

1. INTRODUCTION

Thank you for choosing a De'Longhi product.

Take a few minutes to read these instructions for use. This will avoid danger or damage to the machine.

1.1 Symbols used in these instructions

The important warnings are represented by the symbols listed here below. It is vital to observe these warnings. Failure to observe the warnings provided may result in electric shock, serious injury, burns, fire or damage to the appliance.



Danger!

Failure to comply can be the cause of life-threatening injury by electric shock.



Important!

Failure to comply can be or is cause of injury or damage to the appliance.



N.B. :

This symbol highlights recommendations and important information for the user.

1.2 Problems and repairs

In the event of problems first try and resolve them by following the warnings provided in chapter "12. If something is not working".

For any repairs always contact a Technical Service Centre authorised by the Manufacturer only.

Always insist on the use of original spare parts.

Repairs carried out by unqualified personnel can be dangerous and can invalidate the guarantee.

2. FUNDAMENTAL SAFETY WARNING



Caution!

- The appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

- Children should be supervised to ensure that they do not play with the appliance.

FOR EUROPEAN MARKET ONLY:

- 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. Keep the appliance and its cord out of reach of children aged less than 8 years.



Danger!

This is an electrical appliance, it is therefore important to respect the following safety warnings:

If the power cable is damaged, it must be replaced by the manufacturer or the manufacturer's Customer Services in order to avoid any risk.

- Do not touch the appliance with wet hands.
- Do not touch the plug with wet hands.
- Ensure that the socket used can always be easily reached, so that the plug can be removed when required.
- If you wish to remove the plug from the socket, handle the plug itself.
- Never pull the power cable as it can be damaged.
- To disconnect the appliance completely, you must remove the plug from the socket.
- Do not attempt to repair the appliance in the event of malfunction. Switch the appliance off, remove the plug from the socket and contact After-Sales Technical Assistance.
- Do not move the appliance by pulling the power cable.
- It is dangerous to modify or alter the characteristics of the appliance in any way.

- Avoid the use of extension leads for the electrical power supply cable.
- The appliance must be installed in accordance with national rules on household appliances.
- The appliance must be connected to an efficient earthing system. Have a qualified electrician check your electrical circuit.
- This appliance is not intended for use in the reclamation of commercial or residential property damaged by water.



Caution!

Keep the packaging material (plastic bags, polystyrene foam) out of the reach of children.

2.1 Use in compliant with its intended use

This appliance is intended for domestic use only. Use this appliance only as described herein. These instructions do not intend to cover every possible condition and situation that may arise. Common sense and caution should be applied when installing, operating and storing any appliance.

2.2 General warnings

- Do not install the appliance in rooms where the air contains gas, oil, sulphur or near sources of heat.
- Do not use the appliance on sloping surfaces.
- Keep the appliance at least 50 cm away from flammable substances (alcohol, etc.) or pressurised containers (e.g. aerosol cans).
- Do not rest objects of any kind on top of the appliance.
- Always transport the appliance upright or resting on one side. Drain the condensate tank before moving the appliance. Wait at least 1 hour after transporting the appliance before starting it
- R 134a is a refrigerant gas that complies with EC environmental regulations, nevertheless avoid perforating the refrigerant circuit of the appliance. At the end of its service life, the air conditioner must be disposed of at a suitable collection centre.

ENVIRONMENTAL INFORMATION: This unit contains fluorinated greenhouse gases provided for by the Kyoto Protocol. The maintenance and disposal operations must be carried out by qualified personnel only (R134a, GWP=1430 - for further informations, see rating label).

- The materials used for packaging can be recycled. You are therefore advised to dispose of them in special differentiated waste collection containers.
- Do not use the appliance outdoors.
- Do not obstruct the air intake or outlet.

3. SOME NOTIONS ON HUMIDITY

Air always contains a certain quantity of water in the form of vapour; this determines the degree of humidity in a room.

The capacity of air to contain water vapour increases as its temperature increases. This is why in our homes, as soon as the temperature drops, the air releases the water vapour contained in it, turning into condensation, which appears on all cold surfaces such as windows, walls etc.

The dehumidifier is an electric appliance that extracts humidity from the air, avoiding the damage that it causes. Studies have shown that the ideal conditions for our health and home are obtained with a relative humidity level between 40 and 60%.





