

Biodrier Business 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 Hz, 850 WATTS
Warm Air Speed Output	95 m/s (220m ³ /h)
Display	LCD instructions and countdown
Motor Type	18,000 rpm, ICP Brushless DC
Motor Thermal Protection	Auto Resetting Thermostat turns unit off, 240V at 221°F (105°C) - EURO Spec
Heater Element	Not Applicable
Heater Thermal Protection	Not Applicable
Drying Time	Under 10 seconds
Circuit Operation	Infrared Automatic, self adjusting
Timing Protection	30 seconds auto shut off
Drip Proof	IP22
Isolation	CLASS I
Decibel Rating	78 dba@ 1 mtr
Net Weight	11 kg
Shipping Weight	13 kg
Unit Size	292mm W x 650mm H x 250mm D
Item Code	Cover Type/Finish
BB70W	ABS White
BB70S	ABS Metallic silver

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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."

All units must be supplied with a 2-wire service. The ground wire must be connected with the dryers back plate.

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. Remove and retain 2 cover screws.

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

Connections:

a. Connect the live wire (coloured red or brown) to the terminal block marked "L".

b. Connect the neutral wire (coloured black or blue) to the terminal block marked "N".

Note that the colour of live and neutral wires depends on voltage of supply service.

5. Replace cover screens. Do not over-tighten.

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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 Filter

The Anti Bacterial Filter is fitted to ensure dust and air-borne bacterias are 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 filter	HDS-BB70
Moisturising Gel	HDC-BIO GELS TUB 24

Biodrier Gels

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

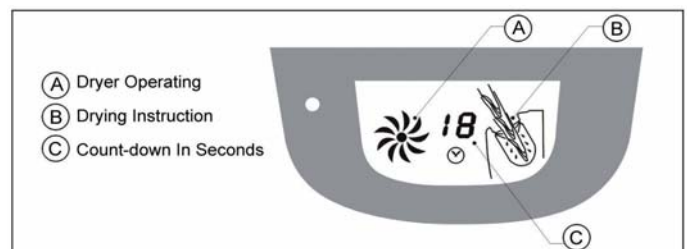
1. Moisturise the hands.
2. Sanitise the product internally, and the users hands.
3. Fragrances the surrounding washroom area whilst in use.

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



Operation

- No touch operation.
- Shake excess water from hands.
- Place hands onto the aperture.
- Move hands up and down (as per CPU instruction).
- Stops automatically after hands are removed.



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Cleaning and Maintenance Instructions

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

- Switch to service mode located on the top right side of the dryer.
- Wipe the cover with a soft cloth and a mild cleaning solution. Do not Soak. Never use abrasives to clean the cover.

