

## **Owner's Manual** **BD600 Portable Dehumidifier**

Original Instructions • Model F509

**LEGEND BRANDS HOLDINGS LTD.**

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**The high-efficiency BD600 reduces humidity in enclosed environments by removing water vapor from the air.**

Patents: <http://www.LBpatents.com>

### **READ AND SAVE THESE INSTRUCTIONS**

#### **SAFETY INSTRUCTIONS**



**WARNING! Do not alter or modify your BD600 in any way. Use only replacement parts authorized by Dri-Eaz Products, Inc. Modifications or use of unapproved parts could create a hazard and will void your warranty. Contact your authorized Dri-Eaz distributor for assistance.**

**WARNING! Do not operate unit in standing water. Electric shock hazard. Unit must be grounded.**

**WARNING! Unplug unit before opening cover for cleaning or servicing.**

- Inspect the power cord before use. If cord is damaged, do not use. Always grasp the plug (not the cord) to unplug.
- Keep motor and wiring dry. Do not expose to rain, water or snow. Keep out of standing water and do not install in area likely to be subject to water intrusion.
- Turn off unit and unplug before lifting or moving.
- Handle the unit carefully. Always operate the unit on a stable, level surface. Do not drop, throw, or place where it could fall. Rough treatment can damage the unit, and may create a hazardous condition or void the warranty.
- Do not attempt to repair the unit yourself. For Authorized Service Centers, call Dri-Eaz at +44 (0)1908-611-211
- To reduce the risk of fire or electric shock, do not use this unit with any solid-state speed control device.

- 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.

#### **FIRE HAZARD**

- Keep away from open flames and heat sources.
- Do not use or store where vapors from gasoline, solvents, thinners or other flammable materials may be present.

#### **INTRODUCTION**

The BD600 reduces humidity in enclosed structural environments by removing water vapor from the air. With proper use, the BD600 can help to dry out damp structural materials, insulation, and contents, and maintain a healthy level of humidity. Using the BD600 may also prevent secondary damage caused by high humidity.

#### **How the BD600 works**

The BD600 refrigerant dehumidifier uses a fan to draw moist air in and condenses it into water that collects in a tray and drains out through an optional drain hose.

#### **Features:**

- Recessed handles for easy positioning in confined spaces.
- Convenient 4 l collection tank with automatic shut-off to prevent overflow.
- May be attached to drain hose (purchased separately) for continuous operation.
- Quiet operation and low power consumption.

#### **BEFORE YOU BEGIN**

##### **Warranty registration**

Warranty registration procedures vary by country/market. Contact your local distributor for assistance. Registration allows us to better assist you with using, maintaining or servicing your equipment and to contact you in case we have important safety information concerning your Dri-Eaz product. If you determine service is required, have your equipment model, serial number and original proof of purchase available and ask for assistance with obtaining a return material authorization (RMA).

## PARTS IDENTIFICATION

FIG. A: FRONT

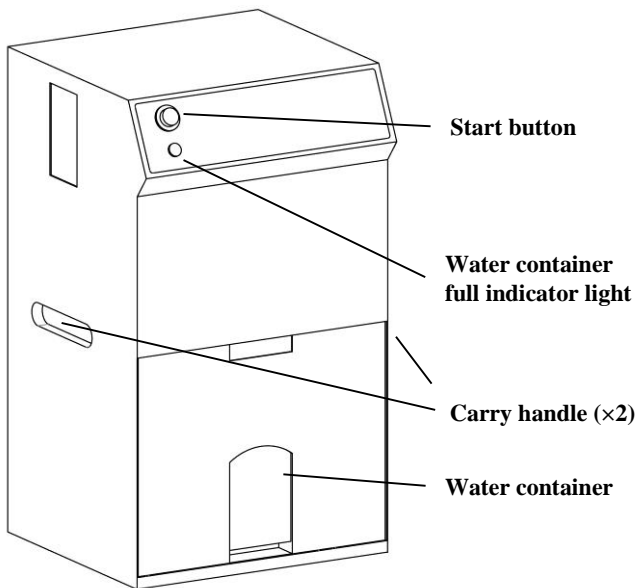
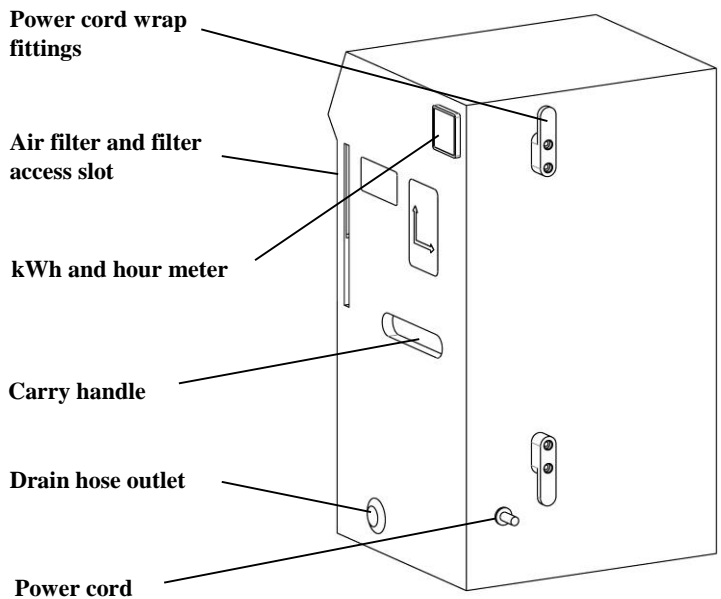


