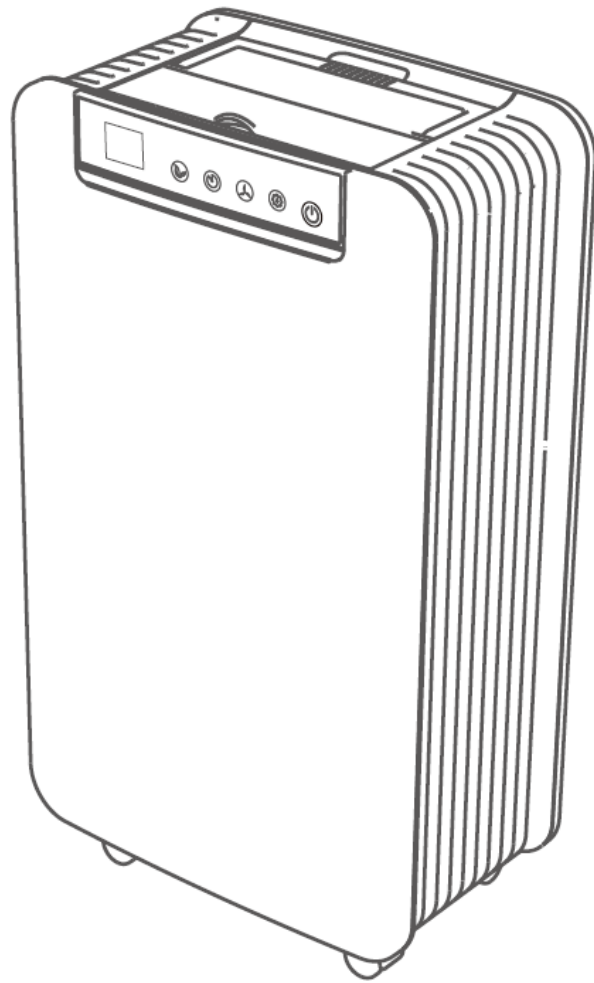


dehumidifiers  
**LTR 100 NEO**



## table of contents

foreword.....	
safety instructions .....	
Intended Use.....	
operating instructions .....	
Technical data .....	
device description .....	
installation instructions .....	
Before commissioning.....	
commissioning .....	
hose drainage .....	
Recommendations for drying with the Comedes LTR 100 NEO.....	
maintenance .....	
Frequently Asked Questions.....	

### Dear customer,

Thank you for choosing the LTR 100 NEO from Comedes GmbH.

You have purchased a powerful dehumidifier developed to the latest technical standards. To ensure that the device will remain your faithful servant over a long period of time, we ask you to study the operating instructions, in particular the safety instructions, in detail.

If you still have questions about the device after you have read the operating instructions, please do not hesitate to contact us:

E-mail address: [service@comedes.com](mailto:service@comedes.com)

If you enter your telephone number, we will call you back free of charge.

We welcome any feedback from our customers and would appreciate it if you contact us.

Yours sincerely



Philipp Thannhuber  
Managing Director

Comedes GmbH

## WARNING:

Read the instructions carefully before commissioning. Failure to follow the safety instructions and instructions may result in electric shock, fire and/or serious injury. Keep all safety instructions and instructions for the future.

**Watch your step!** Do not open the device until the mains plug has been disconnected from the mains socket. Risk of death due to electric shock! Have repairs carried out only by an authorised specialist workshop.



Only install the device in rooms with an area of more than 4m<sup>2</sup>.  
Do not install the appliance in a place where flammable gas may escape.

The environmentally friendly R290 is used as refrigerant. R290 has no harmful effect on the ozone layer (ODP), a negligible greenhouse effect (GWP) and is available worldwide. Due to its efficient energy properties, R290 is an excellent coolant for this application. Due to the high flammability of the coolant, special precautions must be observed.

## symbols



caution, risk of fire

### Danger from flammable gas

This symbol indicates dangers to health and life caused by extremely flammable gas.



### Observe operating instructions

This symbol indicates that the operating instructions must be observed before installing and operating the device.



### Observe operating instructions and operating instructions

This symbol indicates that the operating instructions and the operating instructions contained therein have been observed and adhered to.



### Repair instructions, observe technical manual

Activities on the refrigeration circuit, such as disposal, repairs and maintenance work, may only be carried out by persons with the relevant certificate of competence and only in accordance with the manufacturer's instructions. Repair instructions as well as maintenance and disposal information are available on request from the manufacturer.



### peril

There is danger to the device or objects in the vicinity of the device.



### Electrical hazard

Risk of electric shock

## safety instructions

Do not use any means other than those recommended by the manufacturer to speed up the defrosting process or to clean the dehumidifier.



caution, risk of fire

The appliance must be stored in a room without permanently operated ignition sources (e.g. open flames, a switched-on gas appliance or a switched-on electric heater).



caution, risk of fire

Do not puncture or burn the device, even after use.



Use the On/Off switch to turn the unit on and off. Never use the plug to switch the appliance on or off.

**The device may only be installed, operated and stored in a room with a floor area of more than 6m<sup>2</sup>.**



Maintenance may only be carried out in accordance with the manufacturer's instructions.

The device must be stored in a well-ventilated area in which the room size corresponds to the room size specified for operation.



caution, risk of fire

All work processes that affect safety-relevant aspects (e.g. repairs) may only be carried out by qualified personnel.



