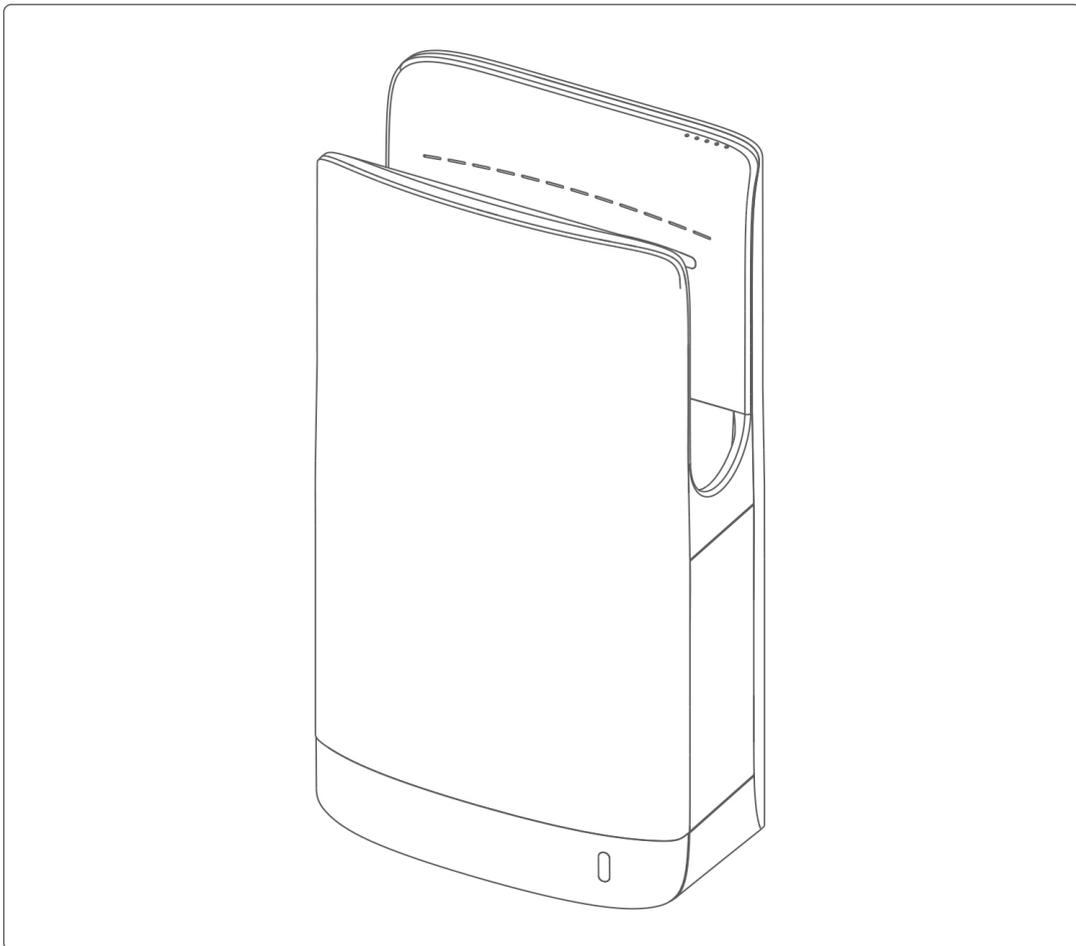


# baridi

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**HAND DRYER WITH HEPA FILTER & AUTO SENSOR 1750W/230V, 92M/S  
AIRFLOW, 7-10S DRY TIME, IP24 RATED**



## **Model No: DH150**

Thank you for purchasing a Dellonda product. Manufactured to a high standard, this product will, if used according to these instructions, and properly maintained, give you years of trouble free performance.

## Important Information

Please read these instructions carefully. Note the safe operational requirements, warnings & cautions. Use the product correctly and with care for the purpose for which it is intended. Failure to do so may cause damage and/or personal injury and will invalidate the warranty. Keep these instructions safe for future use.



