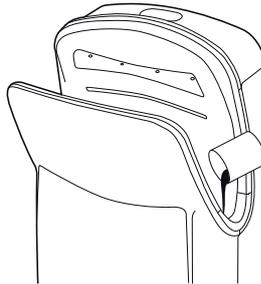
- Switch to service mode located internally, above the water tank.
- Wipe the cover with a soft cloth and a mild cleaning solution. Do not Soak. Never use abrasives to clean the cover.

⚠ WARNING

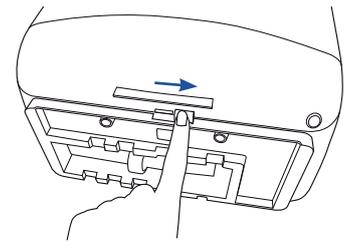
- Never spray water directly onto hand dryer
- Never use any abrasives or harsh chemicals
- Turn off electricity prior to cleaning the hand dryer

7. Wipe down the external surfaces of the Biodrier Executive hand dryer with a soft cloth. Switch power back on and test operation.

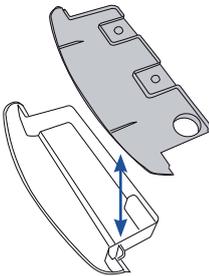
1. Pour a cup of water down drain hole. Use cleaning brush supplied to clean drain hole.



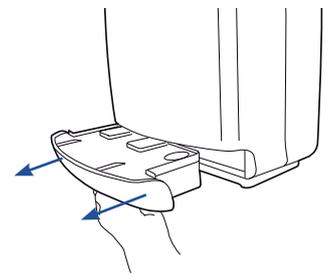
2. Unlock the drip tray.



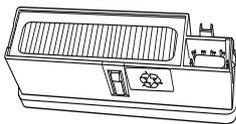
6. Disassemble drain tank and rinse clean using a disinfectant, then replace.



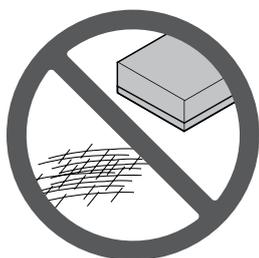
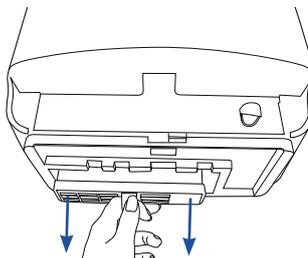
3. Remove drain tank and empty.



5. Clean filter casing by wiping with soft damp cloth. Replace the antibacterial filter every 3 months, or when LED 6 illuminates. Moisturising gels should be replaced every month. Slide filter back into place.