Do not immerse the appliance in water or other liquids.

If the power cord is damaged, it must be replaced by the



manufacturer, its service representative, or similar qualified personnel to avoid hazards.

Please contact a specialist to have the product repaired.

Improper repairs may result in injury to the user.

Disconnect the equipment from power before moving, cleaning or servicing it, even when not in use or in the event of malfunction. Never pull the power cord.

Observe the national installation regulations and connect the device only to a properly installed **earthing contact socket** with a mains voltage/frequency according to the nameplate.

Do not place or place any objects on the dehumidifier. Do not climb or sit on the appliance.

Do not unplug the unit by pulling the power cord.

Always reach for the mains plug.

Do not tilt or overturn the unit. Since the water escaping through this can damage the device.

This device may be used by children 8 years of age and older and by persons with reduced physical, sensory or mental abilities or lack of experience and knowledge if they have been supervised and/or instructed in the safe use of the device and

understand the resulting hazards. Children are not allowed to play with the device. Cleaning and maintenance must not be carried out by children without supervision. Do not place the unit directly on a wall or under a wall cabinet or similar. The device requires a clearance of at least 50 cm at the top and on all sides.



The device may only be used in the temperature range between 5°C and 35°C. Do not use the device in a wet area. The unit is not splash-proof.

Position the device on a level, stable, non-slip, hard and dry surface. This serves to avoid increased noise winding, vibrations, leakage of water or electric shock.



Never insert your fingers or other objects into the device. This can lead to damage to the device.

Do not touch the air inlet or the aluminium blades of the unit.

Unplug the unit after turning it off or do not intend to use it for an extended period of time.

The working area of the device must be at least 6m<sup>2</sup>.



It must be ensured that there are no flammable materials in the working area of the device.



Do not clean the dehumidifier with water or chemicals. Prevent water from getting on/to the unit.

Do not spray the unit with flammable liquids or cleaning agents.

Do not touch the ventilation slots.

Keep the air inlet and outlet free of obstacles.

Keep all necessary ventilation openings free of obstacles.

Do not use the unit if the power cord is damaged.

Do not use the device in hermetically sealed rooms.



Keep the water tank free of foreign objects.

Place the unit away from heaters or heat-generating equipment.

The device must not be used in dusty or chlorinated environments.

Only use the device if your socket outlet is equipped with an RCD (FI) circuit breaker.



Do not operate or touch the device with wet hands.

Do not attempt to carry out repairs or other adjustments on the device yourself.

Do not let children play with the packaging, such as plastic film.

Ensure that the dehumidifier is positioned away from fire, flammable, corrosive and explosive materials.

Insert the mains plug firmly and securely into the socket.

Do not operate the dehumidifier via a multiple socket, a plug adapter or an extension cable.

Do not operate the equipment if it has been dropped, damaged, or shows any signs of malfunction.

Do not operate the unit in the immediate vicinity of walls, curtains or other objects that may block the air inlet and outlet.

If the unit has been tilted more than 45°, leave it upright for at least 24 hours before use.

Do not operate or store the unit in direct sunlight or rain. Never place the power cord or appliance on hot surfaces or near heat sources. Lay the power cord so that it does not come into contact with hot or sharp-edged objects.



Do not bend the power cord or wrap it around the product as this may cause a cable break.



Please note that, in addition to switching off the device, you must disconnect the mains plug from the earth contact socket in order to completely disconnect the device from the mains.

Do not use naked flames, cigarettes or other possible sources of ignition within or near the equipment.



## Transport, storage and

## disposal

When transporting equipment and parts containing flammable refrigerants, the transport regulations must be observed.

Disposal of appliances containing flammable refrigerants must be carried out in accordance with national regulations.

The maximum number of devices that can be stored together depends on local regulations.

The device must be stored in such a way that no mechanical damage can occur.

Empty the water tank before moving the unit to prevent water leakage.

## Refrigerant information R290

The unit is only designed for use with R-290 (propane) gas as refrigerant.

**The refrigerant circuit is sealed. Maintenance work may only be carried out by a qualified technician. The maintenance manual must be requested from the manufacturer by the technician.**



Do not release the refrigerant into the atmosphere.

R290 (propane) is extremely flammable and heavier than air. It initially accumulates in low areas, but can be circulated by fans.

If propane gas is present or suspected to be present, do not let untrained persons search for the cause. The propane gas used in this appliance is odorless. Therefore, gas may have escaped even without a perceptible odor. The components used are designed for propane gas and

are therefore non-flammable and spark-free. Components may only be replaced by identical spare parts approved by the manufacturer. Make sure that the refrigerant is odourless. Observe the national gas regulations.

**Failure to comply with the safety instructions may result in explosion, death, personal injury and property damage.**

 <b>esteem</b>	<p>Every person who carries out work on the refrigerant circuit must have a current valid certificate of competence from an industry accredited assessment body which demonstrates its competence in the safe handling of refrigerants in accordance with a procedure recognised by industry.</p>
 <b>esteem</b>	<p>Maintenance may only be carried out in accordance with the manufacturer's instructions. During maintenance and repairs requiring the assistance of other specialists, the person trained in the handling of flammable gases must constantly monitor the work.</p>

**If you do not understand something or need help, please contact the manufacturer. You will find the contact details at the end of this manual.**

## Intended Use

The dehumidifier is only intended for dehumidification of privately used rooms (e.g. living rooms, bedrooms, storage rooms or cellars). The user must comply with the specified operating parameters of these instructions.