Refer to  
instruction  
manual

## SPECIFICATION

MODEL NO:	DH150
Airflow	92m/s
Drying Time:	7-10s
Filter Options:	HEPA
IP Rating:	IP24
Material:	Case = ABS
Maximum Air Speed:	92m/s
Maximum Air Volume:	50L/S
Motor Class:	Class II
Motor Cut Off Time:	25s

Motor Speed:	20,000rpm
Nett Weight:	5.8kg
Noise Rating:	70dB@1m
Operating Temperature:	20-40°C
Plug Type:	Bare Wire
Power Supply Cable Length:	1.7m
Input Power	1400-1750W
Power:	Input power 1400-1750W, Motor Power 820W
Product Dimensions (W x D x H):	296x 175 x 556mm
Product Life Applicable:	No
Standby Watts:	0.5-0.6W
Supply:	230v~50Hz

## SAFETY INSTRUCTIONS

### • ELECTRICAL SAFETY

- **WARNING!** It is the user's responsibility to check the following:
  - Check all electrical equipment and appliances to ensure that they are safe before using.
  - Inspect power supply leads, plugs and all electrical connections for wear and damage.
  - Ensure that the insulation on all cables and on the appliance is safe before connecting it to the power supply.
  - **DO NOT** use worn or damaged cables, plugs or connectors. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
  - Ensure that any faulty item is repaired or replaced immediately by a Dellonda qualified technician.
  - **Important:** Ensure that the voltage rating on the appliance suits the mains power supply.
  - **DO NOT** pull or carry the appliance by the power cable.
  - The installation of a residual current device is recommended, having a rated residual operating current not exceeding 30mA. Ask an electrician for advice.

### • GENERAL SAFETY

- Children from age 8 years and above, persons with reduced physical, sensory, or mental capabilities those with lack of experience and knowledge can use the appliance, if they have been given supervision or instruction concerning use of the appliance in a safe way to understand the hazards involved.
- Children shall **NOT** play with the appliance.
- Cleaning and user maintenance on the appliance shall not be made by children without supervision.
- The appliance shall be disconnected from its power source during service and when replacing parts.
- **WARNING! DO NOT** use this appliance near bathtubs, showers, basins, or other vessels containing water, or in places prone to freezing.
- This appliance is designed to be used in commercial areas.
- **DO NOT** open the front panel: risk of electric shock.
- **DO NOT** splash with water: risk of electric shock.
- **DO NOT** disassemble. Professional repair only.
- **WARNING!** The electrical power supply must be disconnected prior to all maintenance activities.
- **WARNING!** Improper use of this equipment may result in personal injury or accidents.
- Improper installation or use may result in electric shock, fire, or personal injury.
- **DO NOT** use the hand dryer if it is damaged or malfunctioning.
- **DO NOT** insert fingers or objects into the air outlet or inlet.
- Keep hands dry of excess water before use to reduce the risk of electrical hazards.
- **DO NOT** block the air inlet or outlet during operation.
- **DO NOT** expose the unit to excessive moisture or direct water spray.
- Use only manufacturer-approved replacement parts, including **HEPA** filters.
- Before installation, maintenance, or servicing, ensure the power supply is switched off and isolated. Appropriate personal protective equipment (**PPE**), such as insulated gloves and safety footwear, should be worn when handling electrical components. Use eye protection when drilling or working in dusty environments. Only trained and qualified personnel should carry out installation and maintenance to reduce the risk of injury or equipment damage.

## • FEATURES

- Touch-free operation ensures hygienic hand drying and reduces the spread of bacteria.
- High-speed airflow dries hands quickly while consuming minimal electricity, making the unit energy efficient.
- Environmentally friendly design eliminates the need for paper towels or waste disposal.
- Constructed from antibacterial, eco-friendly materials that are safe and non-polluting.
- Automatic temperature control provides warm air in winter for comfort and unheated air in summer for a cooler drying experience.

## • TRANSPORT

- Handle the unit with care during transport to avoid damage. Ensure the packaging remains intact until installation to protect the unit from dust, scratches and impacts.

