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**DH 40 U**  
**DEHUMIDIFIER**  
**DESHUMIDIFICATEUR**  
**DESHUMIDIFICADOR**  
**DESUMIDIFICADOR**



**Instructions for use**  
**Mode d'emploi**  
**Instrucciones para el uso**  
**Manual de instruções**

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## IMPORTANT SAFEGUARDS

When using electrical appliances, basic safety precautions should always be followed, including the following:

- Read all instructions.
- This appliance is designed to dehumidify domestic living areas, and must not be used for other purposes.
- The appliance must not be modified in any way, as any modifications may be extremely dangerous.
- If the appliance requires repair, always contact a Service Centre authorized by the manufacturer. Always insist on original spare parts. Repairs carried out by non-qualified personnel may be dangerous and render the warranty null and void.
- This appliance must be used by adults only. Do not allow children to play with the appliance.
- The appliance must be adequately grounded. Have your electrical circuit checked by a qualified electrician.
- Do not use extension power cables.
- Always remove the plug from the socket before performing cleaning or maintenance operations.
- Do not move the appliance by pulling the power cable.
- Do not install the appliance in areas containing gas, oil or sulphur. Do not install the appliance near sources of heat.
- After switching off the appliance, always wait at least three minutes before switching it on again.
- Do not place heavy or hot objects on the top of the appliance.
- Clean the air filter at least once weekly.
- The appliance must always remain upright or laid on one side during transportation. Remember to drain the canister before transporting the appliance.

After transporting the appliance, wait at least one hour before using it.

**THIS PRODUCT IS FOR HOUSEHOLD USE ONLY**

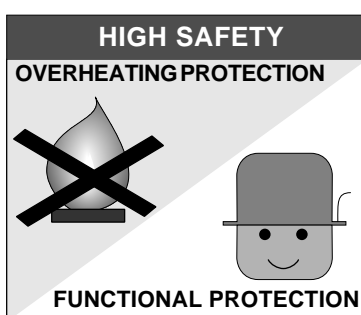
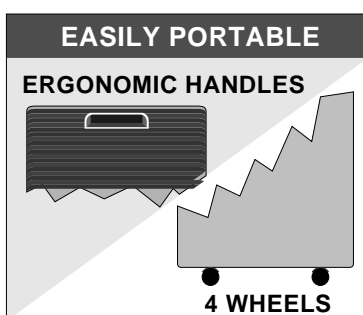
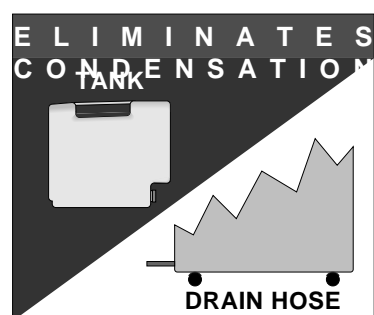
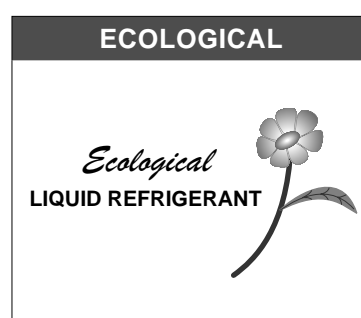
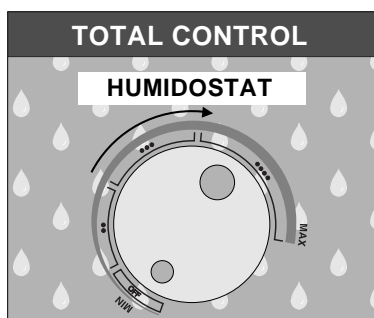
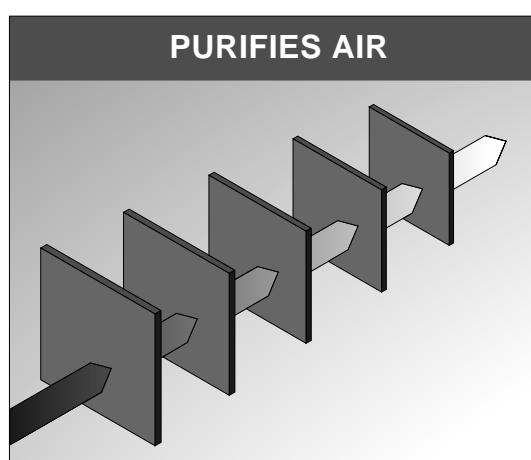
**SAVE THESE INSTRUCTIONS**

**Read this instruction booklet carefully before installing and using the appliance. In this way, you will obtain the best possible results and maximum operating safety.**

