beurer

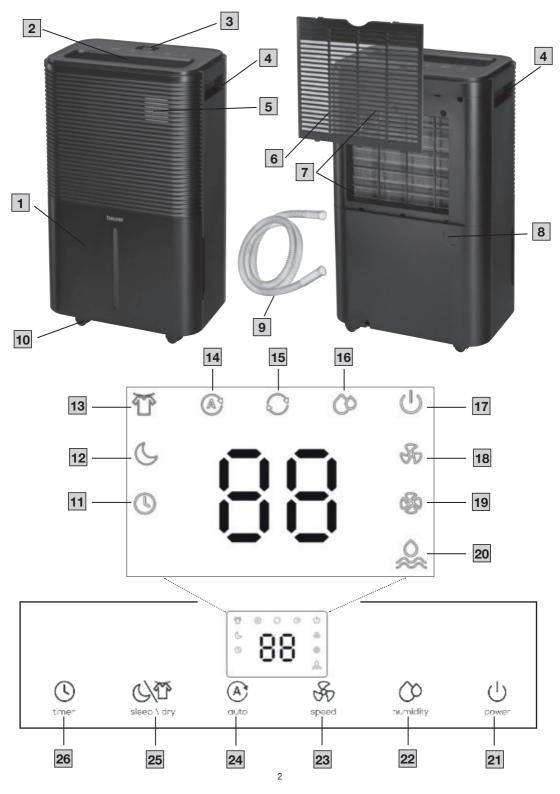
LE 250



EN Air dehumidifier Instructions for use







ENGLISH



Read these instructions for use carefully before initial use. Follow the warnings and safety notes. Keep these instructions for use for future reference. Make the instructions for use accessible to other users. If the device is passed on, provide the instructions for use to the next user as well.

A WARNING

- This device is only intended for domestic/private use, not for commercial use.
- This device may be used by children over the age of 8 and by people with reduced physical, sensory or mental skills or a lack of experience or knowledge, provided that they are supervised or have been instructed on how to use the device safely, and are fully aware of the consequent risks of use.
- Children must not play with the device.
- Cleaning and user maintenance must not be performed by children unless supervised.
- If you are not using the device, unplug the mains plug before transporting and/or cleaning it.
- Set up the device on a sturdy, level surface in such a way that provides 50 cm clearance on all sides.
- Clean the device using only the methods specified. Under no circumstances must liquid enter the fan unit.
- Do not use any solvent-based cleaning products.
- If the mains cable is damaged, it must be replaced by the manufacturer, its Customer Service team or similarly qualified individuals to avoid danger.

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1. INCLUDED IN DELIVERY

Check that the exterior of the cardboard delivery packaging is intact and make sure that all contents are included in the delivery. Before use, ensure that there is no visible damage to the device or accessories and that all packaging material has been removed. If you have any doubts, do not use the device and contact your retailer or the specified Customer Services address.

- 1 air dehumidifier
- 1 condensate hose

2. SIGNS AND SYMBOLS

The following symbols are used on the device, in these instructions for use, on the packaging and on the type plate for the device:



DANGER

This symbol indicates that this device uses flammable coolant. There is a risk of fire if the coolant leaks and is exposed to an external ignition source.

▲ DANGER

Indicates an imminent danger. If it is not avoided, death or serious injury will occur.

AWARNING

Indicates a potentially impending danger. If it is not avoided, there is a risk of death or serious injury.

A CAUTION

Indicates a potentially imminent hazard. If it is not avoided, slight or minor injuries may result.

NOTICE

Indicates a potentially harmful situation. If it is not avoided, the device or something in its vicinity may be damaged.



Product information

Note on important information



Read the instructions



Consult instructions for use



CE labelling

This product satisfies the requirements of the applicable European and national directives.



Separate the product and packaging elements and dispose of them in accordance with local regulations.



The electronic device must not be disposed of with household waste



Manufacturer



Marking to identify the packaging material.

A = material code,

B = material number:

1–7 = plastics.

20-22 = paper and cardboard



The products demonstrably meet the requirements of the Technical Regulations of the EAEU



United Kingdom Conformity Assessed Mark



Importer



Maintenance indicator: read the technical manual



Store in an upright position



Minimum room floor area



Tested for safety in accordance with the requirements of the "Produktsicherheitsgesetz" (German Product Safety Act)

3. INTENDED USE

The air dehumidifier is intended only for dehumidifying the air indoors in closed rooms, excluding laundry rooms and unventilated cellars. The air dehumidifier is intended for private use only. Do not use the device in the immediate vicinity of bathtubs and showers.