The machine may only be used for its intended purpose. Any further use beyond this is not intended. The user/operator and not the manufacturer shall be liable for any damage or injury of any kind resulting therefrom.

## operating instructions

The device is designed for a temperature range between 5 and 35°C. Below 5°C the air humidity tends to be very low, so that you do not have to use a dehumidifier. Above 35°C, the overheating protection may automatically switch off the unit. The device is not approved for operation outside the temperature range.

The air dehumidifier warms the air so that it can dehumidify optimally. Therefore the room temperature can rise by 1-2 degrees. This is quite normal and increases the efficiency of the device.

When the water tank is full, the appliance switches off automatically.

## Technical data

Product name:	Comedes LTR 100 NEO
Tension:	AC220-240V/50 Hz
Nominal power: (30°C 80% humidity)	170W
Power consumption: (30°C 80% humidity)	1,1 A
Dehumidification capacity:	12 l/ day (30°C 80% humidity)
Weight:	10,5 kg
Permissible operating temperature:	5-35°C
Coolant / Quantity:	R290/60g
Water tank size:	1,5 l
Noise emission:	≤ 42 dB(A)
Dimensions:	290x170x512 mm

## Device description

Figure 1:

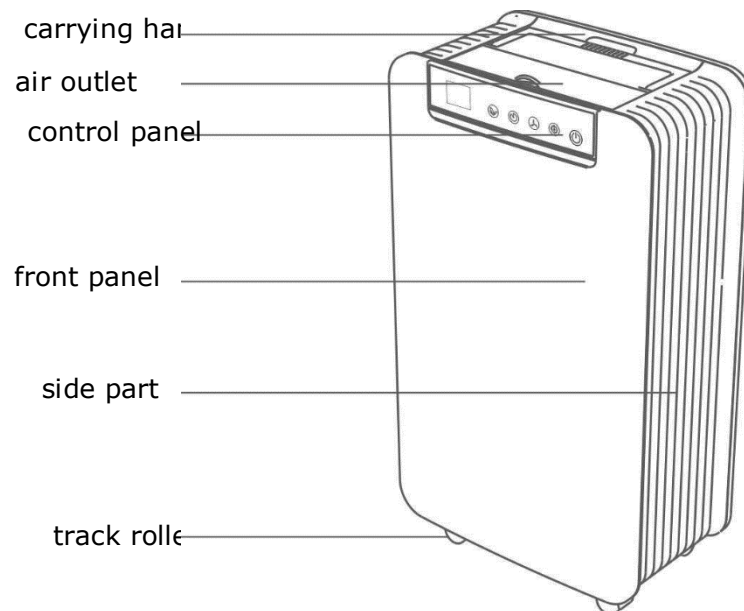
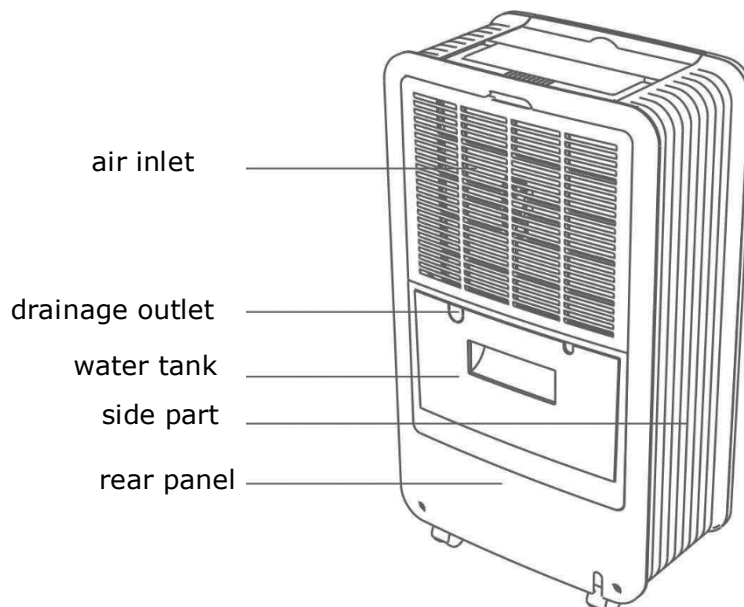


