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DE'LONGHI DDE50E Owner's Manual

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Introduction and Warning

Thank you for choosing this appliance to provide you and your family with all of the requirements for your home, or office. This Owner's Manual will provide you with valuable information necessary for the proper care and maintenance of your new appliance. If properly maintained, your appliance will give you many years of trouble free operation. Please take a few moments and read the instructions thoroughly and familiarize yourself with all of the operational aspects of this appliance.

This unit can be conveniently moved from room to room within your home and set-up in just minutes.

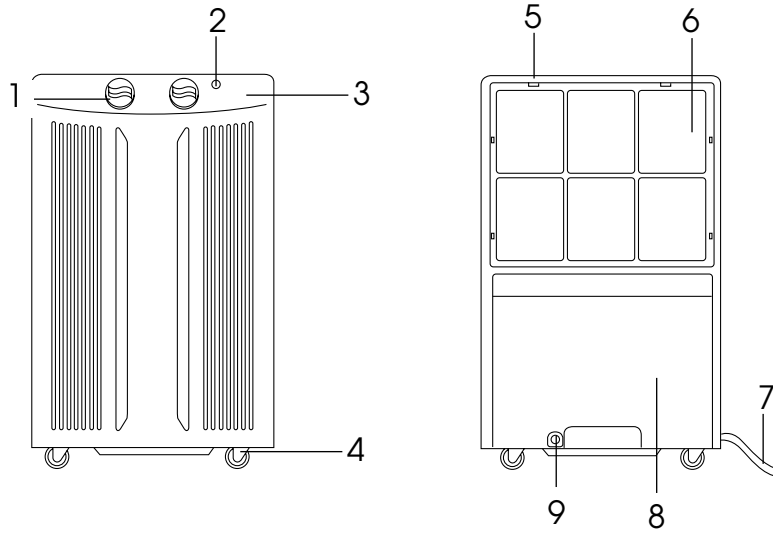
CAUTION

1. Observe all local codes and ordinances. Electrical ground is required on this unit in accordance with the national wiring regulation.
Do not , under any circumstances, remove the power supply cord ground prong.
Do not use an extension cord. Otherwise, it could cause electrical shock or fire.
2. Disconnect power cord from receptacle before servicing or cleaning.
Otherwise, it could cause electrical shock or fire.
3. Do not damage or use an unspecified power cord. If the power cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.
Otherwise, it could cause electrical shock or fire.
4. Do not plug the unit in until outside of the unit is completely dry.
Otherwise, it could cause electrical shock and personal injury hazard.
5. Do not use water collected in the tank for drinking purposes.
It is not sanitary and could cause illness or personal injury hazard.
6. Do not clean the unit while it is plugged in, especially if it is wet.
It may cause electrical shock or fire.
7. Be sure to replace tank properly after emptying to prevent water from collecting on the floor.
8. Make sure the unit is the correct size for the area you want to dehumidify.
9. Do not operate switches with wet hands. Otherwise it may cause electrical shock.
10. Install the unit properly on a floor, table, or shelf that is level and strong enough to support it with a full tank.
11. Do not install the unit in an area where temperatures will fall below 44°F (7°C), for models DDH 30 - DDE 40E - DDE 50E and 64°F (18°C) for model DDE 65E , because low temperatures could cause coils to freeze and the unit may not start.
12. Do not sit down or stand on the unit.
13. When the unit is to be cleaned, please switch off.
Otherwise it may cause electrical shock or fire.
14. When the air filter is to be removed, do not touch the fin of the unit. Otherwise it may cause an injury.