A WARNING

If you suffer from a severe respiratory or lung disease, consult your doctor before using the air dehumidifier. The device is only intended for the purpose described in these instructions for use. The manufacturer is not liable for damage resulting from improper or careless use.

4. WARNINGS AND SAFETY NOTES

A WARNING

Danger of suffocation! Keep packaging material away from children.

Electric shock

A WARNING

As with every electrical device, use this air dehumidifier carefully and cautiously in order to avoid danger due to electric shock.

- Therefore, only operate the device at the mains voltage and frequency indicated on the device (the type plate can be found next to the mains connection cable of the device unit).
- Never operate the device if it or any of its accessories are visibly damaged or have been dropped. If the device is defective, do not operate it again; contact Beurer Customer Services instead
- The device must only be used on a mains socket with a residual-current protective device (risk of electric shock).
- Pull the mains adapter plug out of the socket in the case of operational faults, before cleaning and when the device is not in use.
- In the event of defects or operational faults, switch the device off immediately and disconnect it from the mains socket. Do

- not pull on the mains cable or on the device to disconnect the plug from the socket. Never hold or carry the device by the mains cable. Keep the cables away from hot surfaces.
- Always switch off the device before disconnecting the mains plug.
- · Never disconnect the mains plug with wet or damp hands.
- Keep the device away from fire and flammable or explosive objects.
- Ensure that the openings of the air dehumidifier and the mains cable do not come into contact with water, steam or other liquids.
- Do not use the device in close proximity to flammable or explosive gas mixtures.
- Never pick up a device that has fallen into water. Disconnect the mains plug immediately.
- Do not drop the device or subject it to any impacts.
- This device must be installed in accordance with the local installation regulations.
- . Do not tilt or turn over the device.
- Do not use an extension cable or adapter plug.
- Do not climb or sit on the device.
- Do not insert fingers or other objects into the air outlet 2.
- Do not touch the air inlet 7 or the aluminium fins of the device
- Do not operate the device if it has been dropped or damaged, or if it shows signs of malfunction.
- · Do not clean the device with chemicals.
- Make sure that the device is far away from fire and flammable or explosive objects.
- The device must be stored in a way that prevents mechanical damage.
- The device must not be broken up or incinerated, even after use
- Please note that refrigerants are odourless.
- The pipes must be protected against physical damage and must not be installed in an unventilated room if it is smaller than 4 m².
- The device must be stored in a well-ventilated room of the same size as that specified for operation.
- Never immerse the device in water or any other liquid. Water must not get onto or inside the device.
- The device must not be connected to the power supply with other household appliances using a multi-outlet power strip.
- Do not use cable extensions.
- The device must not be set up on a wet or flooded surface.
- Do not hang curtains or wet clothing in front of the air outlet
 as this will overload the device.
- Do not hang wet clothing over the device as water may drip into the device.

Repairs

A WARNING

- Only specialist personnel may perform repairs on electrical devices. Improper repairs may put users in significant danger. For repairs, please contact Customer Services or an authorised retailer.
- The device must not be dismantled or opened using tools.

Risk of fire

AWARNING

There may be a risk of fire if the device is used improperly or these instructions for use are ignored!

 Therefore, never operate the device underneath a cover, such as a blanket, pillow, etc.

- Never use the device near petrol or other highly flammable substances.
- Never set up the device in a place where it could be exposed to sources of heat.
- Never set up the device near sources of heat such as radiators, heating coils, ovens or other products that generate heat.
- Never set up the device in an area where oil or water could splash on it.
- Never set up the device in a place where it is exposed to direct sunlight.
- Never set up the device in a place where it is exposed to mechanical vibrations, shocks or excessive dust.
- Never set up the device in a place with insufficient ventilation (e.g. in a cupboard or bookcase).
- Never place the device on an uneven surface.
- Avoid direct sunlight when operating and storing the device.



DANGER

Warnings on handling R-290 refrigerant (propane gas)

The device uses R-290 (propane gas) as the refrigerant. R-290 has no harmful effect on the ozone layer (ODP), has a low greenhouse effect (GWP) and is available worldwide. R-290 is an ideal refrigerant for this type of application due to its efficient and energetic properties. Given the high flammability of the refrigerant, the following special precautions must be taken.