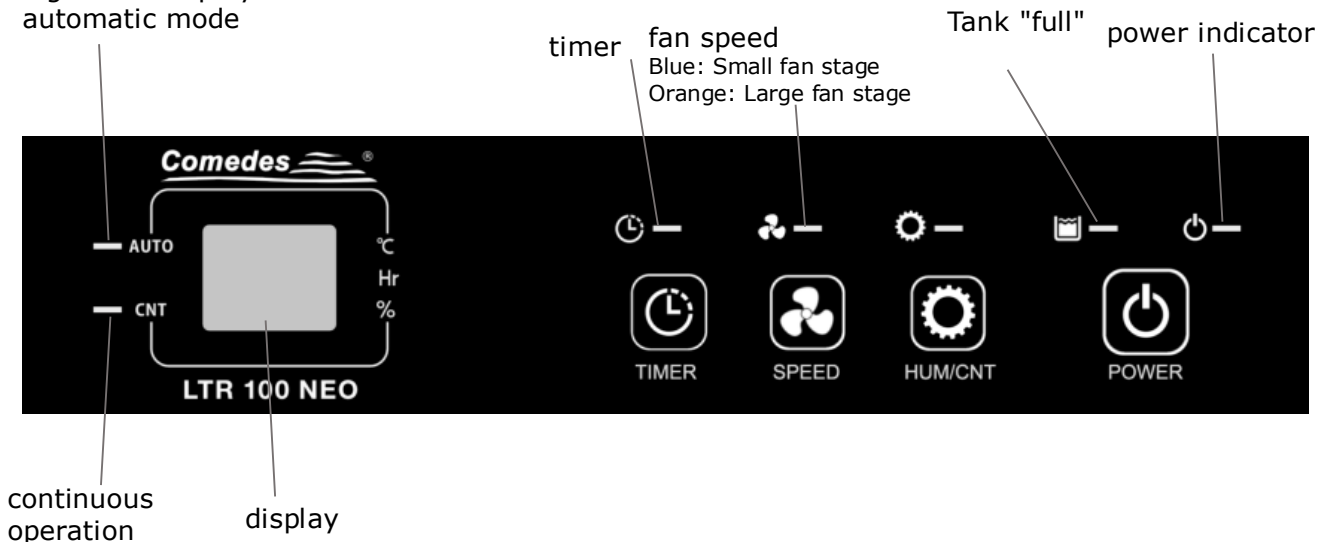
Figure 2:



**Co**  
**ntrol panel**



Figure 3: Display automatic mode



**Display:**

The illuminated display shows the prevailing room humidity as soon as the unit is plugged in. During the setting of the timer and the target air humidity, the selected values are displayed. Once the setting has been completed, the current room humidity is displayed again.

**Installation instructions**

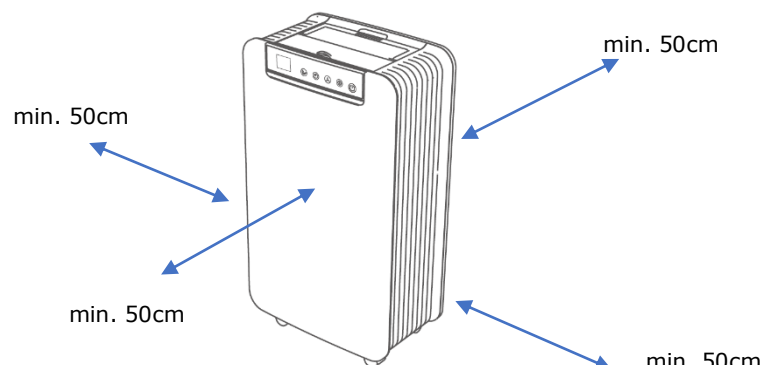


**Operate the device only in rooms with at least 6m<sup>2</sup> of floor space base**

- Remove all adhesive tapes that have been used to secure the unit during transport.
- Check that the unit stands securely on a firm, level and dry surface.
- Never install the unit where it may be exposed to the following conditions:
  - Heat sources such as radiators, heat registers, stoves or other products that generate heat.
  - In an area where oil or water can be sprayed.
  - Direct sunlight
  - Mechanical vibration or shock
  - Excessive dust exposure
  - Lack of ventilation, e.g. in cupboards or bookshelves
  - Uneven surface
- Make sure that the outlet is equipped with an RCD circuit breaker. If you are not sure whether this is the case, you can ask your electrician or use a personal protection plug (available in the DIY store).



- To save power and avoid potential hazards, disconnect the unit when not in use.
- Keep at least 50cm distance around the device to walls and objects. Make sure that the air outlet is free and that there are no curtains or textiles above it.



## Before commissioning

**After unpacking the device, check it for completeness and possible transport damage to avoid hazards. In case of doubt, do not use it, but contact our customer service. You will find the service address at the end of these instructions.**

Your device is packaged to protect it from damage in transit.

- Carefully remove the device from its sales packaging.
- Remove all packaging.
- Clean the device and all accessories from packaging dust residues according to the information in the chapter "Maintenance".

## commissioning

Before connecting the mains plug, check the device and especially the cable for damage. The device may only be operated with a faultless mains cable.

Plug in the mains cable and switch on the device with the on/off switch.

**CAUTION:** Always allow the unit to run for at least 35 minutes before turning it off and never turn it off or on continuously. There would be a risk of compressor damage.

After switching off, leave the Comedes LTR 100 NEO to stand for at least 3 minutes without moving the appliance so that the water in the drip tray can drain off completely.

The higher the humidity in a room and the higher the temperature, the better the Comedes LTR 100 NEO can dehumidify the air. Therefore, the compressor will generate heat and heat the room air. This is quite normal and does not need to worry you.

**ATTENTION:** Always open the air outlet flap before starting the unit.

**Note:** Before using the device for the first time, we recommend that you operate it for 5-10 minutes with the window open in order to remove any production-related residues. Any odour that may occur is normal and disappears after a short time. This is not a malfunction of the device. Ensure adequate ventilation.



### On / Off switch:

When you plug in the unit, a beep sounds and the "POWER" LED lights green.