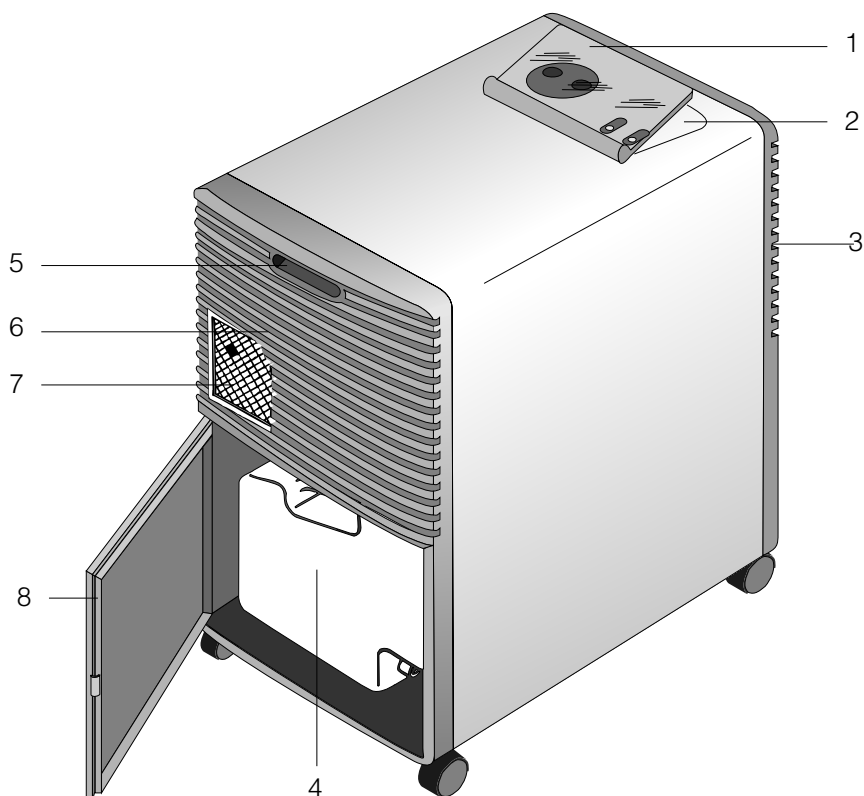
## Presentation

The DH 40 U Dehumidifier removes humidity from the air in the areas in which it is installed. The appliance is compact and fitted with wheels and handles which facilitate its movement.

This appliance is recommended for all rooms in which excessive humidity is liable to build up, e.g. kitchens, bathrooms, laundry rooms, cellars etc.



## Description



1. Panel cover
2. Control panel
3. Air outlet grille
4. Canister
5. Lifting handle
6. Air intake grille
7. Air filter
8. Canister access panel

## Technical characteristics

Power supply	see rating label
Absorbed power	730 W
Absorbed current	see rating label
Moisture removed	see rating label
Volume of air dehumidified	260 m³/h
Coolant	R22
Humidostat	yes
Dimensions (W x H x D)	570x550x300 mm
Weight (net)	27 Kg.
Capacity of canister	6 litres
Operating limits:	
• temperature	18° - 32 °C
• relative humidity	40 - 95 %

Standard operating conditions: 27°C - 60% RH

## IMPORTANT

### When to use your dehumidifier

This dehumidifier is designed to bring humidity level within a comfort zone (from 45% to 65% relative humidity. This is the mid range of the humidistat setting).

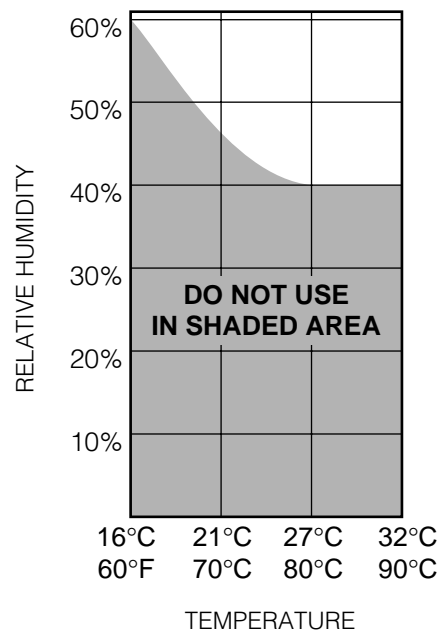
The chart (shaded area) indicates when a dehumidifier should not be used since the humidity level is low enough.

Operating a dehumidifier under the conditions shown in the shaded area may cause frosting or icing-up of the coils which will prevent the collection of any moisture.







Experts have established that optimal atmospheric conditions, both for physical health and the preservation of furniture and other items, vary between 45% and 60% relative humidity. It is therefore advisable to keep rooms within these values.