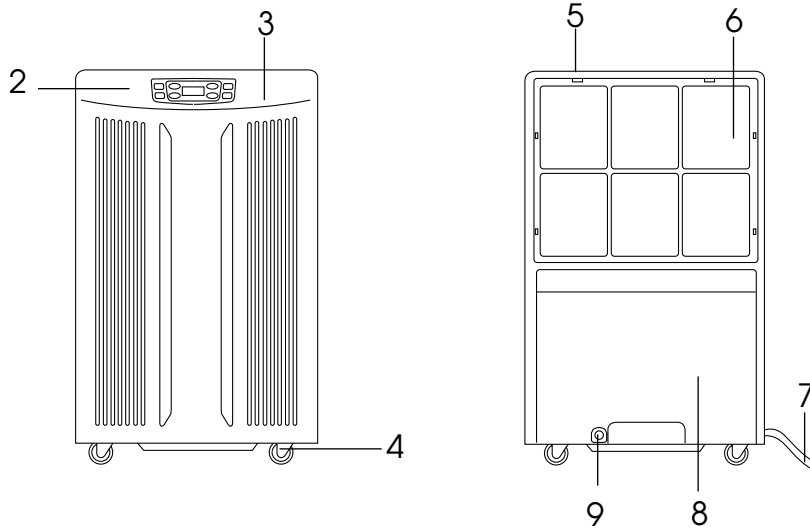
SAVE THESE INSTRUCTIONS
THIS PRODUCT IS FOR HOUSEHOLD ONLY

Description

Mechanical model



Electronic model

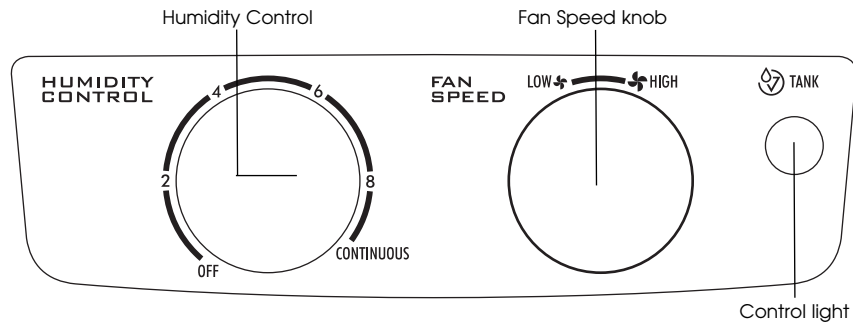


- | | |
|--------------------|-------------------------------|
| 1. Knob | 6. Air Filter |
| 2. Indicator Light | 7. Power Cord |
| 3. Control panel | 8. Water Tank |
| 4. Wheels | 9. Continuous Draining Outlet |
| 5. Cabinet | |

Control Panel

ENGLISH

MECHANICAL MODEL



The mechanical model unit has a control panel containing a two colors control light and two controls:

Auto shut-off, Fan speed and Humidity control

Green light

- The green light will illuminates indicating that the dehumidifier is on.

Red light

- The red light illuminates when the water tank is full and needs to be emptied.
- It also illuminate when the water tank is not properly positioned.

Fan speed knob

- This controls the speed of the airflow.

Humidity Control knob

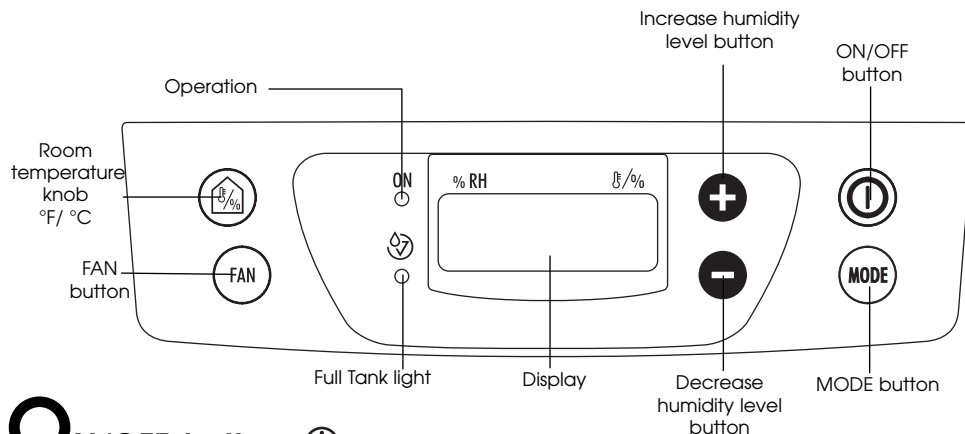
- This controls the humidity level in the room.

Unit operation

1. Turn the Humidity Control knob to **OFF**. Plug the power supply cord into an electrical outlet.
2. To turn the appliance on, turn the humidity control in the clockwise direction till the green light will be on. The Humidity Control knob can be set anywhere between **OFF** and **CONTINUOUS** for normal operation.
If you need more dehumidification, turn the Humidity Control knob toward **CONTINUOUS**. If you need less dehumidification, turn the Humidity Control knob toward **OFF**.
3. If you want to control the speed of air flow, turn the **Fan Speed** knob toward Low or High.
4. Turn the Humidity Control knob to **OFF** to stop the unit manually.

Control panel

ELECTRONIC MODEL



ON/OFF button

Press this button to start /stop the appliance. The compressor will respond to the modified humidity setting 3 minutes after the unit is switched on.

MODE button



Press this button to select the **Fan only** or Dehumidifier modes.

Room temperature knob

Press this button to display the Temperature or Humidity reading on the LCD display. If you press the button once the display will show the °F . If you press the button twice, the display will show the temperature in °C. After few seconds, the display will automatically show the humidity level.

FAN button

Press this button to select the High Fan Speed or Low Fan Speed settings.,

-  Press this button to increase the humidity level by 5% up to a limit of 80%RH.
-  Press this button to reduce the humidity level by 5% up to a limit of 30%RH. When the unit is in continuous operation the LCD screen will display two dashes.