**Open the flap of the air outlet before switching on the unit.**

Press the On/Off switch to turn on the unit; the dehumidifier will start in continuous operation with high air flow.

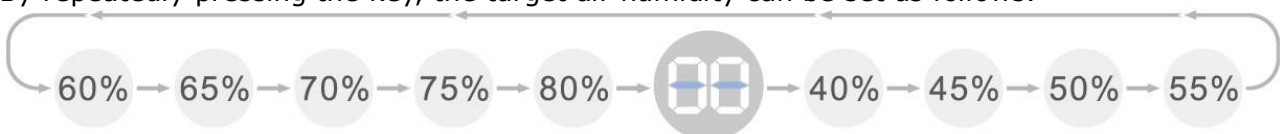
Press the On/Off switch again to turn off the unit. The compressor switches off immediately, the fan with 10 seconds delay.



### Humidity setting:

The device is equipped with a modern hygrostat (humidity regulator) and switches off automatically after reaching the desired humidity in order to save energy. The compressor switches off first and the fan 30 seconds later. If the humidity in the room rises again, the Comedes LTR 100 NEO automatically switches on again.

By repeatedly pressing the key, the target air humidity can be set as follows:



To operate the device in continuous operation (CNT), press the button repeatedly until "-" is shown on the display. After approx. 5 seconds, the continuous operation indicator next to the display will light up.

During operation, the current humidity is shown on the display.

To display the current room temperature on the display, press and hold this button for at least 3 seconds.

The dehumidifier starts dehumidifying when the room humidity is at least 3% higher than the set target humidity.



#### **Timer:**

Press the timer button to start the timer function. Press repeatedly to set a time of 1-24 hours. If the timer is activated, this is indicated by the corresponding LED.

If you activate the timer during operation, the device switches off after the set time.

If you activate the timer while the device is in standby mode, the device starts automatically after the set time has elapsed.

To turn off the timer, press the button repeatedly until "00" is displayed.

If the timer is active, the "Timer" LED lights up blue.



#### **Speed:**

Press this button to switch between the two fan levels.

The currently selected fan speed is indicated by the "SPEED" LED.

This LED lights up blue for the small fan stage and orange for the high fan stage.

## **Empty water tank:**

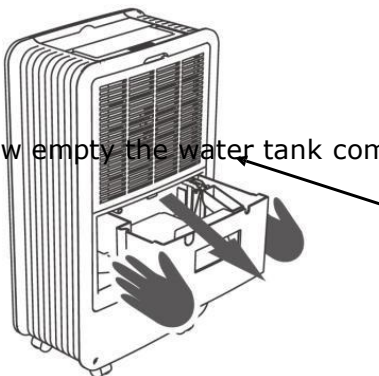
After the water tank is full, the Comedes LTR 100 NEO automatically switches off and the tank "Full" indicator (Fig. 3) lights up. This is also indicated acoustically.

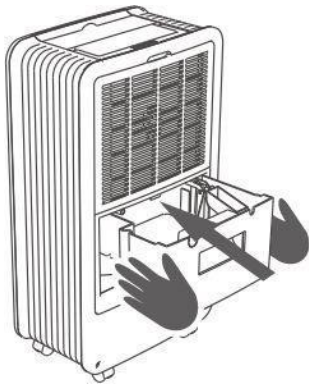
You must empty the water tank in order to put the LTR 100 NEO back into operation.

Always switch off the device first and unplug the mains plug.

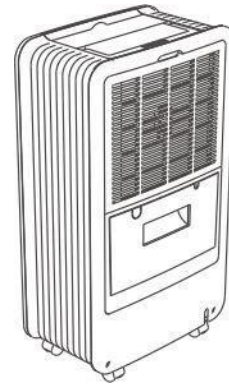
Grip the water tank by the handle provided and carefully pull it back out of the appliance. Caution: To avoid spilling water, it is advisable to grip the water tank with both hands during removal and transport.

Now empty the water tank completely into a washbasin or similar.





Carefully replace the tank after it has been completely emptied. To do this, grasp the water tank on both sides and push it straight into the appliance. Ensure that the tank is correctly inserted to ensure proper operation of the unit.



### Attention:

- The float must not be removed from the water tank to ensure correct and safe operation of the unit.

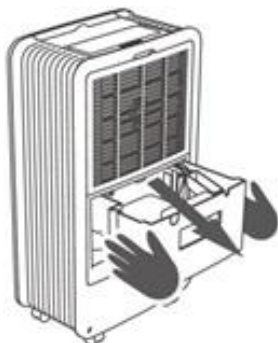


- If the water tank becomes dirty, it should be cleaned. Use cold or warm water without additives. Additives or cleaning utensils such as detergent, steel wool, benzene or other chemical cleaners are not suitable as they may damage the tank and cause leakage.

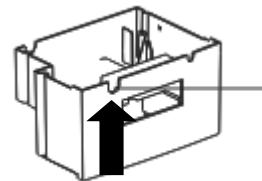
## hose drainage

The Comedes LTR 100 NEO can also be operated with a drainage hose (Ø9.0mm). To do this, remove the water tank and attach a drainage hose. To do this, proceed as follows:

1. remove the water tank



2. carefully break the Plastic sealing of the Drainage outlet from the water tank.