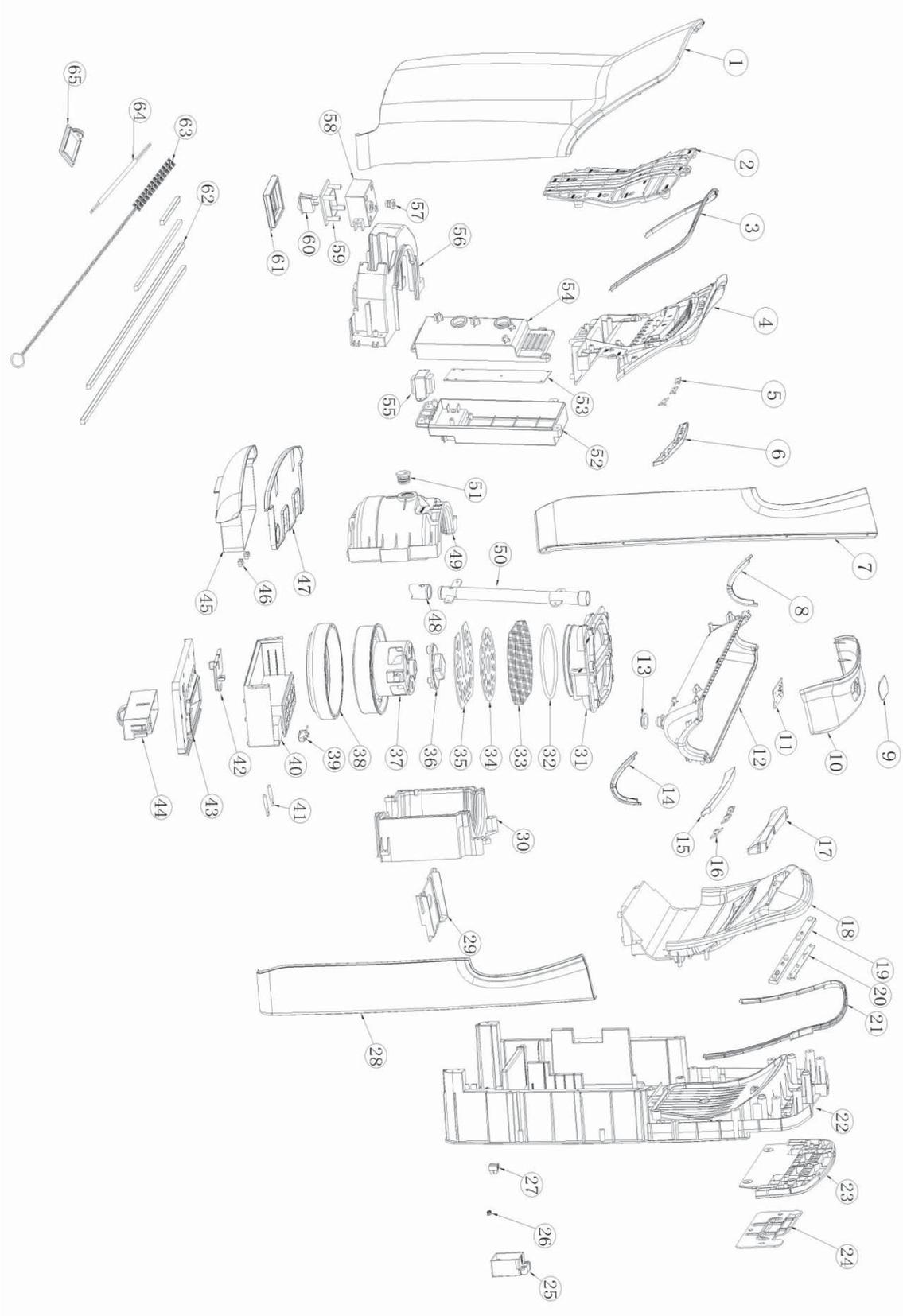
4. Remove filter.



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Diagram



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Parts List

| Key | Description |
|-----|---------------------|
| 1 | Cover front |
| 2 | Duct front |
| 3 | Silica gel |
| 4 | Cover hand front |
| 5 | PCB board |
| 6 | Cover window front |
| 7 | Cover side L |
| 8 | Silica gel |
| 9 | Cover LED |
| 10 | Cover top |
| 11 | PCB board |
| 12 | Cover hand bottom |
| 13 | Silica gel |
| 14 | Silica gel |
| 15 | Cover window back |
| 16 | PCB board |
| 17 | Cover window LED |
| 18 | Cover hand back |
| 19 | Cover LED |
| 20 | PCB board |
| 21 | Silica gel |
| 22 | Cover main |
| 23 | Cover back |
| 24 | Bracket |
| 25 | Power supply cover |
| 26 | Cushion |
| 27 | Connection |
| 28 | Cover side R |
| 29 | Tube panel |
| 30 | Housing motor lower |
| 31 | Distributor air |
| 32 | Ring |
| 33 | Sponge |

| Key | Description |
|-----|----------------------|
| 34 | Round Sheet |
| 35 | Sheet |
| 36 | Fixture |
| 37 | Motor |
| 38 | Air proof sheath |
| 39 | Switch |
| 40 | Grill guide |
| 41 | Pole |
| 42 | Sheft panel |
| 43 | Filter support |
| 44 | Filter Ass'y |
| 45 | Bucket slop bottom |
| 46 | Connector panel |
| 47 | Bucket slop top |
| 48 | Tube |
| 49 | Housing motor upper |
| 50 | Water tube |
| 51 | Silica gel |
| 52 | PCB enclosure lower |
| 53 | PCB main |
| 54 | PCB enclosure lower |
| 55 | Transformer |
| 56 | Cover air tight |
| 57 | COB |
| 58 | Switch enclosure |
| 59 | Switch holder |
| 60 | Power switch |
| 61 | Silica gel |
| 62 | Silica gel (A B C D) |
| 63 | Cleaner |
| 64 | Internal wire to PCB |
| 65 | Silica gel pad |