WARNING

The device must be set up, operated and stored in a room with a floor area greater than 4 m².



A WARNING

A failure to observe the following refrigerant warnings may result in explosions, death, injury or material damage.

- The device is only intended for use with R-290 (propane gas) as the refrigerant. Do not use any other refrigerant.
- The refrigerant circuit is sealed. Maintenance work relating to the refrigerant must only be carried out by a qualified technician.
- Do not release the R-290 (propane gas) refrigerant into the atmosphere.
- The R-290 (propane gas) refrigerant is flammable and heavier than air. It first accumulates in low areas, but can be recirculated by the fans.
- If propane gas is present in the room or even just suspected, do not allow untrained personnel to attempt to identify the cause.
- The R-290 (propane gas) refrigerant used in the device is odourless. The absence of an odour does not mean that no gas has escaped.

- If you discover a gas leak on the device, immediately evacuate all persons from the room. Ventilate the room. Do not restart the device; contact Beurer Customer Services instead.
- Do not use naked flames, cigarettes or other possible sources of ignition near the device.

Handling

AIMPORTANT

- Always switch off and unplug the device each time after using it and before cleaning it.
- Do not place any objects in device openings or in rotating parts.
- If the temperature is low, the condensate hose 9 must not be routed outside.
- Before transporting the device, empty the water tank 1 to avoid spilling the water.
- Do not tilt the device as escaping water could damage the device
- · Check the device from time to time when it is in operation.
- · Unplug the device when it is not in use.

NOTICE

- Do not place any objects on the device.
- · Do not expose the device to high temperatures.
- Avoid water damage by handling the device carefully (e.g. water damage from splashing in the vicinity of wooden floors).
- This device is designed to provide optimum performance between 5°C and 30°C.
- Always transport the device in an upright position and not on its side/horizontally.

5. DEVICE DESCRIPTION

The related illustrations are on page 3.

Device

- 1 Water tank
- 2 Air outlet
- 3 Control unit with LED displays
- 4 Carrying handle
- 5 Humidity indicator
- 6 Air filter
- 7 Air inlet
- 8 Opening for condensate hose
- 9 Condensate hose
- 10 Castors

Display

- 11 Timer symbol (lights up when the timer is on)
- Sleep symbol (lights up when sleep mode is on)
- Laundry drying symbol (lights up when laundry drying mode is on)
- Automatic symbol
 (lights up when automatic mode is on)

- (lights up when continuous dehumidification is on)
- Target humidity symbol (lights up when a target humidity can be set)
- 17 ON/OFF symbol (lights up as soon as the device is in standby mode)
- 18 Low fan speed (lights up when the low fan speed has been set)
- High fan speed (lights up when the high fan speed has been set)
- 20 Water level symbol (lights up when the water tank is full and needs to be emptied or has not been inserted)

Buttons

- ON/OFF button (switches the device on /off)
- Humidity button (set a target humidity)
- Fan speed button (set the low and high fan speed)
- Automatic button (set automatic mode)
- Sleep/laundry drying button (set sleep mode/laundry drying mode)
- 26 Timer button (set the timer duration)

6. USAGE

Overview of usage

STEP 1

Set up the air dehumidifier → (Section 6.1)



STEP 2

Switch on the air dehumidifier → (Section 6.2)



STEP 3

Select the fan speed

→ (Section 6.3)



LOW



High

STEP 4

Select the dehumidification

→ (Section 6.4)



Continuous dehumidification



Dehumidification with target humidity

STEP 5 (optional)

Set a special mode → (Section 6.5)



Laundry drying mode



Sleep mode



Automatic mode

STEP 6 (optional)

Set the timer

→ (Section 6.6)



1 - 24 hours

6.1 Setting up the air dehumidifier

- Remove the device from the top of the box without opening the film bag.
- Now remove all plastic films. Unwind the mains cable fully in order to avoid overheating.
- Check the device, mains plug and cable for damage each time before using them.
- Place the device on a firm, level and water-resistant surface to prevent vibrations and noise.
- Set up the air dehumidifier in such a way that provides 50 cm clearance on all sides. Do not use naked flames, cigarettes or other possible sources of ignition near the device.
- Make sure that the air outlet 2 and air inlet 7 of the device are never blocked.
- Insert the mains plug into a suitable socket. Ensure that the cable does not pose a trip hazard.
- Before initial use, leave the device to rest in an upright position for at least 24 hours. If the device has been tilted more than 45°, leave it in an upright position for at least 24 hours before initial use.



