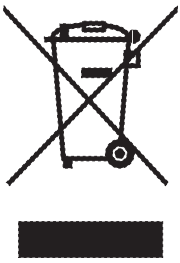
Important

Air 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.

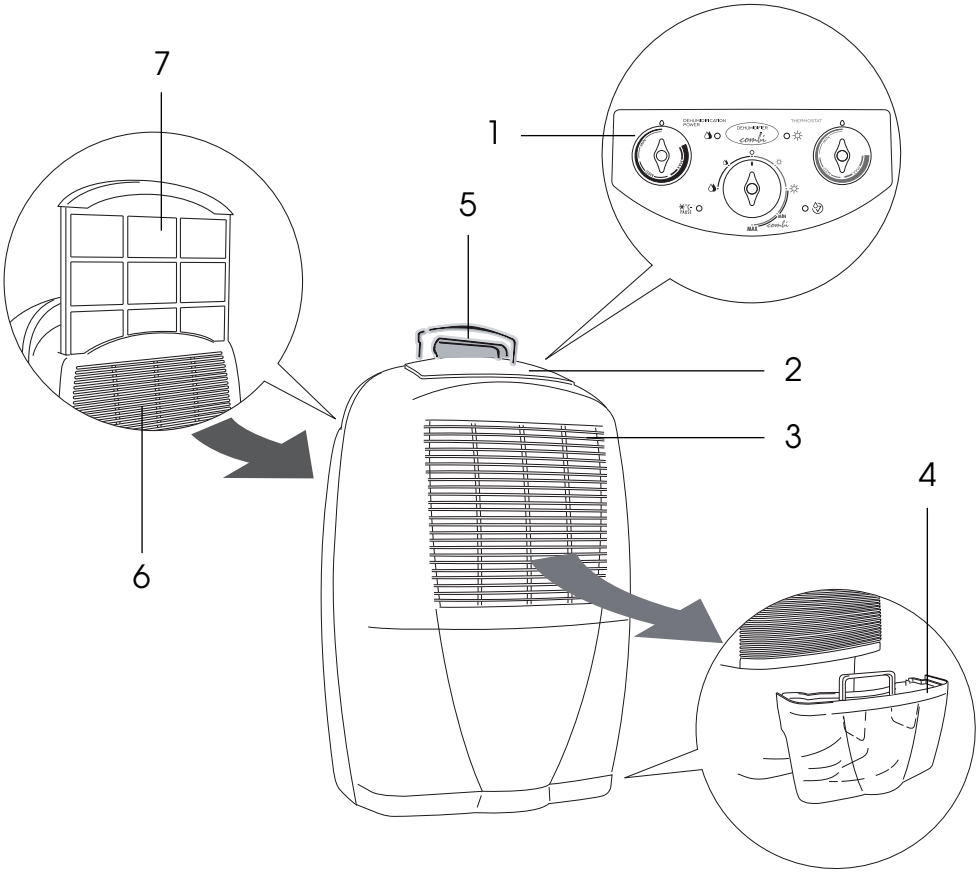
This new dehumidifier is a combined function appliance (dehumidifying and heating) able to quickly and efficiently reduce the relative humidity in a room. Its combined function is particularly suitable for obtaining a rapid effect at low temperatures (below 10°C). In these conditions, the heater evaporates the condensation formed by the water vapour on walls, furniture and objects, allowing the humidity to then be eliminated efficiently by the dehumidifier. The compact unit is fitted with handles making it easy to transport. The combined operation is particularly suitable for drying clothes (COMBI DRYER function).



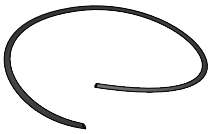
IMPORTANT INFORMATION FOR CORRECT DISPOSAL OF THE PRODUCT IN ACCORDANCE WITH EC DIRECTIVE 2002/96/EC.

At the end of its working life, the product must not be disposed of as urban waste.
It must be taken to a special local authority differentiated waste collection centre or to a dealer providing this service.
Disposing of a household appliance separately avoids possible negative consequences for the environment and health deriving from inappropriate disposal and enables the constituent materials to be recovered to obtain significant savings in energy and resources.As a reminder of the need to dispose of household appliances separately, the product is marked with a crossed-out wheeled dustbin.

Description/Accessories



1. Control panel
2. Control panel cover
3. Air outlet grille
4. Condensate collection tank
5. Lifting handle
6. Air intake grille
7. Air filter

Accessory	**Description**
	condensate drain hose (some models only)
	rubber bung

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.
- This appliance is designed to dehumidify domestic rooms and must not be used for other purposes.
- In the case that the power cable becomes damaged, this must be substituted only by specialised personnel authorised by the manufacturer.
- It is dangerous to modify or alter the characteristics of the appliance in any way.
- If the appliance requires repair, always contact a Technical Service Centre authorised by the manufacturer. Always insist on original spare parts. Repairs carried out by unauthorised personnel may be dangerous and invalidate the guarantee.
- 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.
- This appliance must be used exclusively by adults. Children should not be allowed to play with this appliance.
- Children should not be allowed to play with this appliance.
- Young children should be supervised to ensure that they do not 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.