NOTE: If the set humidity level is higher than the level in the room, the compressor will stop working, although the fan continues.
The default humidity setting is 60%RH

Display lights

Green light

When ON/OFF button is pressed to start the unit, a green light will come on automatically. The light will go off again when the unit is switched off.

NOTE: After a power outage, the unit will not switch itself on again automatically. When the power supply has been reestablished, please press the ON/OFF button to start the unit again.

Red light FULL TANK


If the water tank is full, or if it is not correctly positioned, the red light will flash.

NOTE: When the unit is operating in Fan Only mode, the red light will still flash whether the water tank is full or not correctly positioned.

However, this will not affect the working of the unit.

An alarm will sound until the tank is either emptied or correctly slotted into place.

Display screen

The unit has a LCD display screen. By default, the screen will display the relative atmospheric humidity level. If you want to see the room temperature, press  button and the temperature will be displayed for few seconds, after that the screen will return to default mode.

Disposing of the collected water

A) Empty the tank manually.

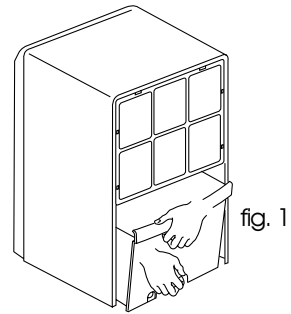
When the tank is full, remove and empty it into a large sink or tub (fig.1).

When finished, replace it properly.

NOTE: The tank must be positioned properly making sure slots on back of tank are positioned correctly.

For the electronic model, if you hear the continual sound of the buzzer, it means the tank is not in the proper position.

For the mechanical model, after removing the tank, you must first wait 3 minutes to replace the tank.

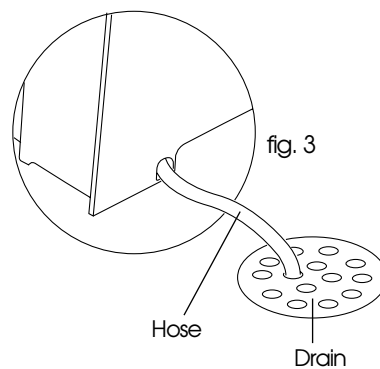
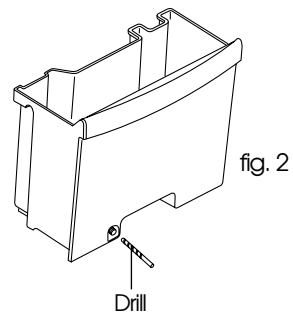


B) Continuous draining.

Condensed water can be drained via a hose connected to an outlet at the rear of the tank:

1. remove the water tank.
2. Using a 5 mm drill bit, drill a hole in the rear of the tank along the torus like in figure 2.
3. connect a hose to the hose connector. Be sure the hose does not kink or bend. Make sure that the hose is not higher than the hose connection (see figure 3).

NOTE: If you do not want to use the hose, you can plug the hole with the rubber stopper accessory.



Installation Instructions

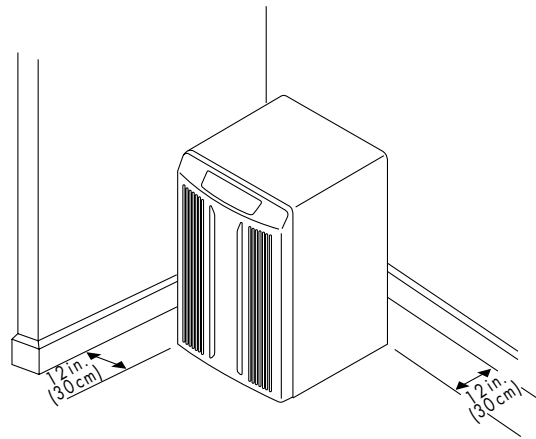
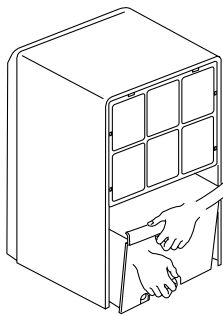
ENGLISH

1. Allow at least 12 inches (30cm) of space on all sides of the unit for good air circulation.
2. Install your dehumidifier on a floor, table, or shelf. When installing the unit on a table or shelf, make sure the table or shelf is strong enough to support the weight of the unit with a full bucket.

Do not sit or stand on the dehumidifier.

NOTE: The height of a table or shelf might provide a better position from which to handle the tank and help prevent icing of the coils due to colder air near the floor (such as in a basement).

3. The tank must be properly positioned in order for the automatic shut-off to operate correctly.
4. Castor wheels let you move the dehumidifier easily.