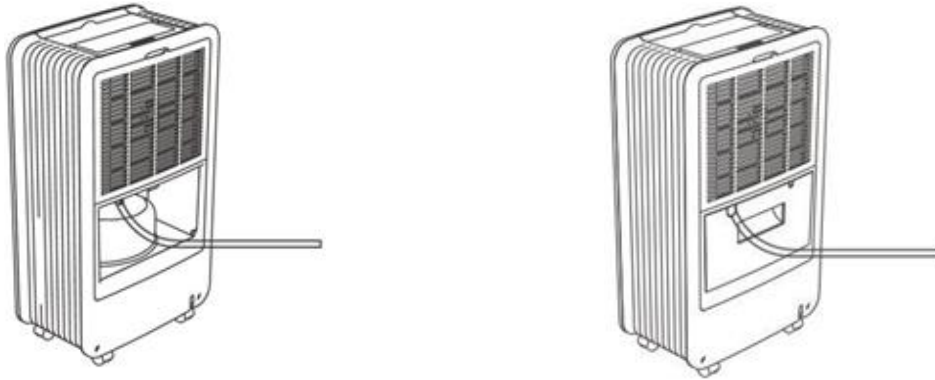


3. attach the drainage hose again at the outlet of the drip tray.

attach the drainage hose

4. insert the water tank

and run the hose through it the recess of the drainage outlet.



**Attention:**

- Make sure that the hose is not higher at any point than the hose connection on the device so that the water can drain off undisturbed.
- Make sure that the drainage hose is not kinked or blocked. Check this regularly.

The device must be switched off and disconnected from the mains after each use and before accessories are attached or removed by pulling the mains plug out of the earth contact socket after switching off. Allow the unit to cool to room temperature before cleaning and/or storing.

### **automatic defrosting system**

The dehumidifier is equipped with a temperature-dependent defrost function.

At a room temperature between 5°C and 12°C, the unit starts defrosting every 30 minutes.

At a room temperature between 13°C and 20°C, the unit starts defrosting every 45 minutes.

## **Recommendations for drying with the Comedes LTR 100 NEO**

In order to achieve the best possible dehumidification result with the LTR 100 NEO with the lowest possible

energy input, we provide the following information:

Since this manual can only provide limited help, we recommend that you visit [www.comedes.com](http://www.comedes.com) to catch up.

### **Fundamentals of dehumidification with the Comedes LTR 100 NEO**

The dehumidifier works similar to a refrigerator with a refrigerating machine. This creates a cold surface (on the evaporator) on which water condenses. Depending on air humidity and ambient temperature, the water condenses at the dew point temperature. In order for the dehumidifier to dehumidify, the cold surface must be below the dew point temperature. Since the water would freeze at negative dew point temperatures, the dehumidifier can only work with positive dew point temperatures. To guarantee this, the dehumidifier is equipped with a modern, temperature-controlled automatic defrosting system that maintains the evaporator temperature between 0 and 5°C. The dehumidifier is equipped with a temperature control system that keeps the evaporator temperature between 0 and 5°C. The dehumidifier is equipped with a temperature control system. In order to dehumidify properly, the dew point temperature should be above 5°C. If the dew point temperature is lower, dehumidification is either not possible at all or only possible very inefficiently. With the following table you can determine the dew point temperature in your case.

If the dew point temperature is too low, heating is recommended.

**Attention:**

Only heat the room with water-bearing heating units, such as underfloor heating and permanently installed radiators.

If this is not possible, the room can be preheated with another electric heater. However, the dehumidifier must not be located in this room.

The safety and operating instructions in this manual must be followed under all circumstances.