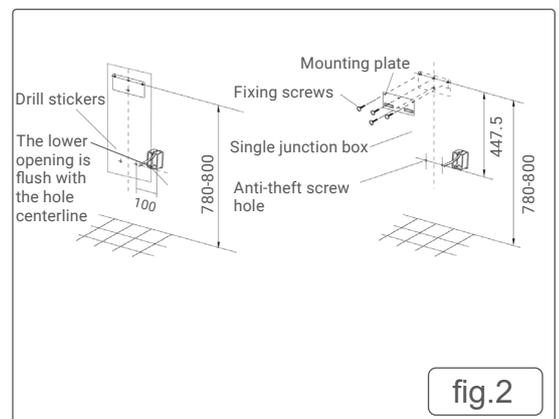
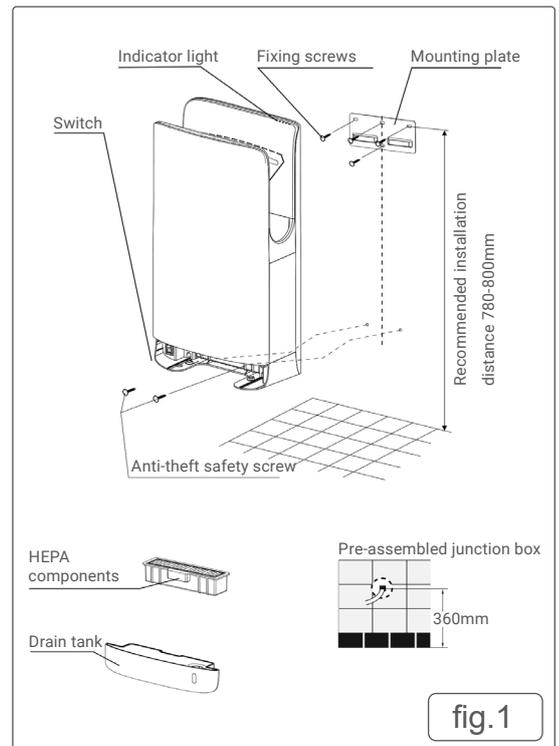
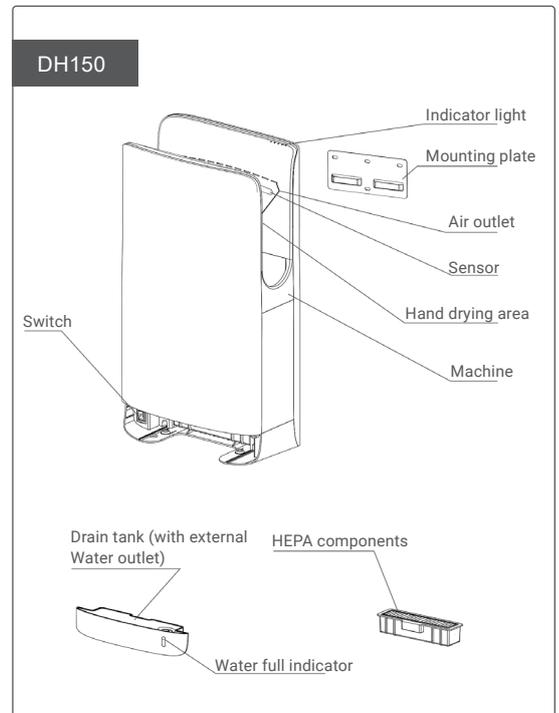
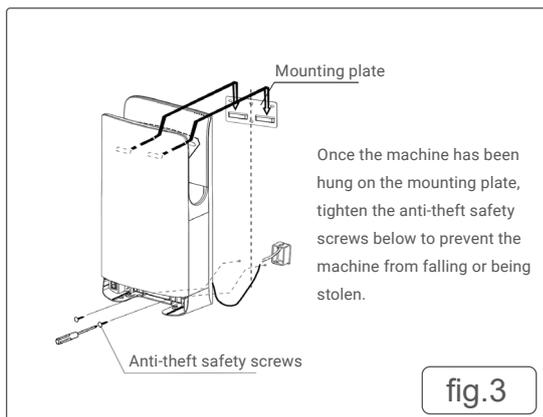
## INSTALLATION

### BEFORE INSTALLATION (fig.1 & fig.2)

- This machine is designed to operate on a standard **UK** mains power supply.
- It is recommended to connect the unit using a switched **UK** standard three-pin socket outlet.
- The socket outlet should be installed 20–30 cm from the hand dryer and must be easily accessible after installation.
- If a direct (hard-wired) connection is required, the power supply must be connected via a suitable fixed junction box located at the installation position.
- The junction box must comply with **UK** electrical regulations and be installed by a qualified electrician.
- Ensure the power supply is isolated before installation or servicing.