Choosing the proper location for the unit

1. Use the unit in a basement to help prevent moisture damage.
2. Use the unit in cooking, laundry, bathing, and dishwashing areas which have excessive moisture.
3. Use the unit to prevent moisture damage anywhere books or valuables are stored.
4. Place the unit where you want to have a comfortable conditions.

Care and Maintenance

Maintenance

Your dehumidifier is designed to serve you year-round. It needs practically no attention. However, you should check your unit and inspect the coils annually. You may call a qualified professional to perform this annual checkup.

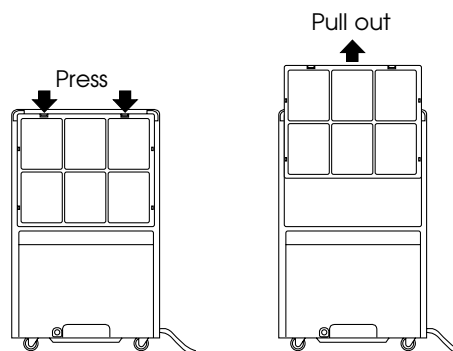
If you are familiar with electrical appliances and their functions, listed below are instructions which would allow you to do the inspection and maintenance for yourself.

The front panel and cabinet

- Using a soft cloth, clean the front panel and cabinet with warm water and a mild soap or detergent.
- Rinse and dry thoroughly. Wipe the front panel and cabinet with a soft and dry cloth.
- **NOTE:** Never sprinkle water into the appliance in order to prevent risk of short-circuit and fire.
- Never use gasoline, thinner or any other similar chemicals for cleaning.
- Do not use bleach or abrasives.

Air filter

- First, press the two hooks on the top of air filter.
- Second, slide the bottom to the top.
- Then you can take out the air filter.
- Wash the air filter with warm water and a mild detergent. Rinse and dry it thoroughly.
- The assembly order is the opposite of disassembly.



WARNING

Electrical Shock Hazard

Disconnect power supply cord from receptacle before performing any maintenance.

Keep attention not to touch the coil's fins as these are sharp.

Failure to follow the above precautions could result in the electrical shock or personal injury.

Troubleshooting tips

Frequently, a problem is minor and a service call may not be necessary. Use this troubleshooting guide to identify possible problems you may be experiencing.

PROBLEM	POSSIBLE CAUSE
Unit does not operate	<ul style="list-style-type: none"> • Check power cord connection. • Check electrical outlet for blown fuse. • Check if water tank is full (empty). • Check water tank is properly installed. • Check if the unit is not turned on.
Dehumidifying capacity (moisture removal) low	<ul style="list-style-type: none"> • Air filter is dirty and /or blocked. • Ambient room temperature too low. • Poor airflow circulation/obstruction • The control may not be set high enough
Relative Humidity setting not reached after long period of operation	<ul style="list-style-type: none"> • Check all doors and windows are closed • Area/room is too large for the capacity of the dehumidifier
Frost appears on coils	<ul style="list-style-type: none"> • Room temperature is too low

Limited Warranty

This warranty applies to all home appliances with De'Longhi or Kenwood brand names.

FOR CONTIGUOUS UNITED STATES ONLY

Limited Warranty

We warrant each De'Longhi appliance to be free from defects in material and workmanship. From the purchase date, our obligation under this warranty is to provide one (1) year free parts and labor on the entire appliance, with an additional four (4) years free on any part of the sealed system consisting of the compressor, evaporator, condenser and factory connected refrigerant tubing. Labor and all other parts during the additional four (4) year warranty are to be paid by the owner. All appliances in need of repair are to be shipped to an authorized De'Longhi service center at the owner's expense, and De'Longhi will then incur the return shipping costs. After the first five (5) years of ownership, all expenses (all parts, labor and shipping) are to be paid by the owner of the unit. This warranty shall apply only if the appliance is used in accordance with the factory directions that accompany it, and on an Alternating Current (AC) circuit. This warranty is in lieu of all other warranties and representations, expressed or implied, and all other obligations or liabilities on our part. We do not authorize any other person or company to assume for us any liability in connection with the sale or use of our appliance. This warranty shall not apply to any appliance that has been repaired or altered outside our factory nor shall it apply to any appliance that has been subjected to misuse, negligence or accidents.

If repairs become necessary, see contact information below:

U.S. Residents:

Please contact our toll free hotline at 1-800-322-3848 or log onto our website at www.delonghi.com.

For all accessories, spare parts or replacement parts, please contact our parts division at 1-800-865-6330.

CANADA Residents:

Please contact our toll free hotline at 1-888-335-6644 or log onto our website at www.delonghi.com.

Other countries:

Please visit: www.delonghi.com.