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You can read the recommendations in the user guide, the technical guide or the installation guide for DELONGHI DEC 18. You'll find the answers to all your questions on the DELONGHI DEC 18 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

**User manual DELONGHI DEC 18**  
**User guide DELONGHI DEC 18**  
**Operating instructions DELONGHI DEC 18**  
**Instructions for use DELONGHI DEC 18**  
**Instruction manual DELONGHI DEC 18**

## Important

**A**ir always contains a certain amount of water in the air in the form of water vapour. This amount of moisture is commonly known as the humidity.

The capacity of the air to hold water vapour increases with the temperature. This is why in our homes, as soon as the temperature decreases, the vapour contained in the air condenses, as is evident on the colder surfaces in the room, such as the windows, walls etc.

The purpose of a dehumidifier is to remove the excess moisture from the air, to control condensation within the home. Experts have established that the optimum environmental conditions for our well being and preserve objects are obtained between 40% and 60% relative humidity. Below these levels the air can feel too dry and may cause skin complaints and even static electric shocks.

If temperatures in the home are lower than 10°C for prolonged periods low level heating will be necessary to allow the condensate to evaporate into the air before dehumidification can take place. The air will however be slightly warmed by the dehumidifier as the dry air leaving the dehumidifier is about 1°C higher than normal room temperature.

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**Manual abstract:**

This amount of moisture is commonly known as the humidity. The capacity of the air to hold water vapour increases with the temperature. This is why in our homes, as soon as the temperature decreases, the vapour contained in the air condenses, as is evident on the colder surfaces in the room, such as the windows, walls etc. The purpose of a dehumidifier is to remove the excess moisture from the air, to control condensation within the home. Experts have established that the optimum environmental conditions for our well being and preserve objects are obtained between 40% and 60% relative humidity. Below these levels the air can feel too dry and may cause skin complaints and even static electric shocks. If temperatures in the home are lower than 10°C for prolonged periods low level heating will be necessary to allow the condensate to evaporate into the air before dehumidification can take place. The air will however be slightly warmed by the dehumidifier as the dry air leaving the dehumidifier is about 1°C higher than normal room temperature. 12 De s c r i p t i o n / A c c e s s o r i e s ENGLISH 4 13 1 8 7 model DEC12 model DEC18 5 2 3 6 1. 2.

3. 4. Control panel Control panel cover Air outlet grille Condensate collection tank 5. 6. 7.

8. Lifting handle Air intake grille Electrostatic filter (some models only) Air filter Accessory Accessory condensate drain hose (2 m.) (some models only) rubber bung Important Important · Use this appliance only as described in this instruction manual. As with any electrical appliance, whilst the instructions aim to cover as many eventualities as possible caution and common sense should be applied when operating and installing this air conditioner. @@@@Always insist on original spare parts.

Repairs carried out by unauthorised personnel may be dangerous and invalidate the guarantee. · This appliance must be used exclusively by adults. Do not allow children to play with the appliance. · The appliance must be connected to an efficient earth installation. Have your electrical circuit checked by a qualified electrician. · Do not use extension power cables. · Before cleaning or maintenance operations, always unplug the appliance from the mains. · Do not move the appliance by pulling the power cable. · Do not install the appliance in rooms containing gas, oil or sulphur. Do not install near sources of heat.

· Do not use the appliance on inclined surfaces. · Keep the unit at least 50 cm away from inflammable substances (alcohol etc) or pressurised containers (eg. aerosol cans). · Do not rest heavy or hot objects on top of the appliance. · Clean the air filter regularly. · Always transport the appliance upright or resting on one side. Remember to drain the tank before moving the appliance. Wait at least 1 hour after transporting the appliance before starting it · R134a is a refrigerant that complies with the EEC environmental standards; nonetheless, the refrigerant circuit on the machine should not be perforated. At the end of its working life, consign the appliance to a special collection centre. · The materials used for packaging can be recycled.

You are therefore recommended to dispose of them in special differentiated waste collection containers. · The appliance must be installed in conformity with the relevant national legislation. · Do not use the appliance outdoors. · Do not obstruct the air intake or outlet. Techni El cal assistance Keep the list of Technical Service Centres and identify the Centre nearest you.

Electrical connections After moving the appliance, wait at least an hour before turning it on again. Before plugging the appliance into the power socket, check that: · The mains power supply corresponds to the power supply indicated on the rating plate. · The power socket and electrical circuit are adequate for the appliance. · The power socket matches the plug. If this is not the case, have the plug replaced by a qualified electrician; · The power socket must be adequately earthed; Failure to respect this safety rule absolves the manufacturer from all liability.

@@@1). @@1) Drill the inside of the drain spout using a small drill bit. (Fig. 2). 2) Fasten the rubber hose to the spout. @@3). N.B.: Keep the rubber bung. @@2 fig.

@@@2) ) Check that the "tank full/tank missing" light is off. @@The mode is only used to purify the air, without dehumidifying.

@@@The appliance will operate at low fan speed. @@for drying clothes). In this mode the dehumidifier works independently of the humidistat. 17 How to dehumidify Tank control system This dehumidifier is fitted with a special device to ensure correct operation. A red indicator light on the control panel comes on to warn the user when: 1. the tank is full . . .

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. . . . .  
. . . . .

.empty the tank 2. the tank is missing . . .

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. . . . .  
. . . . .

. . . replace the tank 3. the tank is in the wrong position .

. . . . .  
. . . . .  
. . . . .

. . . position the tank correctly 4. in continuous drain: the hose is obstructed or the difference in level is too great . . . . .

. . . . .  
. . . . .  
. . . . .

. . . remove the obstruction. Once the cause has been eliminated, the light goes out and the appliance resumes operation. Dehumidification light (some models only) This switches on when the machine is dehumidifying.

The light remains on only when the appliance is effectively dehumidifying; if the humidity in the room is already low enough, the light will be off. Dehumidification standby/low temperature operation light The light switches on in the following two cases: 1) To signal a delay of around 3 minutes in the start-up of the appliance. This device protects the compressor against too frequent starts and stops. 2) To signal low temperature operation. When the room temperature is too low, the electronic low temperature operation device is activated.

The device makes the appliance operate by alternating dehumidification cycles and fan only cycles, thus avoiding the formation of frost. For frequent use in cold environments, it is recommended to heat the room at the same time, even slightly. This allows the dehumidifier to operate in conditions that ensure better

performance and faster dehumidification. 18 Cleaning/Warnings ENGLISH Maintenance Always remove the plug from the power socket before performing any cleaning or maintenance operations. For safety reasons, never wash the dehumidifier using a water jet. Cleaning the cabinet · Clean the appliance using a damp cloth then dry with a dry cloth. · Never use petrol, alcohol or solvents to clean the appliance. · Never spray the appliance with insecticides or similar. @@@@The frequency depends on the duration and conditions of operation. @@@@4.

· Use a vacuum cleaner to remove dust accumulations from the filter. If the filter is very dirty, wash in warm water and rinse several times.



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*The temperature of the water should not exceed 40°C. After washing the filter, allow to dry completely. If the appliance is not used for long periods · Unplug from the mains socket and empty the tank. · Clean and reposition the filter. · Cover the appliance so that dust does not build up. fig. 4 Electrostatic purification filters (some models only) The special high-efficiency electrostatic filter can capture very small particles (down to 0.3 µm). The filter is active in all of the functions.*

*Replace the filter at the end of each season, or in any case when depleted. The filters are available at the authorized DL service centres or De'Longhi sales outlets. Do not attempt to clean the electrostatic filter, as this may diminish its filtering capacity. 19.*



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