

Dehumidifier WDH-118LEW



Dear Customer,

You have chosen a high-quality product. To ensure that you enjoy this product for many years to come, here are a few tips:

After transport:

As the device uses refrigerant, it may sometimes be transported improperly despite careful instructions on the packaging. We therefore ask you to leave it standing upright for at least 4 hours before using it for the first time so that the refrigerant in the device can settle properly.

In case of any problems:

We hope that the device meets your expectations! If, despite the utmost care, you have cause for complaint, please contact us as we are very keen to ensure your satisfaction and would like to clear up any misunderstandings.

When using for the first time:

Please note: As the internal pipes come into contact with moisture for the first time, it can take up to approx. 3 hours for liquid to accumulate in the condensation tank, depending on the humidity in the room.

Start-up time/delay:

To protect the compressor, it does not switch back on immediately after the device has stopped operating or there has been an interruption in operation (e.g. emptying the condensation tank). The compressor initially remains in a so-called "protection mode" for approximately 3 minutes, during which only the fan runs before the compressor switches back on.

Room humidity and dehumidification performance:

If you wish to check the room humidity and the associated dehumidification performance with your own humidity meter (hygrometer), please avoid attaching this humidity meter to a wall, as this will distort the true humidity content of the room air. See also the explanations under Troubleshooting.

Important safety instructions:

- Follow the operating instructions strictly when setting up, using and cleaning the device, and read them very carefully!
- Supervise the dehumidifier when children are near the appliance!
- Be careful with electricity; never put objects into the device or plug them in!
- Do not place any objects on the dehumidifier!
- Do not block the exhaust air fins of the device and please ensure there is sufficient space/clearance at and around the fan!
- Ensure sufficient air supply to the device, otherwise performance may be reduced and, in the worst case, overheating and/or fire may occur!
- Ensure that no moisture gets onto the electrical components of the device!
- Only use the recommended voltage to operate the device!
- Ensure that the power cable is unfolded (untangled) before connecting it to the socket!
- Ensure that the plug is clean and properly connected to the socket before starting up the device!
- In case of problems or damage, always contact the manufacturer immediately and never attempt to repair the device yourself!
- Never touch the plug or socket with wet hands!
- Please do not use multiple sockets to operate the dehumidifier!
- Do not repair defective or damaged cables on the device yourself, as you could receive a severe electric shock!
- Ensure that there are no highly flammable substances (e.g. gases/oils, etc.) near the device!
- The device is only intended for indoor use. It must not be used in a commercial laundry room!
- If you are not using the device for a long period of time, switch it off and unplug it!
- The appliance must be stored in a well-ventilated room where the room size corresponds to the room size specified for operation.
- This appliance can be used by children aged 8 years and above if they are supervised or have been instructed in the safe use of the appliance and understand the hazards involved. Cleaning and user maintenance must not be carried out by children unless they are aged 8 years and above and are supervised. The appliance and its connection cable must be kept away from children under 8 years of age.
- Do not make any modifications to the appliance!
- The dehumidifier should not be operated or stored in a room with other burning/heating appliances!

Please switch off the device immediately and disconnect it from the power supply if something seems to be wrong! In this case, please contact a specialist and do not attempt to repair the device yourself!

Examples: Fan does not run during operation, fuse has blown or compressor is rattling loudly.

Important operating and safety instructions regarding the refrigerant R290 in this appliance:

(Please read these instructions carefully and observe them before using the device!)

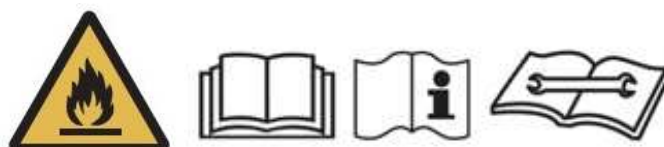
- R290 refrigerant gas complies with European environmental regulations.
- The appliance uses R290 refrigerant. This refrigerant is highly flammable and explosive if the safety instructions are not followed!
- The appliance contains **50 g** of R290 refrigerant – the maximum permitted filling quantity of R290 refrigerant for this dehumidifier is **0.050 kg**!
- The minimum air circulation at low fan speed is **120 m³/h**, at high fan speed **150 m³/h**.
- The device must be stored in a room without continuous ignition sources (e.g. open flames, a gas appliance in operation or an electric heater in operation).
- Protect the device and especially the internal components from damage or flames/heat!
- Please note that the refrigerant is odourless and a leak cannot therefore be immediately detected by smell!
- If refrigerant escapes, it may ignite or explode, especially in poorly ventilated rooms in combination with high heat, sparks or flames!
- Ensure that the exhaust air can always escape freely and is not obstructed by other objects!
- The device should be set up, operated and stored in a room with a minimum size of **4 m²**!
- Pack the device carefully when you are no longer using it to protect it from damage! Be careful when storing the device to avoid mechanical damage.
- When cleaning, strictly follow the manufacturer's instructions and do not use additional heat sources to speed up the defrosting process of the device!
- Never work on the cooling circuit or parts containing refrigerant yourself!
- Only persons authorised and certified by an accredited agency for handling refrigerants should work on the refrigerant circuit.
- If the mains connection cable of this appliance is damaged, it must be replaced by the manufacturer or its after-sales service or a similarly qualified person in order to avoid hazards.
- The appliance must be installed in accordance with national installation regulations.
- Do not use any objects other than those permitted by the manufacturer to accelerate the defrosting process.
- Do not drill or burn.