### • MOUNTING PLATE INSTALLATION

1. Secure the mounting plate to the wall using the supplied mounting plate fixing screws.
2. For installation on concrete or solid masonry walls, use the wall plugs (anchors) and screws provided with the unit.
3. For non-solid walls (such as plasterboard or stud walls), ensure the wall is adequately reinforced before installation to support the weight of the unit.
4. For hard-wired installations, confirm the junction box position and the cable entry hole location before drilling.
5. Affix the supplied drilling template (sticker) flat against the wall in the correct position, as shown in the installation diagram. Fig.1
6. Using the template as a guide, drill:
  - Four holes for the mounting plate fixing screws, and
  - Two holes for the anti-theft screws.
7. Insert the wall plugs into the six drilled holes, then secure the mounting plate firmly to the wall as shown in the diagram.
8. Disconnect the power supply from the unit, leaving approximately 30 cm of cable.
9. Hang the rear of the unit onto the hooks of the mounting plate (two fixing points).
10. Gently push the unit towards the wall. If the unit is not correctly positioned, the anti-theft screw will be difficult to install. Fig.3



• **INSTALLATION OF THE FRONT PANEL**

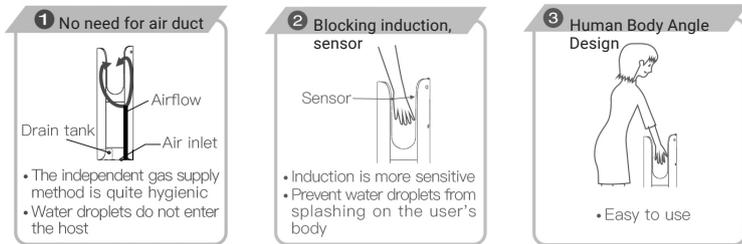
1. Install the **HEPA** components.
  2. Push the air filter into the body and ensure it is properly seated.
- Install the drain tank. Fig.4

• **REMOVE THE HEPA FILTER**

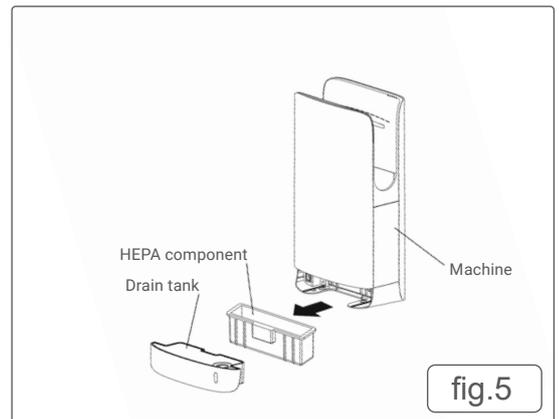
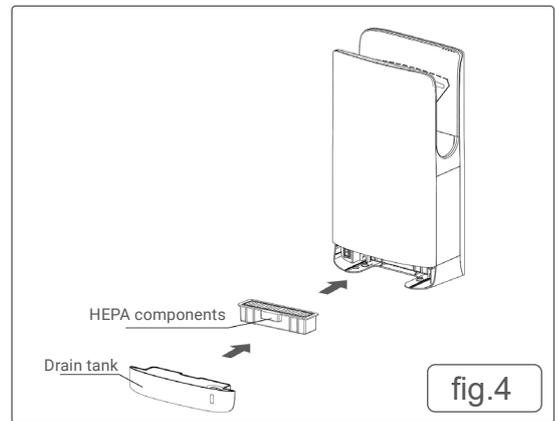
First, pull out the drain box. Then, hook your fingers onto the **HEPA** component frame and pull the component straight out horizontally. See Fig. 5).