FIG. B: REAR



## Operating Features

**Combined kWh and hour meter.** Indicates the total number of running hours and kilowatts consumed. The meter cannot be reset.

**Water full indicator.** An indicator light will glow amber when the collection container is full. Remove and empty the basin, and replace it inside the unit.

**Defrost mode.** In colder temperatures, the unit may automatically enter a “defrost mode” to reduce the build-up of frost on the evaporator coil inside the unit. When the unit enters this mode, the compressor will stop operating and the fan will continue to operate until any frost has been thawed. *No user intervention is required during this operation.* The unit will automatically resume normal operation when the defrost operation is completed.

**Compressor protection function.** In certain circumstances, the unit may require a 3 minute rest before restarting. **If the unit does not operate when you press the Start button, wait three minutes and try again.**

## OPERATING INSTRUCTIONS

**Position the unit.** The unit should be placed on a firm, level surface. To permit adequate airflow, provide at least 30 cm of clearance around all sides of the unit.

**Set up.** Ensure that the collection basin is in place.

If using the drain hose, make sure it is properly placed

over the basin drain outlet nipple. Place the other end of the drain hose in a suitable container or in a floor drain at a level below the basin drain hose outlet. Make sure there are no kinks or sharp bends in the drain hose.

- 1. Switch unit on.** Press the power button. Unit will begin operating.
- 2. Switch off.** Press the power button again to turn the unit off.

## Operating Tips

The amount of humidity the BD600 can remove from the air is dependent on airflow, temperature, and humidity.

**Depending on these factors, the unit may need to operate for several minutes before producing any water in the collection container. Note that the unit will remove very little water in excessively cold (<5° C) or dry (<30% RH) conditions.**

The unit should be operated only in temperatures between 5°–32° C. Operating in temperatures above below or above this range will produce very little water and may possibly damage the machine.

Always place the unit in a level position. Operating or storing the unit beyond 45° may damage the compressor.

The unit will produce a small amount of heat during operation. Temperatures in the treated area may rise 1°–3° C. This is normal.

Ensure adequate air flow through the unit at all times. Clean the filter regularly, and keep the unit at least 30

cm away from any walls, cabinets, furniture or other obstructions that might restrict the flow of air.

Do not operate the unit without the filter in place. Avoid operating the unit in environments that are excessively dusty. If this is necessary, be sure to clean the filter more frequently.

## Maintenance

### AS NEEDED

**Clean Filter.** Vacuum the filter first, and then rinse in clean water. Allow the filter to dry before reinstalling in the machine.

**Clean collection basin and drain hose (if used).** Periodically rinse out the collection basin and allow it to dry. A mild detergent solution may be used for more difficult soiling. Inspect the drain hose for any blockages.

**Clean exterior housing.** Wipe the housing with a clean cloth. A mild detergent solution may be used for more difficult soiling.

## SPECIFICATIONS

Model	BD600 Portable Dehumidifer (F509)
Weight	20,5 kg
Dimensions (D x W x H)	25,5 x 55,0 x 31,0 cm
Operating range	5°–32° C
Amp	1,5 A
Power	360W / 220–230V / 50Hz
Sound level (avg.)	73.43 dB
Water removal	
AHAM	9 L/day (27°C/60%RH)
Max	19 L/day (32°C/90%RH)
EU standard	7 L/day (20°C/60%RH)
EU standard	15 L/day (30°C/80%RH)
Sound level	55 dB (avg.)
Air movement	158 m <sup>3</sup> /hr
Water container capacity	4 l
Refrigerant	R134A
Safety	CE
Specifications are subject to change without notice. Some values may be approximate.	