With very low temperatures, you are recommended to heat the room even minimally. This will increase the dehumidifying capacity of the appliance considerably. This is the only way, in fact, to allow the condensation that forms on the windows and other cold surfaces to evaporate into the air and be collected by the dehumidifier. The air released by the dehumidifier is, however, generally warmer than the air in the room.

4. DESCRIPTION


4.1 Appliance and accessories


- A1.** Condensate collection tank
- A2.** Water level viewing window
- A3.** Lifting handles
- A4.** Air intake openings
- A5.** Air filter (**anti-bacteria*** or anti-dust - depending on model) (* *The anti-bacteria filter, in addition to trapping dust particles, has an anti-bacterial action. Furthermore, it considerably reduces other irritating agents such as pollen and spores*)
- A6.** Air outlet grille
- A7.** Accessory box containing condensate drain nozzle and 4 castors
- A8.** Continuous drain door
- A9.** Connector plug for continuous drain with pump
- A10.** Connector for continuous drain with pump
- A11.** Pipe for continuous drain with pump


4.2 Control panel


- B1.**  ON/STAND-BY button: to switch the appliance on or off
- B2.**  HYGROMETER/THERMOMETER button: to temporarily display the relative humidity and temperature levels in the room
- B3.** Display: for symbol and abbreviation meanings on the display, refer to the following chapters
- B4 and B5.**   DECREASE/INCREASE buttons:

- to set the percentage of humidity you wish to reach in the room, by increasing or decreasing it by 5% at a time;
- to set the timer: from 0 to 10 hours, with 30-minute intervals; from 10 to 24 hours with 1-hour intervals;

B6.  **DEHUMIDIFICATION** button: to activate the dehumidification mode. Press repeatedly to select the desired dehumidifying level (MIN/MED/MAX/AUTO).

B7.  **PUMP** button: to activate continuous drain with pump








B8.  **TIMER** button: to activate delayed operation or switch-off

B9.  **LAUNDRY** button: to activate the automatic rapid laundry drying function

5. MAIN VISUALISATIONS ON THE DISPLAY

During operation, symbols appear relevant to normal functioning.

Here follows a summary of the main items displayed:

 STAND-BY	This indicates that the appliance is in Stand-by mode. Press  to switch the appliance on.
 TANK ALARM	The tank is full, absent, or positioned incorrectly. This alarm stops appliance operation until the empty tank is positioned correctly.
 DEFROSTING INDICATOR	When the appliance operates at low temperatures, it frequently carries out a defrosting cycle, which is indicated by the relevant symbol.
 SENSOR ALARMS	Indicates a possible malfunction of the sensors or that the ambient humidity is too low to be detected.
 KEYPAD LOCK	Indicates that the keypad lock is active
 PUMP INDICATOR PUMP OPERATION	STATIC: indicates that the "PUMP" function is active FLASHING: the pump is not operating correctly (see chap. "12. If something is not working")

 **N.B. :**

after a few minutes in stand by, the display turns off to save energy.

6. USE

Read these instructions carefully before using the appliance.

- Keep these instructions in a safe place.
If the appliance is transferred to other owners, they must also be provided with these instructions for use.
- Failure to comply with these instructions may result in injury and damage to the appliance.
The manufacturer is not liable for damage deriving from the failure to comply with the instructions for use.
- Keep the list of Technical Service Centres and identify the Centre nearest you.

 **N.B. :**

After having transported the appliance wait at least one hour before starting it up.

6.1 Electrical connections

 **Danger!**

Before plugging the appliance into the mains, check the following:

- The mains power supply corresponds to the working voltage indicated on the rating plate.
- The power socket and the electrical circuit are adequate for the required load.
- The mains socket is suitable for the plug, otherwise have the plug replaced by a qualified electrician.
- The mains socket is connected to an efficient earthing system.

6.2 Applying the castors

If you wish to apply the castors to the appliance, proceed as follows:

- 1) Make sure the appliance is unplugged and the tank is empty.
- 2) Remove the rubber caps from the base of the appliance by pulling them out hard, using pliers if necessary (see figure 1/a).
- 3) Apply the castors by inserting their pins into the holes (see figure 1/b).