• **ANTI-PRANK TIMER**

- To prevent pranks, the machine will automatically stop after approximately 25 seconds of continuous use. To resume operation, simply retract your hand and place it back into the machine.

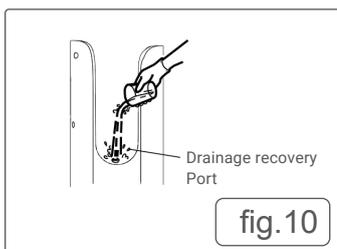
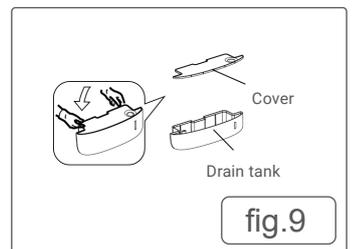
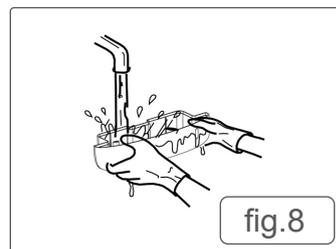
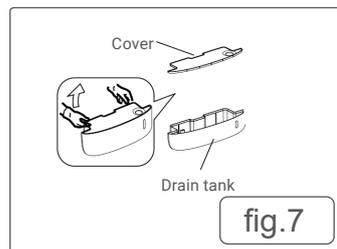
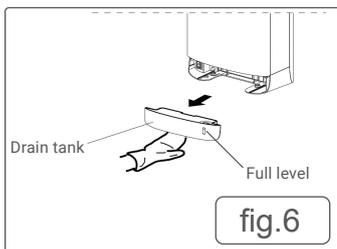


**OPERATION**



**MAINTENANCE**

- **WARNING!** Always disconnect the power supply before performing any maintenance to avoid electric shock.
- Wipe the exterior of the unit with a soft, damp cloth.
- **DO NOT** use abrasive cleaners, solvents, or water jets.
- **DRAINAGE AND CLEANING OF THE DRAIN TANK**
- Drain and clean the tank before it becomes full, at least once a week.
- The water blown off the hands is collected in the drain tank. Empty the drain tank regularly to prevent the water level from exceeding the maximum capacity. If water is left in the tank for an extended period, unpleasant odours may develop.
- Pull the drain tank out horizontally to ensure that the collected water does not spill. Fig.6
- Open the drain tank cover. Use your fingers to lift the cover at both corners, then remove it completely. Fig.7
- Wash the inside of the drain tank. Allow to dry. Fig.8
- Close the drain tank cover and reattach it to the unit in its original position. Fig.9
- Add 200 cc (approximately one cup) of water through the drain hole to prevent clogging. Before using the unit, confirm that the drain tank is correctly installed and securely in place. Fig.10



• **CLEANING THE HEPA FILTER**

- Clean the **HEPA** filter when the airflow drops significantly, or at least once every six months.

**1. Remove the air filter**

First, pull out the drain box. Then, hook your fingers onto the hook on the **HEPA** filter frame and pull the filter out horizontally.

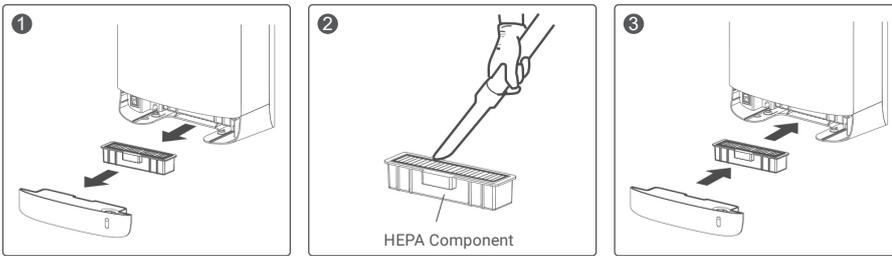
## 2. Clean the air filter

Lightly tap the filter by hand or use a vacuum cleaner to remove dust. A soft brush may also be used.

**NOTE:** If the filter is washed with water, it must be completely dried before reuse.

## 3. Reattach the filter

Insert the filter fully until it stops. If the air filter is not properly installed, dirt and dust may enter the unit, shortening its service life and reducing its antibacterial effectiveness.