If the device has fallen over or if you have relocated the device, leave it to rest in an upright position for at least 24 hours. Do not set up the device in a place where flammable gases can escape. The device must be operated in a room with a floor area greater than 4 m².

6.2 Switching the air dehumidifier on/off

- Press the ON/OFF button 21 to switch on the air dehumidifier.

 The low fan speed 18 and target humidity symbol 16 light up.
- Press the ON/OFF button 21 again to switch off the air dehumidifier.
 - → All LEDs except the ON/OFF symbol 17 go out.

6.3 Setting the fan speed

The air dehumidifier has two fan speeds: One low 18 and one high 19 fan speed.



Cannot be selected when the air dehumidifier is in sleep mode or laundry drying mode.

6.4 Setting the dehumidification mode

The device has two different dehumidification modes.

- . Continuous dehumidification
- Dehumidification with target humidity

Continuous dehumidification

In continuous dehumidification mode, the room is dehumidified without interruption.

 To switch on continuous dehumidification mode, press the humidity button 22 repeatedly until "--" appears on the display. The continuous operation symbol 15 lights up.

Dehumidification with target humidity

In dehumidification with target humidity mode, the room is dehumidified only up to a preset target value (e.g. 50% humidity). The device stops dehumidifying the air once the preset target value has been reached.



It is only possible to dehumidify the air with a target humidity in this mode or in sleep mode.

- 1. If no modes have been selected, you can freely choose the target humidity and fan speed.
- 2. Select a target humidity using the humidity button 22 (you can select a level of between 30-80% in increments of 5%). The target humidity symbol 16 lights up. If "--" appears on the display after passing 80% when making your selection, the device will run in continuous dehumidification mode again.
- In addition, you can use the fan speed button 23 to choose between the low and high fan speed. The fan speed symbol 18 or 19 lights up.

6.5 Setting a special mode

The device has three optional special modes that you can select if desired.

- Sleep mode
- · Laundry drying mode for clothes
- Automatic mode

Sleep mode

Sleep mode automatically sets the low fan speed 18 and switches off all LEDs and button tones to ensure a restful night's sleep with no disturbances. The target humidity can always be set in sleep mode.

- To switch on sleep mode, press the sleep/laundry drying button
 - The sleep symbol 12 lights up for 3 seconds and then dims. All other LEDs and button tones are off.

Laundry drying mode for clothes

The device has a special laundry drying mode for when you want to dry clothes indoors and counteract the resulting humidity. It also enables the clothes to dry faster.

This laundry drying mode automatically sets the high fan speed 19 and continuous dehumidification. You cannot set a target humidity here.

AWARNING

Risk of electric shock! Do not place any laundry directly on the device. Do not hang laundry over the device as water may flow into the device and cause a short circuit.

Position the device so that there is a clearance of at least 50 cm on all sides. Keep the room closed (incl. doors and windows).

- To switch on laundry drying mode, press the sleep/laundry drying button 25 twice.
 - → The laundry drying symbol 13 lights up on the display.
- 2. To switch off laundry drying mode again, press the sleep/laundry drying button 25 once.

→ The laundry drying symbol 13 goes out on the display. The device switches to the "Dehumidification with target humidity" setting.

Automatic mode

In automatic mode, the air in the room is automatically dehumidified so that the humidity is always between 45-55%.

- To switch on automatic mode, press the automatic button 24.
 The automatic symbol 14 lights up.
- 2. To switch between the low 18 and high 19 fan speed, press the fan speed button 23 when the air dehumidifier is on.
- 3. To switch off automatic mode, press the automatic button 24 again. The automatic symbol 14 goes out.

6.6 Setting the timer

The air dehumidifier features a timer function that you can use to determine after how many hours the device should switch itself off (when in operation) or on.

- 1. Use the timer button 26 to select your desired timer duration (you can select a duration between 1-24 hours in increments of 1 hour). The timer duration that is currently set is shown on the display. Once the set timer duration has flashed five times on the display, this means the timer duration is confirmed and the timer symbol 11 lights up. After confirming the timer duration, the display shows the current humidity level again.
- 2. To view the remaining timer duration whilst the device is running, press the timer button [26]. The display briefly shows the remaining timer duration (in hours) after which the air dehumidifier will switch itself off.
- 3. To switch off the timer, press the timer button **26** repeatedly until the display shows "00".