 **N.B. :**

When carrying out these operations be careful not to incline the appliance by more than 45°; in any case, once the castors have been assembled, wait at least one hour before turning it on.

6.3 Setting it up for use


Position the appliance in the room to be dehumidified. It is essential to leave a free space of at least 50 cm in front of and above the dehumidifier, so as not to obstruct the air intake and

outlet. For efficient ventilation it is advisable to leave a space of at least 5-10 cm all around the appliance.

6.4 Draining the condensate water

The condensate can be drained in 3 ways:

a) Draining into the tank

The condensate can be drained directly into the tank. When the tank is full, the appliance stops and the display shows the tank alarm  **F E**: remove the tank (Fig. 2) and empty it (e.g. in a sink or bath tub).

Put the tank back in being careful to position the handle as show in figure 3.

b) Continuous external draining

To use the appliance for long periods of time without periodically emptying the tank, use continuous draining proceeding as follows:

- Open the door on the side of the appliance and screw the nozzle onto the fitting (Fig. 4).
- Insert a garden hose into the nozzle and lead the end of the hose to a floor-level drain. Make sure the tank is inserted correctly.
- Make sure the hose is never placed at a height above the level of the nozzle (fig. 5). Otherwise the water will continue to drain back into the tank. Make sure there are no kinks in the hose.

N.B. :


This method can be used when the condensate drainage must not exceed any difference in level compared to the discharge of the water.

c) Continuous drain with pump

The exclusive continuous drain with pump system allows for the drainage of condensate when exceeding level differences of up to 4 meters in height. Proceed as follows:

- Remove the protective plug (Fig. 6) and connect the pipe supplied (A11) (Fig. 6);
- Make sure the hose is never placed at a height above 4 meters (fig. 7). Make sure there are no kinks in the hose.
- To disconnect the hose, push the ring nut of the connector and extract (fig. 8).




N.B. :









- "Continuous drain with pump" only operates if the "Pump" function is activated with the relevant button 
- Keep the protective plug of the continuous drain with pump connector and replace when removing the pipe (A11).

7. MODE SELECTION

Connect the appliance to a power socket.
The appliance operates in the previously set mode.


7.1 Dehumidifying Mode

- Press the  button.
The display shows  and the previously-set level of relative humidity.
- Press the **+** or **-** button to select the desired level of humidity (30% corresponds to a dry environment, 80% corresponds to a humid environment).
- Press the  button repeatedly to select dehumidification power level.

		MIN
		MED
		MAX
AUTO 		AUTO Depending on ambient conditions, the appliance automatically stabilises both the humidity and power levels for dehumidification.

When the room has reached the set level of humidity, it will stop. It starts again automatically as soon as the humidity level returns to a percentage level higher than the requested level.


7.2 LAUNDRY mode

- Press the  button.
The display shows the relevant symbol and the appliance works at its maximum dehumidifying capacity.
Recommended for particularly humid rooms or to dry laundry more quickly.

8. ADDITIONAL FUNCTIONS

8.1 PUMP function


This function activates the pump to make use of the "CONTINUOUS DRAIN WITH PUMP"

- To activate the function, press the  button while the appliance is switched on.
The display shows the corresponding symbol.

N.B. :

Check that the continuous drain pipe (A11) is installed correctly.

8.2 Hygrometer/thermometer

- Press the  button.
The display shows the humidity level and then the temperature detected in the room.






N.B. :

The values detected are indicative.

8.3 Keypad lock

Useful for preventing unwanted or accidental inputs on the appliance.


- With the appliance switched off (not in stand by), keep both  and  buttons pressed simultaneously for at least 3 seconds, until the appliance emits an audible signal.

The display shows  and the keypad will be locked.

To remove the lock, repeat the procedure.






8.4 Temperature scale

The temperature can be displayed in °C or °F.

- With the appliance switched off (not in stand by), press the  button for at least 20 seconds, until the appliance emits an audible signal: the scale changes from °C to °F (or vice-versa).




8.5 Timer

How to programme delayed operation

- With the appliance in stand-by ( ) , press the  button. The display shows the relevant symbol and time delay before starting.
- Use the + and - buttons to set the delay (from 0.5 to 24 hours).
- Press the  again to confirm the selection. The  symbol stays on.