Temp. In °C	20%	25%	30%	35%	40%	45%	50%	55%	60%	65%	70%	75%	80%	85%	90%	95%
10°C	4.6	7.8	10.9	12.9	14.9	16.8	18.4	20	21.4	22.7	23.9	25.1	26.2	27.2	28.2	29.1
20°C	3.8	7.2	9.7	12	14	15.9	17.5	19	20.4	21.7	23	24.1	25.2	26.2	27.2	28.1
30°C	3	6.1	8.8	11.3	13.1	15	16.6	18.1	19.5	20.8	22	23.2	24.2	25.2	26.2	27.1
22°C	2.1	5.3	8	10.2	12.2	14.1	15.7	17.2	18.6	19.9	21.1	22.2	23.3	24.3	25.2	26.1
28°C	1.3	4.5	7.1	9.4	11.4	13.2	14.8	16.3	17.6	18.9	20.1	21.2	22.3	23.3	24.2	25.1
25°C	0.5	3.6	6.2	8.5	10.5	12.2	13.9	15.3	16.7	18	19.1	20.3	21.3	22.2	23.2	24.1
24°C	-0.3	2.8	5.4	7.6	9.6	11.3	12.9	14.4	15.8	17	18.2	19.3	20.3	21.3	22.3	23.1
23°C	1.1	1.9	4.5	6.7	8.7	10.4	12	13.5	14.8	16.1	17.2	18.3	19.4	20.3	21.3	22.2
22°C	-2	1.1	3.6	5.9	7.8	9.5	11.1	12.5	13.9	15.1	16.3	17.4	18.4	19.4	20.3	21.2
21°C	-2.8	0.2	2.8	5	6.9	8.6	10.2	11.6	12.9	14.2	15.3	16.4	17.4	18.4	19.3	20.2
20°C	-3.6	-0.3	1.9	4.1	6	7.7	9.3	10.7	12	13.2	14.4	15.4	16.4	17.4	18.3	19.2
19°C	-4.4	-1.4	1	3.2	5.1	6.8	8.3	9.8	11.1	12.3	13.4	14.5	15.5	16.4	17.3	18.2
18°C	-5.2	-2.3	0.2	2.3	4.2	5.9	7.4	8.8	10.1	11.3	12.5	13.5	14.5	15.4	16.3	17.2
17°C	-6.1	-3.1	-0.6	1.4	3.3	5	6.5	7.9	9.2	10.4	11.5	12.5	13.5	14.5	15.3	16.2
16°C	-6.9	-4	-1.4	0.5	2.4	4.1	5.6	7	8.2	9.4	10.5	11.6	12.6	13.5	14.4	15.2
15°C	-7.7	-4.8	-2.2	-0.3	1.5	3.2	4.7	6.1	7.3	8.5	9.6	10.6	11.6	12.5	13.4	14.2
14°C	-8.6	-5.7	-3.1	-1	0.6	2.3	3.7	5.1	6.4	7.5	8.6	9.6	10.6	11.5	12.4	13.2
13°C	-9.4	-6.5	-3.7	-1.6	-0.1	1.3	2.8	4.2	5.5	6.6	7.7	8.7	9.6	10.5	11.4	12.2
12°C	-10.2	-7.4	-4.8	-2.6	-1	0.4	1.9	3.2	4.5	5.7	6.7	7.7	8.7	9.6	10.4	11.2
11°C	-11.1	-8.2	-5.2	-3.4	-1.8	-0.4	1	2.3	3.5	4.7	5.8	6.7	7.7	8.6	9.4	10.2
10°C	-11.9	-9.1	-6	-4.2	-2.6	-1.2	0.1	1.4	2.6	3.7	4.8	5.8	6.7	7.6	8.4	9.2
9°C	-12.6	-9.8	-6.5	-4.5	-2.8	-1.3	-1.8	-0.5	0.67	1.8	2.83	3.82	4.77	5.66	6.48	7.22
8°C	-13.2	-10.4	-7.2	-5.3	-3.6	-2.09	-1.07	-2.1	-1.05	-0.08	0.85	1.86	2.72	3.62	4.48	5.18
7°C	-13.9	-11.2	-8	-6	-4.4	-2.8	-1.4	-2.81	-1.79	-0.88	-0.09	0.78	1.62	2.44	3.2	3.7
6°C	-14.6	-11.9	-8.7	-6.8	-5.2	-3.77	-2.2	-3.66	-2.43	-1.4	-0.36	-0.48	-1.77	-0.98	-0.26	0.47
5°C	-15.2	-12.6	-9.5	-7.6	-6	-4.5	-3.1	-4.5	-3.2	-2.1	-1.1	-0.48	-1.77	-1.08	-0.3	0.7

### Drying in case of problems with condensation moisture

Condensation usually occurs in cellars when humid air enters the cellar in summer and condenses on the cold cellar walls. We recommend dehumidifying the cellar room by room first in continuous operation. Let the appliance run continuously until you notice that the amount of water you empty daily from the tank is decreasing. Now place the device in the next room. Once you have dried all the rooms, we recommend that you select a central installation location and operate the unit in automatic mode. This type of dehumidification is more energy-efficient than if you dehumidify immediately to automatic mode, as the unit then switches off and on very frequently.

### Drying in the event of construction defects or water damage

In the case of construction defects and water damage, the cause should first be eliminated. The rooms can then be dried with condensation dryers such as the LTR 100 NEO. The dehumidifier is operated in continuous operation. The ambient temperature should be at least 20°C (not more than 27°C).

**Attention:** Only heat the room with water-bearing heating units, such as underfloor heating and permanently installed radiators.

If this is not possible, the room can be preheated with another electric heater. However, the dehumidifier must not be located in this room.

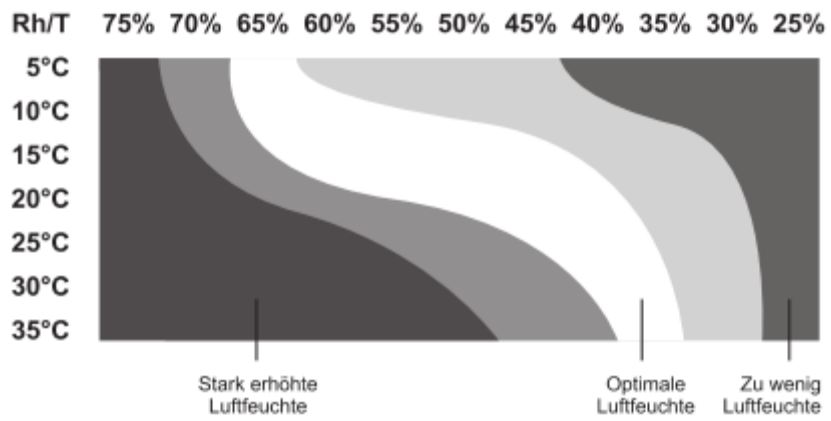
The safety and operating instructions in this manual must be followed under all circumstances. Please note that, depending on the building defect, drying of the insulating layer may also be necessary.

can become. This must be carried out by a specialist company.

