

# Powerdri

*Professional Dehumidifier*

UK User Manual  
Accessories  
Warranty Registration



Your Ebac Dehumidifier has been specifically designed to cope with Britain's unique & unsettled climate by Europe's No.1 manufacture of dehumidifier.



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## Introduction

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The first time you plug in your new Ebac dehumidifier, you'll begin to realise the difference it will make to your home. You'll be amazed at just how much water this quiet, yet powerful unit extracts and stores in its container. It'll get you thinking where it all comes from and where it's been going all these years.

Incredibly, the average family produces 20 pints/12 litres of moisture a day. However, that's one fact you needn't worry about now.

Your Ebac dehumidifier is designed to cope with everything you do that adds even more moisture to the British climate. Everything from showering to washing up, boiling a kettle to breathing - they all add moisture to the air.

This brochure will help you get the very best out of your Ebac and not only protect your home from the damaging effects of condensation and damp, but also improve the quality of your air.

During installation and maintenance, respect the precautions indicated in the manual, and on the labels applied inside the units, as well as all the precautions suggested by good sense and by the safety regulations in effect in your country.

## It's surprising what an Ebac can do for your home

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There's a lot more to your Ebac dehumidifier than preventing damp and condensation damage. It could actually improve your health.

Damp conditions provide the ideal breeding ground for dust mites. So, if you suffer from an allergy or asthma aggravated by dust mites, lower humidity levels may help. Also, sufferers of arthritis, bronchitis and rheumatism may also find relief from drier, warmer air.

Economy-wise, your Ebac dehumidifier costs typically 2p an hour to run. It can even lower your heating bills, as moist air absorbs heat. This is then removed and channelled back into the atmosphere to raise temperatures by up to 3°C. Plus, being light and portable, every room in the house can benefit too.

Once your condensation problem is under control, your dehumidifier will extract from 1 to 2.5 litres of water per day.

### Important

Your Ebac Powerdri is packed in a plastic wrapping; please ensure that it is disposed of safely where it will not be a danger to children

## Before operation

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- 1 Stand your dehumidifier upright for at least 2 hours prior to operating.
- 2 Open the water container door, remove the water container - replace and close the door. This will reset the sensors which may have been activated during transit.

**Please note:** This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

# Getting the most from your Powerdri

- 1 Ensure internal doors are kept ajar where possible to allow air circulation.
- 2 Ensure external doors and windows are kept closed as much as possible.
- 3 Ensure the unit is positioned on a flat, even surface.

## Setting the controls

### Version 1

#### Humidistat






Turn the humidistat to the appropriate symbol on the dial. When drying is complete switch off the dryer by turning the Humidistat to its lowest setting and unplugging the dryer from the mains. When using for automatic humidity control initially turn to the highest setting, when signs of excess moisture are reduced, gradually turn the humidistat dial anti-clockwise to the point where the dryer just switches off. This level of humidity will now be maintained. If signs of excess moisture re-appear, increase the humidistat setting slightly until the problems are again under control.

### Version 2

#### Humidistat

Turn the humidistat dial to the appropriate symbol on the fascia and the indicator light will show amber. When drying is complete, switch off the dryer by turning the Humidistat to its lowest setting and unplugging the dryer from the mains. When used for automatic humidity control, initially turn clockwise to the highest setting and the indicator light will show amber, when signs of excess moisture are reduced, gradually turn the humidistat dial anti-clockwise. As you turn the dial anticlockwise each position sets a target relative humidity (RH) which is lower the further it is turned, once the target RH is achieved the indicator light will turn green. This level of humidity will now be maintained. If signs of excess moisture re-appear, increase the humidistat setting slightly until the light turns amber. After adjusting the humidistat always allow 5 minutes for the unit to start dehumidifying.

#### Setting

-  Mid humidistat setting for homes with general moisture levels
-  Control unwanted moisture wherever it occurs
-  Assists with indoor laundry drying
-  Dry rooms and plaster quickly and effectively
-  High humidistat setting for maximum extraction

## Fan speed control

To adjust the fan speed, turn the fan speed dial to the desired position.

### Setting

1

Function | Low/Quiet Setting

2

Function | High Setting for maximum extraction

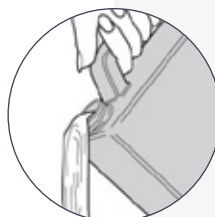
## Emptying the Water Container

The red light on the control panel will illuminate when the container is full.

When this occurs, water collection stops.



*To empty, open the water container access door.*



*The container can then be removed and emptied as shown*

*Replace the container back into the dehumidifier with the outlet on the left hand side and gently close the door.*

## Cleaning the Filter

Your Powerdri has a filter to remove dust from the air.

This filter should be cleaned every month and replaced every 3 to 4 months dependent upon usage.

Failure to do this will reduce the performance of your dehumidifier and may, over time lead to a permanent reduction in performance.