WARNING

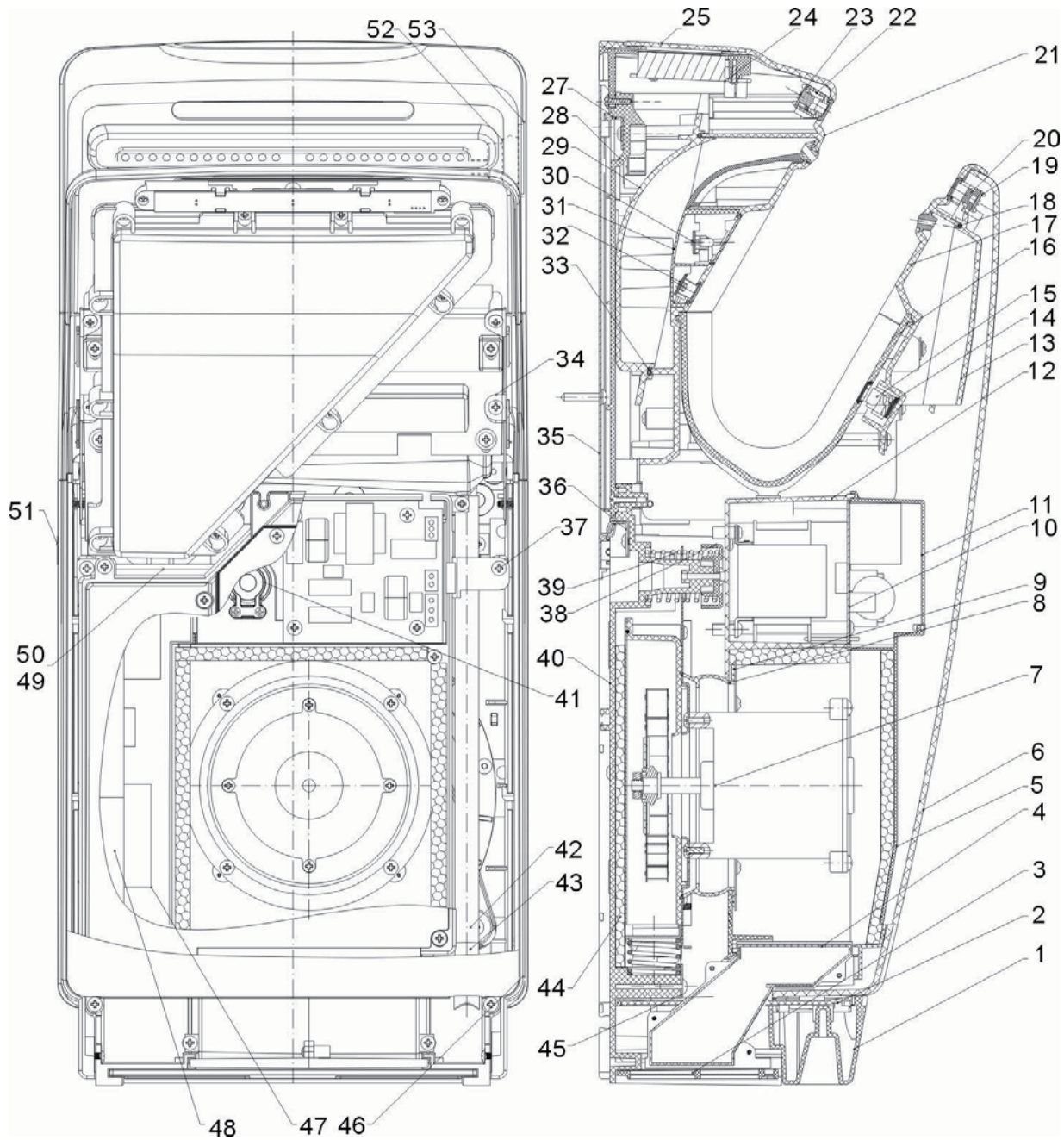
- Never spray water directly onto hand dryer
- Never use any abrasives or harsh chemicals
- Turn off electricity prior to cleaning the hand dryer



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Diagram



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Parts List

Key	Description		
1	Water tank	27	Bis pothook
2	Cover	28	Back board
3	Filter	29	Back air cover
4	Air inlet	30	Circuitry G
5	Motor cover	31	Light box
6	Front cover	32	Circuitry H
7	motor and air home	33	Back airproof
8	Sound insulation cover	34	Connected board B
9	Fixer	35	Fixing board
10	Circuitry A	36	Small pothook
11	Connection converter	37	Plus screw
12	motor cover	38	Spring
13	Front air out cover	39	Spring fixed cover
14	Circuitry C	40	Main body
15	Bracket	41	Mica board
16	Connector	42	Hose
17	Front air shell	43	Outlet rubber
18	Front airproof	44	Celotex A
19	Circuitry D	45	Block Spring
20	Plus screw	46	Sideboard
21	Back screen	47	Circuitry box
22	Bracket	48	Circuitry B
23	Circuitry E	49	Fix loop
24	Circuitry F	50	Air connector
25	LCD dashboard	51	Nut
26	Bracket	52	Switch
		53	Switch button