### Caution

***Before operating unit check that float is suspended freely inside the bucket.***



**Accessories**

	Description	Quantity
	outlet pipe	1
	$\frac{3}{4}$ " ring nut	1
	washer	1
	condensation discharge tube	1 (2 m.)
	rubber cap	1
	blanking seal	1

## Installation

Place the appliance in the room that you wish to dehumidify.

It is essential to leave a space of at least 50 cm. around the appliance in order to ensure adequate ventilation.

The condensation can be discharged in one of two ways:

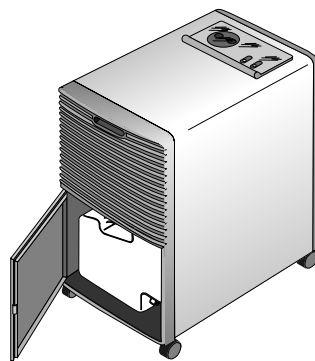
### A) Discharge into the canister

The condensation generated by the dehumidifier can be discharged directly into the canister which is located inside the appliance (fig. 1).

When the canister is full, a warning lamp lights and a special safety device switches off the appliance.

The canister can be easily removed for emptying.

Fig. 1



### B) External discharge

The condensation can be continually drained out of the tank by fitting a drain outlet pipe and hose to the canister.

If this is desired, proceed as follows:

- 1) Drill a hole in the area marked on the union so that the condensation water in the tank can drain out.
- 2) Fit the seal ring, outlet pipe and ring nut to the tank union (see fig. 2).
- 3) Position the canister inside the dehumidifier housing.
- 4) The housing door features a pre-marked hole for the condensation drain hose (fig. 3). Remove the centre disk and pass the hose through the hole.

N.B. If you want to go back to collecting the condensation in the tank, remove the outlet pipe, fit the blanking seal and fix it in place using the ring nut.

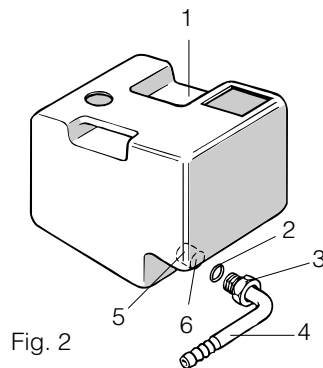


Fig. 2

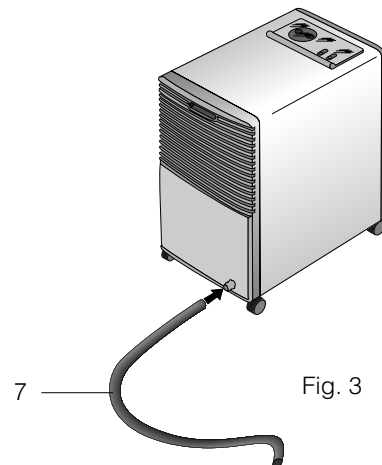


Fig. 3



## Electrical connections

### Before connecting the appliance to the power supply, check the following:

- The mains power supply must correspond to the power supply shown on the rating plate.
  - The power socket and the electrical circuit must be adequate to supply the appliance.
  - The power socket must match the plug. If not, have the plug replaced by qualified personnel.
  - The power socket must be adequately earthed.
- The manufacturer accepts no responsibility if these safety regulations are not complied with.

## Description of the controls

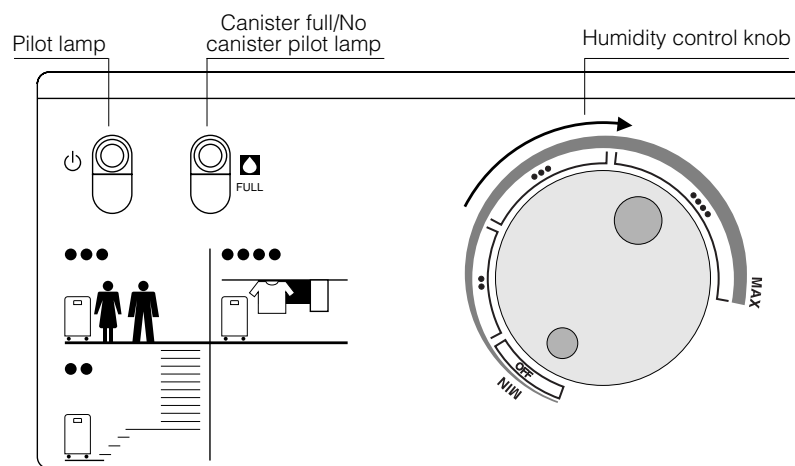


Fig. 4

## Using the dehumidifier

- 1) Plug the appliance into the power socket. The pilot lamp lights to show that the appliance is switched on.
- 2) Check that the "Canister Full/No Canister" pilot lamp is off.
- 3) Turn the humidity control knob to "MAX" for continuous operation.
- 4) To switch off the appliance, turn the humidity control knob anti-clockwise to the "OFF" position.