Technical 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.
  This appliance is manufactured in compliance with EEC standard EN 55014 on the suppression of radio interference.
- The cable must be replaced by approved service personnel only.

Installation

Instructions for fitting the wheels

1) Make sure the appliance is unplugged from the mains and the tank is empty
2) Remove the rubber caps from the base of the appliance by pulling them out, using pliers if necessary (see Figure **1/1**).
3) Fit the wheels by inserting the shafts into the holes (see Figure **1/2**)

Note: When performing these operations, make sure the appliance is not tilted over 45°; in any case, after fitting the wheels, wait at least one hour before using the appliance again.

Installation

Position the appliance in the room to be dehumidified:
A free space of at least 50 cm must be left at the front of the humidifier, so as not to block the air outlet. A space of around 5-10 cm should be left at the rear of the appliance for aeration.
Condensate can be drained in one of two ways:

A) **Draining into the tank**

The condensate can be drained directly into the tank located inside the appliance (fig. 2).
The tank can be easily removed and has a handle making it simple to carry and empty.

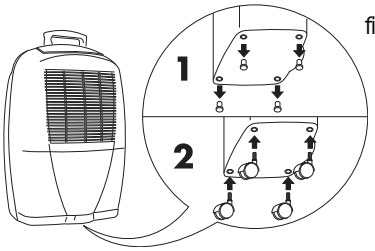


fig. 1

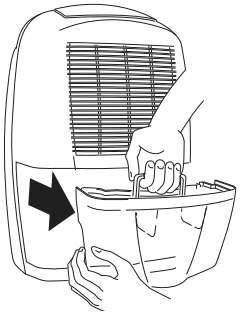


fig. 2

B) **Continuous external draining**

If the appliance is to be operated for long periods of time but you are unable to empty the tank, you are recommended to use the continuous drain facility.

1) Drill the inside of the drain spout using a 7 mm dia. drill bit or removing the precut section by pressing with a screwdriver or similar (Fig. 3).
2) Fasten the rubber hose to the spout. For models without drain hoses supplied, we suggest you purchase a rubber hose around 1 m long, with an internal diameter of 9.5 mm.
3) The condensate drain hose must under no circumstances slope upwards, otherwise the water may remain in the tank. Check there are no kinks in the hose (Fig. 4).

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N.B.: Keep the rubber bung. You will need it to plug the hose or close the spout if you revert to draining into the tank (see point A).

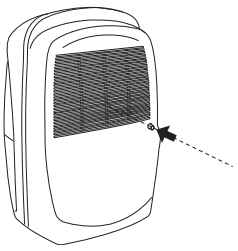


fig. 3

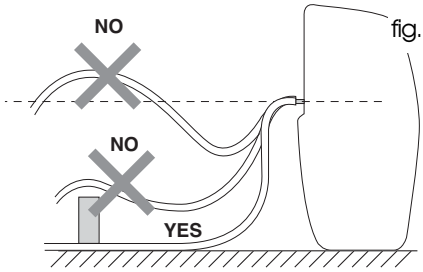
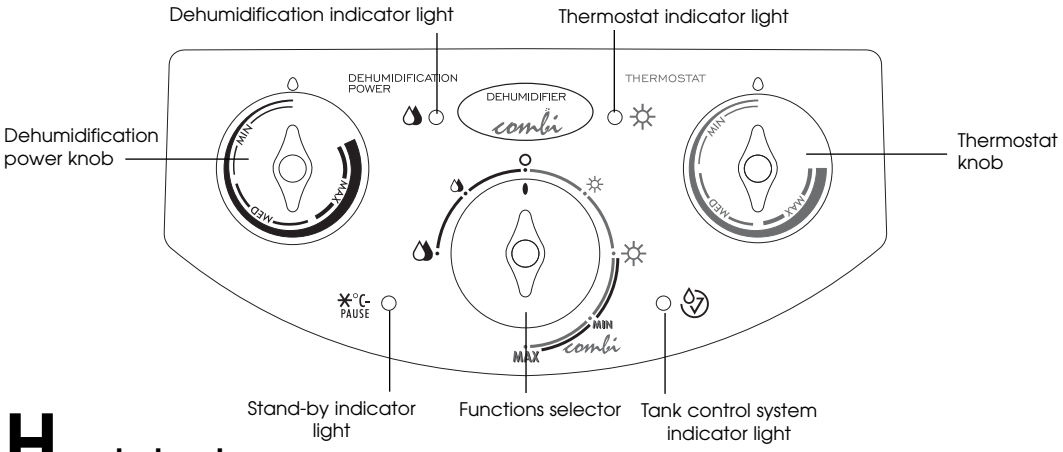


fig. 4

How to dehumidify

1) Plug the appliance into a mains socket.
2) Check that the "tank full/tank missing" light is off.
3) Select the or according to the desired dehumidifying power; the dehumidification standby light remains on during the first 3 minutes (safety device), after which the dehumidification light switches on.
4) The humidistat knob is used to adjust the humidity level as desired (MIN/MED/MAX). When the knob is on MIN, the dehumidifier will slightly reduce the humidity in the room; on MAX, on the other hand, the appliance will considerably reduce the humidity in the room. Then turn the humidistat to one of the positions available.
   Turn the humidistat to the MAX position. When the humidity has reached the required level (this can take several weeks), slowly turn the humidistat knob anticlockwise until the dehumidifying light goes out. The dehumidifier will then keep the humidity in the room at the selected level automatically.