### Recommended humidity for rooms

Basically, this depends on the ambient temperature. The higher the temperature of the room, the lower the relative humidity should be, as otherwise the formation of mould in the room is favoured. The pleasant humidity ranges from 35% to 65% relative humidity, depending on the ambient temperature.

The following diagram gives an indication of which air humidity is optimal at which ambient temperatures.



The diagram assumes that temperatures  $\geq 20^{\circ}\text{C}$  are residential rooms and temperatures  $\leq 20^{\circ}\text{C}$  are basement rooms.

# **maintenance**

**Always turn off the power and unplug the appliance before cleaning, servicing or repairing it.**

A maintenance log must be kept for the operation of the device as follows

## **Maintenance log for Comedes LTR 100 NEO:**

Serial number: .....

<b>Maintenance and care interval</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>
Check air inlet and outlet and remove impurities.															
exterior cleaning															
Visual inspection of the water outlet (hose connection) for contamination															
Check air filter for dirt and foreign bodies, clean or replace if necessary.															
Check device for damage (mains cable, housing, tank, fan wheel)															
Check fastening screws															
trial															
Empty the tank or check the hose drainage.															
Visual inspection of the sockets used.															
Test of the RCD.															

1. Date: Signature	2. Date: Signature	3. Date: Signature	4. Date: Signature
5. Date: Signature	6. Date: Signature	7. Date: Signature	8. Date: Signature
9. Date: Signature	10. Date: Signature	11. Date: Signature	12. Date: Signature
13. Date: Signature	14. Date: Signature	15. Date: Signature	16. Date: Signature



**Maintenance intervals:**

Maintenance and care interval	in front of everyone commissioning	With need	At least all 2 weeks	At least all 4 weeks	At least all 6 months	At least annually
Check air inlet and outlet and remove impurities. (Fig. 2, Fig1.)	X			X		
exterior cleaning		X				X
Visual inspection of the water outlet (hose connection) for contamination		X				X
Check air filter for dirt and foreign bodies, clean or replace if necessary.	X		X			
Check device for damage (mains cable, housing, tank, fan wheel)	X					
trial						X
Empty the tank or check the hose drainage.		X				
Visual inspection of the sockets used.	X					
Test of the RCD.				X		

**Check air inlet and outlet**

The unit sucks in the air from the rear (Fig. 2) and blows it out again at the top (Fig. 1). Make sure that the air inlet and air outlet are not blocked and check this each time the unit is put into operation. Make sure that no objects or walls obstruct the air inlet or outlet and observe the distance rules.

**Check air filter:**

This should be done every 2 weeks.

**To do this, switch off the unit, disconnect the mains cable** and remove the water tank.

You can now pull the filter downwards out of the device.

Rinse the filter with warm (maximum 40°C) clear water and let it dry. Make sure that the filter is not exposed to high temperatures and do not use cleaning agents or other substances (such as petrol or alcohol). You can then attach it to the device again.

**Check the drainage hose:**

Check the hose used for hose drainage regularly for blockages and damage. If the hose is clogged or damaged, replace it with a new one.

**Storage of the dehumidifier**

Should the dehumidifier not be used for a longer period of time:

- 1) Switch and disconnect the device.
- 2) Empty the water tank completely and make sure that there is no more water in the appliance.
- 3) Remove and clean the dust filters. Make sure that the filters are completely dry before reinserting them.
- 4) Store the dehumidifier in a cool, dry place. Keep the device away from direct sunlight, high/low temperatures and high dust exposure.

## Frequently Asked Questions (FAQ)

Current operating instructions can be found at: [www.comedes.com](http://www.comedes.com)

### The device cannot be switched on.

1. is the device plugged in correctly?
2. is the water tank inserted correctly?
3. does the red tank light up "full"?
4. Has the fuse blown?
5. is the room temperature above 35°C or below 5°C?
6. if the above points are ok, try again in 10 minutes.
7. is the timer function activated?
8. if the device is still not working, please contact [service@comedes.com](mailto:service@comedes.com)

### The dehumidification performance is too low.

1. is the dust filter dirty?
2. Is the air inlet or outlet blocked?
3. is the temperature or humidity too low?

### The unit does not switch off in automatic mode.

1. Are the windows and doors closed?
2. Does a device produce steam in this room?
3. Is the room too big?

### The device is very loud.

1. is the dust filter dirty?
2. Is it on firm, level and suitable ground?
3. Does the device touch the room wall?
4. a piece of carpet is recommended for tiled floors.

### The fuse's blowing all the time.



The RCD (FI) circuit breaker trips continuously. Stop the business and contact us at: [service@comedes.com](mailto:service@comedes.com)

### The mains cable or plug becomes disproportionately warm.



Stop the business and contact us at: [service@comedes.com](mailto:service@comedes.com)

### There are objects or water in the device.

Stop the business and contact us at: [service@comedes.com](mailto:service@comedes.com)

**Warning: Switch off and disconnect the unit immediately and contact customer service if anything unusual happens.**



This product must **not be disposed of with household waste**. This dehumidifier must be disposed of at a recycling point for electronic and electrical equipment. You can obtain further information about the relevant acceptance points from your local authority or city administration, or from Comedes GmbH.