### Note:

For technical reasons, the humidity is expressed in **levels** rather than in degrees.

We recommend starting with the humidity control knob set to "MAX". When the humidity in the room reaches the desired level, turn the knob slowly anti-clockwise until the appliance switches off. In this way, the appliance is programmed to maintain the exact humidity level that you desire.

When the appliance is in operation, as well as dehumidifying, it also heats the room.

## The control panel shows a number of examples:

- ● To dehumidify an area that is not lived in, such as a cellar.
- ● ● To dehumidify the living area.
- ● ● ● To dehumidify rooms where low humidity is desired, such as the laundry room.

## Maintenance

Always remove the plug from the power socket before performing any cleaning or maintenance operations. For safety, never use a jet of water to wash the appliance.

### Cleaning the cabinet

- Clean the appliance using a damp cloth and dry using a dry cloth.
- Never use petrol, methylated spirits or solvents to clean the appliance.
- Never spray the appliance with insecticides or similar products. These may cause the paint to flake or the plastic parts to become mis-shapen.

### Cleaning the air filter

- The filter should be cleaned weekly.
- To remove the filter, open the canister access panel, remove the canister and remove the filter by pulling downwards (fig. 5).
- Use a vacuum cleaner to remove the dust that builds up on the filter. If the filter is very dirty, wash it in warm water and rinse several times. The temperature of the water should not exceed 40°C. After washing the filter, allow it to dry completely before replacing it in the appliance.

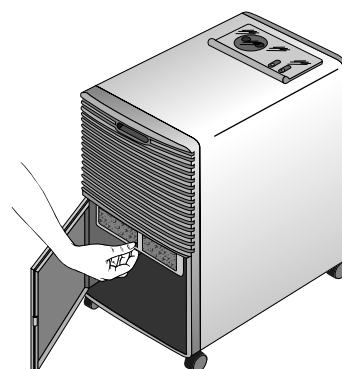


Fig. 5

### If the appliance is not used for long periods

- Disconnect the plug from the power socket and empty the canister.
- Clean and replace the filter.
- Protect the appliance from dust by covering with a large plastic bag.

## Troubleshooting

Before calling your local authorized Service Centre, check the following:

Problem	Cause	Solution
The dehumidifier does not switch on	<ul style="list-style-type: none"><li>• the appliance is not plugged in</li><li>• the humidostat is set to the minimum position</li><li>• the canister is full</li><li>• the canister is not in position</li></ul>	<ul style="list-style-type: none"><li>• insert the plug into the socket</li><li>• adjust the humidostat to the desired position</li><li>• empty the canister</li><li>• position the canister correctly</li></ul>
The appliance does not dehumidify	<ul style="list-style-type: none"><li>• the filter is dirty</li><li>• the temperature or humidity in the room is too low</li></ul>	<ul style="list-style-type: none"><li>• clean the filter</li><li>• in certain conditions, the appliance will not dehumidify the room (see "Technical Characteristics")</li></ul>
The appliance works but the humidity in the room is not reduced	<ul style="list-style-type: none"><li>• the room is too big</li><li>• too many sources of humidity in the room (e.g. boiling saucepans)</li></ul>	



## Limited Warranty

**What Does This Warranty Cover?** We warrant each appliance to be free from defects in material and workmanship. Our obligation under this warranty is limited to replacement or repair, free of charge at our factory or authorized service centers, of any defective part or parts thereof other than parts damaged in transit, which shall be returned to us, transportation prepaid. This warranty shall apply only if the appliance is used in accordance with the factory directions which accompany it, and on an Alternating Current (AC) circuit.

**How Long Does The Coverage Last?** This warranty runs for one year from the date of delivery and applies only to the original purchaser for use.

**What Does This Warranty Not Cover?** This warranty does not cover defects or damage of the appliance which result from repairs or alterations to the appliance outside our factory or authorized service centers, nor shall it apply to any appliance which has been subject to abuse, misuse, negligence or accidents. Also, consequential and incidental damages resulting from the use of this product or arising out of any breach of contract or breach of this warranty are not recoverable under this warranty. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you.

**How Do You Get Service?** If repairs become necessary or spare parts are needed, please write to:

De' Longhi America Inc.  
625, Washington Avenue  
Carlstadt N.J. 07072

or call Service Tel. No. **1-800-322-3848**

The above warranty is in lieu of all other express warranties and representations. All implied warranties are limited to the applicable warranty period set forth above. This limitation does apply if you enter into an extended warranty with De' Longhi. Some states do not allow limitations on how long an implied warranty lasts, so the above exclusions may not apply to you. De' Longhi does not authorize any other person or company to assume for it any liability in connection with the sale or use of its appliance.

**How Does State Law Apply?** This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.