When the set time has passed, the appliance will start automatically.

How to programme delayed deactivation

- With the appliance on (not in stand by), press the  button. The display shows the relevant symbol and time delay before deactivating.
- Use the + and - buttons to set the delay (from 0.5 to 24 hours).
- Press the  again to confirm the selection. The  symbol stays on.

When the set time has passed, the appliance will stop automatically.

9. CLEANING AND MAINTENANCE

Always unplug the appliance from the power socket before performing any cleaning or maintenance operations. For safety reasons, never wash the dehumidifier using a jet of water.

9.1 Cleaning the cabinet

- Clean with a slightly damp cloth and dry with a dry cloth.
- Do not use petrol, alcohol or solvents to clean the appliance.
- Do not spray liquid insecticide or similar products as they may deform the plastic.

9.2 Air filter (anti-bacteria* or anti-dust - depending on model)

If the filter is dirty, air circulation is compromised and consequently the efficiency of the dehumidifier decreases. It is therefore good practice to clean the filter at regular intervals. Frequency depends on the conditions and duration of operation. If the appliance is used constantly or frequently it is advisable to clean the filter once a week.

- Once the tank has been taken out, remove the filter by pulling it downwards (fig. 6).
- Use a vacuum cleaner to remove dust accumulations from the filter.
- If the filter is very dirty, rinse it well with warm water. The temperature of the water must not exceed 40°C. Once washed, leave to dry completely before replacing.

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9.6 For long periods of inactivity

- After unplugging the appliance from the power socket, empty the tank.
- Clean the filter and put it back in.
- Cover the appliance with a plastic bag to protect it from dust.

10. TECHNICAL FEATURES

Power supply voltage	See rating plate
Power consumption	"
Maximum absorbed power	"
Defrost device	Yes
Hygrometer	Yes
Fan speed	3
Air filter	Yes
Operating limits:	
temperature	2°C - 32°C
relative humidity	30 - 90%






11. DISPOSING OF THE APPLIANCE



The appliance must not be disposed of with household waste, but taken to an authorised waste separation and recycling centre.

12. IF SOMETHING IS NOT WORKING

Check the following before calling the authorised TechnicalService Centre operating in your area.

PROBLEM	CAUSE	SOLUTION
The appliance is operating in dehumidifying mode but the humidity does not decrease.	The filter is clogged.	Clean the filter.
	Either the temperature or the humidity in the room is too low.	In certain conditions it is normal for the appliance not to dehumidify. Check the operating limits of the appliance in Chap. "10. Technical Features". In certain cases it is advisable to heat the room you wish to dehumidify.
	The room is too large for the dehumidifying power of the appliance, or there are too many sources of humidity (boiling pots, etc.).	
	The set humidity value is too high.	Decrease the set humidity value.
The appliance does not operate for approximately 3 minutes after start up.	The safety device has correctly made the appliance trip.	Wait for 3 minutes to pass.
The appliance stops working and "  F E " (tank alarm) is shown on the display	The tank is full.	Empty the tank and replace.
	The tank is absent, or positioned incorrectly	Put the tank back in place.
"  " is shown on the display (defrost indicator)	The temperature in the room is very low and the appliance is performing a defrost cycle.	Increase, if possible, the room temperature.
"P F" is shown on the display (sensor alarms)	Indicates a possible malfunction of the sensors or that the ambient humidity is too low to be detected.	Move the appliance to another room with a level of humidity within the operating limits indicated in Chap. "10. Technical Features" and check if the appliance starts working again. If the problem persists, call the Service Centre.
I have prepared the appliance for use with "CONTINUOUS DRAIN WITH PUMP", but the condensed water still drains into the tank.	The "CONTINUOUS DRAIN WITH PUMP" is activated by the "PUMP" function.	Press the  button (B7).
 appears flashing on the display	The pipe for "CONTINUOUS DRAIN WITH PUMP" is kinked or not inserted.	<p>The pump safety device has tripped. Proceed as follows:</p> <ul style="list-style-type: none"> • See Par. "c) Continuous drain with pump" to prepare the appliance correctly; • Disconnect the appliance from mains power; • Reconnect the appliance to mains power and press the  button.