### • SPARE PART SPECIFICATIONS

Use only specified spare parts, especially those that affect health and safety. Using incorrect or uncertified parts may compromise the safe operation of the equipment.

### • MISUSE AND SAFETY WARNINGS

Any misuse of the equipment is likely to occur if instructions are not followed. Such misuse may compromise the safe operation of the unit and could result in injury or damage.

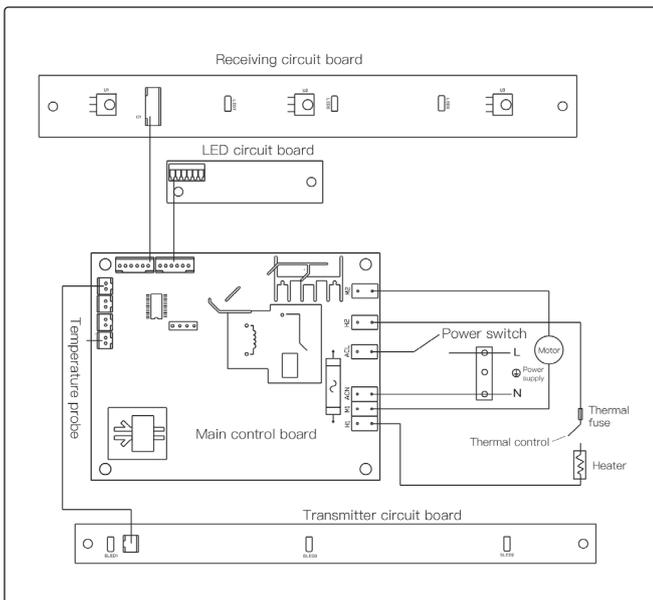
### • MAINTENANCE FREQUENCY AND TYPE

Regular maintenance should be performed on the product and its fittings to ensure safe and efficient operation. This includes routine service tasks as well as emergency repairs when necessary. Follow the recommended schedule and procedures provided in the manual for both preventive maintenance and corrective actions.

### • OPERATING PROCEDURES IN CASE OF ACCIDENT OR BREAKDOWN

In the event of an accident or breakdown, stop using the product immediately. Follow the emergency procedures outlined in this manual, including switching off power, securing the area, and contacting authorised service personnel. **DO NOT** attempt repairs beyond those described in the manual.

### • ELECTRICAL SCHEMATIC



### • TROUBLE SHOOTING

#### • DRAINAGE AND CLEANING OF THE DRAIN TANK

If any of the following circumstances are observed, inspect the drain tank and take the appropriate actions as described below.

PROBLEM	POSSIBLE CAUSE	ACTION
No air flow when hands are inserted.	1. The display indicators are not lit. 2. There is a power outage. 3. Hands are not inserted fully.	1. Turn the ground-fault circuit breaker on. 2. Turn on the power switch. 3. Place your hands fully into the air outlet.
The unit continues to operate for a long time after hands are removed.	Is there any dirt or foreign object on the sensor?	Switch off the power. Once the power indicator is off, remove any dirt or foreign objects from the sensor. After cleaning, switch the power back on.
No hot air.	Is the ambient temperature too high?	This unit has a built-in temperature control probe. If the ambient temperature exceeds 25 °C, the heater will stop operating.

- **DISMANTLING AND DISPOSAL**

- When the product is out of service, dismantle it carefully according to the instructions to separate components and materials. At the end of its life, dispose of the product in accordance with local regulations. Do not discard it with general household waste; follow proper recycling or hazardous waste procedures to minimize environmental impact.



### **Environment Protection, Waste Electrical and Waste Electronic Equipment Regulations (WEEE)**

Recycle unwanted packaging materials. When this product is no longer required, or has reached the end of its useful life, please dispose of in an environmentally friendly way. Drain any fluids (if applicable) into approved containers, in accordance with local waste regulations. It is our policy to continually improve products and we reserve the right to alter data, specifications and parts without prior notice. No liability is accepted for incorrect use of this product. Guarantee is 12 months from purchase date, proof of which is required for any claim.