*Remove the filter cartridge from the rear of the unit.*



*Clean the filter using a vacuum cleaner on a low power.*

*Replace the filter cartridge onto the rear panel.*

## Using the Permanent Drainage Facility

Your dryer can be used in unattended dwellings such as holiday homes without emptying the water container. To enable this facility you must use the permanent drainage kit supplied.

### Fitting the Drainage Kit

Disconnect the Powerdri from the power supply before fitting the drainage kit.



*Remove the permanent drainage seal from the rear of the unit.*

*To prevent this being mislaid this is attached to the rear of the panel of your dryer.*



*Locate the end of the drainage tube with the bleed hole.*

*Push this end of the tube onto the permanent drainage outlet (it may help to dip the end of the tube in hot water for a few seconds to soften it) ensuring that the bleed hole is located at the top.*



*Ensure that the tube is securely attached to the drainage outlet and route the pipe ensuring that:*

- *The pipe is not kinked nor has an excessive number of bends in it.*
- *The level of the pipe does not rise above the level of the machine's drainage outlet.*

## Looking after your Powerdri

Your Powerdri requires very little maintenance, however, to maximise performance clean the filter every month (replacing every 3 to 4 months dependent upon usage) and every 6 months you should check the drainage system as follows:

- 1 Using a standard matchstick or small plastic bottle brush, remove any residue from the water drain outlet above the water container (left hand side).
- 2 Pull out the permanent drainage bung from the rear of the unit. This should then be pushed in and out a few times to remove any build up inside the drain tray (have a cloth or other absorbent material handy to catch the water). The bung should then be pushed fully home to reseal the drain tray.

**Never use solvents or abrasive cleaners to clean your Powerdri.**

## If your Powerdri fails to operate

Always check the following list before requesting a repair service. Should a service call be requested and the fault is found to be detailed below, a charge may be incurred.

### Power indicator light is not illuminated

Check

- 1 The unit is switched on at the mains. If necessary test the socket by plugging in another appliance.
- 2 Check the fuse in the plug and if necessary replace with another 13 amp fuse. If you continue to have problems please see 'Requesting Service'.

### Power indicator light is illuminated, but the unit is not collecting water

Check

- 1 Version 1 - The humidistat (if activated) may be set too low, increase the setting. Version 2 - If the indicator light is green the unit has reached the RH level, turn the dial clockwise until the indicator turns amber.
- 2 The water container may be full, empty the container.
- 3 Ensure the water container is fitted. If you continue to have problems please see 'Requesting Service'.

### Reduced water extraction

Check

- 1 **Version 1** | The humidistat (if activated) may be set too low, if signs of condensation or dampness remain, increase the setting.  
**Version 2** | If the indicator light is green the unit has reached the RH level, if signs of condensation or dampness remain, turn the dial clockwise until the indicator turns amber.
- 2 The filter may be blocked. Remove, clean and refit.
- 3 After being installed all dehumidifiers will collect less moisture as initial excess moisture is removed. This is normal.
- 4 The dehumidifier may be positioned next to a heat source i.e. a radiator – reposition. If you continue to have problems see 'Requesting Service'.

### Red water container light remains on all the time and the dehumidifier is not running (Normal when the water container is full).

Check

- 1 Ensure the water container is not full.
- 2 Ensure the water container is fitted. If you continue to have problems see 'Requesting Service'.



## Requesting service

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Before requesting a service call please read the section 'If your Powerdri fails to operate correctly' and follow any advice this offers. If after following this advice you still experience problems please obtain the following information then either log on to [www.ebac.com/faq](http://www.ebac.com/faq) and use our quick and easy diagnostics system to resolve your problem or contact our customer service desk on 0345 805 0000 (UK only)

1. Model and serial numbers (located on a rating plate behind the water container).
2. Your Name, Address, Postcode and Telephone Number.
3. Where your dehumidifier was purchased.
4. Date of purchase.
5. If applicable, any valid guarantee extension.

## Technical and Safety information

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**Min Operating Temperature 3° C**

**Max Operating Temperature 35° C**

**Fuse Rating 13A**

- Do not use the machine if the power cord or cabinet are damaged.
- If the machine is damaged or in need of repair please contact Ebac.
- Do not poke objects into any grilles on the machine.
- This machine complies with EMC/RFI directive EN60555 (BS800).
- Ebac has a policy of constant development and, therefore, reserves the right to change specifications without prior notice.
- Do not use the machine without the permanent drainage bung in place on the back of the machine.
- Your dehumidifier should not be located in such a way that it will become an obstacle or hazard.
- Your dehumidifier should not be placed directly at the top of the stairs.
- To protect against electrical shocks, do not immerse unit, plug or cord in water, or spray with liquids.
- Ebac would always recommend plugging the appliance directly into the mains where possible however an extension lead may be used if required. The extension lead should be rated at the correct current for the appliance, fuse protected and electrically safe. The extension must not be overloaded. It is the responsibility of the user to ensure all of these conditions are met. Ebac wouldn't accept any responsibility for malfunction due to the use of an extension.
- Ensure Power supply is RCD protected at 30mA.
- Do not put the unit close to heat-generating devices or near flammable and dangerous materials. (e.g. electrical fires, fireplaces, etc.)