How to heat

1) Plug the appliance into a mains socket.
2) It is possible to adjust the room temperature by turning the thermostat knob on one of the available position (MIN-MED-MAX). If you wish to heat the room, set the thermostat to the temperature level desired.
3) Select the economy (= 1250 W) or maximum (= 2000 W) heating level on the function selector.

To easily select the right temperature level, we suggest you to operate as follows:
Turn the thermostat to position MAX
When the temperature in the room has reached the required level, slowly turn the thermostat knob anticlockwise until the heating light goes out.
The thermostat will then keep the temperature in the room at the selected level automatically.

Combined mode, (dehumidifying + heating)

1) Plug the appliance into a mains socket.
2) Check that the "tank full/no tank" warning light is off.
3) Select maximum (combi MAX) or minimum (combi MIN) power level. Consequently the electrical power will be 1030 W or 1530 W.
4) It is possible to adjust the desired room humidity temperature °C by turning the humidistat and the thermostat, (see chapters "How to dehumidify" and "How to heat")

Note: The appliance only stops completely when the level of humidity set is reached. If the tank is full, the tankfull warning light comes on and the refrigerant circuit stops however the heating function will continue to work.

Pilot light

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

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.

Heating light

This switches on when the machine is heating. The light remains on only when the appliance is effectively heating; if the temperature in the room is already high enough, the light will be off.

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. These could cause the paint to flake or plastic parts to warp.

Cleaning the air filter

If the filter is dirty, air circulation is compromised and the efficiency of the dehumidifying and air purifying functions decreases.
It is therefore good practice to clean the filter at regular intervals.
The frequency depends on the duration and conditions of operation.
If the unit is used constantly or systematically, you are recommended to clean the filter once a week.

- To remove the air filter, extract by pulling it as shown in fig. 5.
- 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. The temperature of the water should not exceed 40˚C. After washing the filter, allow it to dry up completely.

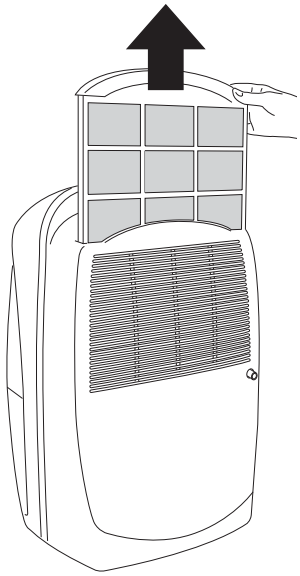


fig. 5

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.

Troubleshooting

Check the following points before calling your local Technical Service Centre.

Problem	Cause	Remedy
The appliance does not work in dehumidifying mode (indicator light off)	•the appliance is not plugged in •there is no current •the humidistat is on minimum •the tank is full of water •the tank is incorrectly positioned	•plug into the mains •check the power supply •turn the humidistat to the max position. •empty the tank •gently place the tank in the correct position
The appliance operates in dehumidifying mode (light on) but the humidity is not reduced	•filter clogged •the temperature or humidity of the home is too low •room too large •too many sources of humidity in room (boiling pots etc.)	•clean the filter •in certain conditions, it is normal for the appliance not to dehumidify (in these cases the room being dehumidified should also be heated)
The dehumidification doesn't work for about 3 minutes from turning on the appliance	•the appliance's security system has intervened	•wait for 3 minutes
The appliance does not operate in heating mode (light off)	•the appliance is not plugged in •there is no current •the thermostat is set to minimum	•plug into the mains •check the power supply •set the thermostat to the required position
The appliance operates in heating mode (light on), but does not heat	•the area is too big •there are open windows •the electrical resistor protective device has cut in	•close the windows •to reset, turn the appliance off for several minutes, eliminate the cause of the overheating then turn on again

Technical Characteristics

Power supply voltage	See rating label
Maximum absorbed power	"
Absorbed power dehumidifying only	280W
Absorbed power heating ☼ :	1250W
Absorbed power heating ☼ :	2000W
Absorbed power combi function MIN	1030W
Absorbed power combi function MAX	1530W
Refrigerant	R134a
Air treated (min/max)	160/240 m^3/h
Defrosting device	yes
Thermostat	yes
Humidistat	yes
Fan speeds	2
Electric resistor overheat protection device	yes
Compressor protection device	yes
Canister control	yes
Dust filter	yes
Dimensions LxHxD	570x360x300 mm
Weight (net)	16 kg.
Canister capacity	4 litres

Operating limits:	**Heating**	**Dehumidifying**
• temperature	Max. 27°C	2° - 32°
• relative humidity	Max. 90%	30 - 90%