Switch-off time:

Press the timer button 26 while the device is running to set the switch-off time. The device will switch off after the selected time period.

Switch-on time:

Press the timer button 26 while the device is switched off to set the switch-on time. The device will switch on after the selected time period.

6.7 Humidity indicator

The humidity indicator 5 shows the current ambient humidity level on the device.

Low humidity of <45% = humidity indicator is blue Optimum humidity of 45-65% = humidity indicator is green High humidity of >65% = humidity indicator is red

6.8 Defrost function

If the device is operated in an environment with low temperatures, frost may form inside the device. To ensure perfect operation, the air dehumidifier features a defrost function.

If the temperature is between 5°C and 16°C, the device automatically starts with the defrost function for 10 minutes.

→ The ON/OFF symbol 17 flashes on the display whilst the defrost function is running.

Once the 10 minutes have elapsed, the device continues running normally for 60 minutes.



Do not switch off the device whilst the defrost function is running or attempt to accelerate the defrost process.

6.9 Emptying the water tank

If the water tank 1 is full, the water level symbol 20 will light up red and the device will automatically stop running. An acoustic signal will sound (except in sleep mode) and the message "FL" will appear on the display.

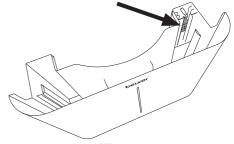
To empty the water tank 1, proceed as follows:

- Press the ON/OFF button 21 to switch off the air dehumidifier.

 → All LEDs except the ON/OFF symbol 17 go out.
- Carefully pull the water tank 1 backwards using the recessed handles at the sides.
- 3. Empty the water tank 1 via the tank outlet.



4. Check that the float can move freely before reinserting the tank. The float must not be blocked. If the float is blocked, this can cause an incorrect water level to be shown on the display ("FL" for a full water tank).



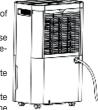
5. Reinsert the water tank 1 into the device.

6.10 Condensate hose

If you want the device to run continuously, connect the supplied condensate hose 9 to the device. The condensate can automatically drain into a sufficiently sized collection container or a suitable drain.

A CAUTION

- Never block the outlet of the condensate hose, otherwise condensate will flow back into the water tank 1.
- Do not bend the condensate hose 9.
- Ensure that there is a sufficient gradient between the opening for the condensate hose
 and the drain to allow the accumulating condensate to flow away. Ensure that the end of the condensate hose is positioned flat against the ground.
- The condensate hose must be correctly connected to the opening on the device.
- Do not kink the condensate hose 9.
- 1. Pull the condensate hose 9 straight.
- 2. Pull out the silicone plug on the rear of the device.
- Insert one end of the condensate hose into the round opening
 on the device.
- 4. Direct the other end of the condensate hose into a drain.
- 5. If you want to collect the condensate in the water tank 1 again, pull out the condensate hose and reinsert the silicone plug into the device.



7. CLEANING, CARE AND MAINTENANCE

AWARNING

- Before performing any cleaning or maintenance work, always ensure that the mains plug of the device has been properly disconnected!
- Always store the device in its original packaging. Only store the device in an upright position. Do not place any objects on the device.
- Store the device in a well-ventilated room that measures at least 4 m².
- Store the device in dry conditions and protected from frost and heat.
- Clean the device and allow it to dry fully before putting it into storage.
- The device must be stored in a room where there are no permanent sources of heat (e.g. naked flames, a running gas device or a running electric heater).

This device contains \bar{R} -290 refrigerant. However, the quantity of refrigerant is less than 1 kg and it is kept in a sealed cooling circuit. Maintenance may only be carried out by trained technicians or Beurer service personnel. The device does not need to be refilled with refrigerant provided that it is used correctly and the coolant circuit is undamaged.

Regular cleaning is a prerequisite for hygienic and fault-free operation. Always fully empty and thoroughly clean the water tank of the air dehumidifier if the device has not been used for more than 3 days. A lack of cleaning and hygiene can cause bacteria, algae and fungi to form in the water.

7.1 Cleaning the housing

Clean the air dehumidifier with a slightly damp cloth. Do not use any solvents or other aggressive or abrasive cleaning products, as the surface may become damaged. Make sure that no moisture gets inside the device.