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**WARNING! THIS PRODUCT CONTAINS R290 FLAMMABLE REFRIGERANT GAS.  
READ THE SPECIFIC WARNINGS GIVEN IN THIS MANUAL.**

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## Warnings for using R290 refrigerant only

- The appliance contains R290 gas (A3 flammability classification).
- Do not use any means to accelerate the defrosting process.
- When cleaning the appliance this should be limited to the exterior panels and filter, following the guidelines within this manual. If the appliance is installed, used or stored in an unventilated room, the room must be such as to prevent stagnation of possible leaks of refrigerant gas as there could be a danger of fire or explosion should the refrigerant come into contact with electric heaters, stoves or other sources of ignition.
- The appliance shall be stored in a well-ventilated area where the room size corresponds to the room area as specified for operation. (4m<sup>2</sup> - this equates to a 2 meter by 2 meter room)
- The appliance shall be stored in a room without continuously operating ignition sources (for example: open flames, an operating gas appliance or an operating electric heater).
- Do not pierce or burn.
- Be aware that the refrigerants may not contain an odour.
- Appliance should be installed, operated and stored in a room with a floor area larger than 4m<sup>2</sup> (this equates to a 2 meter by 2 meter room).
- This appliance contains ≤90g of R290 refrigerant gas
- R290 is a refrigerant gas that complies with the European directives on the environment. Do not puncture any part of the refrigerant circuit.
- Compliance with national gas regulations shall be observed.
- Keep ventilation openings clear of obstruction.
- The appliance shall be stored so as to prevent mechanical damage from occurring.
- The appliance must be returned to the manufacturer Ebac for service or repair.
- This dehumidifier must not be used in spaces where there is a high concentration of gases, solvent or other volatile organic compounds; in very dusty environments; in any domestic, commercial or industrial environment where the air composition is flammable.



### CAUTION





Risk of fire/flammable materials (Required for R290 units only)



### IMPORTANT NOTICE

Read this manual carefully before installing or operating your new dehumidifier unit. Make sure to save this manual for future reference.

## EXPLANATION OF SYMBOLS DISPLAYED ON THE UNIT

	<b>WARNING</b>	This symbol shows that this appliance uses a flammable refrigerant. If the refrigerant is leaked and exposed to an external ignition source, there is a risk of fire.
	<b>CAUTION</b>	This symbol shows that the operation manual should be read carefully.
	<b>CAUTION</b>	This symbol shows that service personnel should be handling this equipment with reference to the installation manual.
	<b>CAUTION</b>	This symbol shows that information is available such as the operating manual or installation manual.

## Warranty Registration

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Thank you for purchasing an Ebac dehumidifier. If you have purchased directly with Ebac, your warranty has been automatically registered and active from day of purchase. If you have purchased an Ebac dehumidifier through one of our approved retailers - don't forget to register your unit online!

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## How to Register

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Log on to [www.ebac.com/support/warranty](http://www.ebac.com/support/warranty) to register your Ebac dehumidifier warranty.

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## Why Register?

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There are three reasons to register your Ebac dehumidifier:

- 1 You can take full advantage of your Ebac warranty.
    - Fast repair service carried out by Ebac with the unit collected and delivered from and to the place most convenient to you.
    - All parts and labour included.
  - 2 Your details are on record which enables us to help you much faster.
  - 3 You can choose to sign up to our mailing list to receive the latest product information and up to date offers.
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## What's Covered

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- Your dehumidifier will receive unlimited repairs for any mechanical failure within the period of the warranty.
  - The costs associated with the collection, repair and return delivery of the dehumidifier.
  - The warranty covers dehumidifiers in domestic use in Great Britain and Northern Ireland.
  - Visit [www.ebac.com/support/warranty](http://www.ebac.com/support/warranty) for Terms and Conditions.
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## What's not Covered?

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- The warranty does not cover wear and tear to the unit exterior or air filter.
- You may be charged if no fault is found or the fault is due to user error.
- The warranty does not cover accidental damage.

*In the event of a breakdown, log on to [www.ebac.com/support/faqs](http://www.ebac.com/support/faqs) and use our quick and easy diagnostics system to resolve your problem without the need to speak to one of our Customer Service Team.*

*Alternatively call our customer service team on 0345 805 0000 during our normal hours.*

This warranty does not affect your statutory rights as a purchaser.



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**Tel: +44 (0)345 805 0000**

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Where you see this symbol on any of our electrical products or packaging, it indicates that the relevant electrical products should not be disposed of as general household waste in Europe. To ensure the correct waste treatment of the product, please dispose of it in accordance with any applicable local laws or requirements for disposal of electrical and electronic equipment in so doing, you will help to conserve natural resources and improve standards of environmental protection in treatment and disposal of electrical waste.