7.2 Cleaning the water tank

- Carefully pull the water tank out backwards as shown.
- Rinse out the water tank with clean water every 2 weeks. If the device is used very intensively, clean the water tank more frequently. If necessary, remove any deposits in the water tank using a plastic brush.

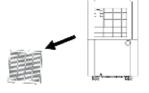


7.3 Cleaning the air filter

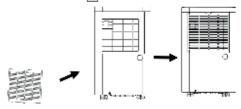
NOTICE

We recommend cleaning the air filter 6 every 14 days as dust can collect there and restrict the air flow. Do not operate the device without the air filter 6 installed.

- 1. Remove the air filter 6
- If it is slightly dirty, use the brush of a vacuum cleaner to carefully remove the dust residue from the screen.
- 3. If it is very dirty, soak the air filter 6 in warm water at a temperature of approx. 40°C. Then rinse it carefully with a neutral cleaning product.



- Leave the air filter 6 to dry completely before reinserting it into the device. Never insert the air filter 6 if it is damp or wet.
- 5. Reinsert the air filter 6 with the filter cover into the device.



8. ACCESSORIES AND REPLACEMENT PARTS

To purchase accessories and replacement parts, please visit www.beurer.com or contact the corresponding service address (according to the service address list) in your country. Accessories and replacement parts are also available from retailers.

Designation	Item number and/or order number	
Plastic cover with filter	110.104	
Water tank	110.099	
Condensate hose	110.106	
Water tank lid	110.100	

9. WHAT IF THERE ARE PROBLEMS?

The device is not working:

- The device is not connected to the mains power supply. Connect the mains plug and switch on the device.
- The device has switched itself off for safety reasons. Clean and refill the device before next use. Then switch it on again.

The device automatically stops dehumidifying the air:

- The water tank is full. Empty the water tank, then start up the device again.
- The water tank was not reinserted correctly. Put the water tank in the correct position.
- The air filter is clogged. Clean the air filter 6.
- The device may perform an automatic defrost. It will not dehumidify the air whilst the defrost function is running.

The device is not performing as well as it should:

- The room is too big. The device is recommended for use in rooms measuring up to 60 m².
- The air filter is clogged. Clean the air filter 6.
- The air inlet 7 or air outlet 2 is blocked. Make sure that the air inlet 7 and air outlet 2 are not blocked.
- Too much air is being exchanged in the room. Close the windows and doors.
- The device continues to run even though the target humidity has been reached. To protect the device components, the device continues to dehumidify the air for approx. 3 minutes even after the target humidity has been reached.

An error message appears on the display:

Display	Problem	Solution	
E2	Humidity sensor is faulty	Contact Custom- er Services	
LO	Ambient humidity is < 20%	The air dehumidi- fier switches itself	
н	Ambient humidity is > 90%	off as a safety measure	
CL	Protection against low temper- atures: Ambient temperature is < 5°C	Do not operate the device in rooms with a temperature below 5°C.	
СН	Protection against high temperatures: Ambient temperature is > 38°C	Do not operate the device in rooms with a temperature above 38°C.	
FL	Water tank is full, not inserted or not inserted correctly	Empty the water tank or insert it correctly	

10. DISPOSAL

For environmental reasons, do not dispose of the device in household waste at the end of its service life. Dispose of the device at a suitable local collection or recycling point in your coun-

try. Observe the local regulations for material disposal. Dispose of the device in accordance with EC Directive Waste Electrical and Electronic Equipment (WEEE). If you have any questions, please contact the local authorities responsible for waste disposal. You can obtain



the location of collection points for old devices from the local or municipal authorities, local waste disposal companies or your retailer, for example.

11. TECHNICAL SPECIFICATIONS

Model	LE 250	
Mains voltage/power	AC 220-240 V, 50 Hz / 330 W (30°C, 80% rH)	
Dimensions (L x W x H)	23.5 x 35.0 x 58.0 cm	
Deadweight	14.5 kg	
Recommended room size	up to 60 m ²	
Tank capacity	4.0	
Dehumidifying capacity	20 I / 24 h (30°C, 80% rH)	
Refrigerant	R-290 (propane gas), 55 g	
Wiring diagram	See last page of these instructions for use	

12. GUARANTEE

More information on the guarantee and guarantee conditions can be found in the guarantee leaflet supplied.



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