This appliance has parts that must not be replaced or repaired!

The refrigerant cannot be renewed or replaced!

Do not carry out any repairs or modifications to your appliance yourself!

Maintenance and repair work that requires the assistance of other qualified persons must be carried out under the supervision of specialists in the use of flammable refrigerants.



Important safety instructions for repairing a device with R290 refrigerant:

1. Check the environment

Before you start working on systems containing flammable refrigerants, safety checks are required to ensure that the risk of ignition is minimised. When repairing the refrigerant system, the following safety precautions must be observed and complied with before work is carried out on the system.

Procedure

The work must be carried out in a controlled manner to minimise the risk of flammable gases or vapours being present during the work.

2. General work area

All maintenance personnel and other persons in the vicinity must be instructed on the nature of the work to be carried out. Work in confined spaces must be avoided. The area around the work area must be cordoned off. Ensure that the conditions in the work area have been made safe by checking for flammable materials.

3. Checking for the presence of refrigerants

The area must be checked with a suitable refrigerant detector before and during work to ensure that the technician is aware of the potential flammable atmosphere. Ensure that the refrigerant detector used is suitable for working with flammable refrigerants, e.g. non-sparking, adequately sealed and intrinsically safe.

4. Availability of a fire extinguisher

If hot work is to be carried out on refrigerant equipment or associated parts, suitable fire-fighting equipment must be readily available. Ensure that a dry powder fire extinguisher or CO₂ fire extinguisher is nearby.

5. No ignition sources

Persons performing work related to a refrigerant system that involves exposure to piping containing or having contained flammable refrigerants must use ignition sources in such a way that they do not pose a risk of fire or explosion. All possible ignition sources, including smoking cigarettes, should be kept sufficiently far away from the installation, repair and disposal site, as flammable refrigerant may be released into the surrounding area. Before work commences, the area around the equipment must be inspected to ensure that there are no flammable hazards or ignition risks. "No smoking" signs must be displayed.

6. Ventilated area

Ensure that the work area is outdoors or that it is adequately ventilated before working on the system or performing hot work. Adequate ventilation must be ensured throughout the entire duration of the work to be performed. Ventilation should safely disperse any refrigerant that is released and preferably expel it externally into the atmosphere.

7. Checking the refrigerant equipment

When replacing electrical components, they must be suitable for the purpose and have the correct specifications. The manufacturer's guidelines for maintenance and repair must be observed and followed at all times. If in doubt, contact the manufacturer's technical department for assistance. The following checks must be carried out on installations containing flammable refrigerants:

- The filling quantity must be in accordance with the size of the room in which the parts containing refrigerants are installed.
- The ventilation equipment and ventilation outlets are functioning properly and are not blocked.

8. Testing electrical equipment

Before repairing and maintaining electrical components, preliminary safety checks and inspections must be carried out on the components. If there is a defect that could compromise safety, the equipment must not be connected to the mains until the defect has been rectified. If the defect cannot be rectified immediately but operation must continue, an adequate temporary solution must be found. This must be reported to the owner of the equipment so that all parties are informed.

The initial safety checks must include:

- Capacitors must be discharged; this should be done in a safe manner to avoid the possibility of sparking.
- No live components or wiring should be exposed when filling, restoring or flushing the system.
- Continuity of the earth connection.

9. Repairs to hermetically sealed components

During the repair of hermetically sealed components, the entire power supply to the device must be disconnected before removing sealed covers, etc. If it is absolutely necessary for the device to be powered during maintenance, a permanent leak detection system must be in place to warn of a potentially dangerous situation.

Particular attention must be paid to the following point to ensure that when working on electrical components, the enclosure is not modified in such a way that the degree of protection is compromised. This includes damage to cables, an excessive number of connections, connection terminals that do not comply with the original specification, damage to seals, improper attachment of sealing screws, etc.

Ensure that the device is securely mounted.

Ensure that seals or sealing material are not worn to such an extent that they no longer serve their purpose of preventing the ingress of flammable atmospheres. Replacement parts must comply with the manufacturer's specifications.

NOTE: The use of silicone sealants may interfere with the effectiveness of some leak detectors. Intrinsically safe components do not need to be sealed before working on them.

10. Repair of intrinsically safe components

Do not apply a permanent inductive or capacitive load to the circuit without ensuring that it does not exceed the permissible voltage and current for the equipment used. Intrinsically safe components are the only types that can be worked on while connected to the mains in the presence of a flammable atmosphere. The test equipment must have the correct ratings. Only replace components with parts specified by the manufacturer. Other parts may cause a leak that could ignite the refrigerant in the atmosphere.

11. Wiring

Check that the wiring is not subject to wear, corrosion, excessive pressure, vibration, sharp edges or other harmful environmental effects. The test must also take into account the effects of ageing or continuous vibration from sources such as compressors or fans.

12. Detection of flammable refrigerants

Under no circumstances should potential sources of ignition be used when searching for or detecting refrigerant leaks. A halogen search lamp (or any other search device that uses open flames) must not be used.

13. Leak detection methods

The following leak detection methods are considered acceptable for systems containing flammable refrigerants.

Electronic leak detectors must be used to detect flammable refrigerants, but their sensitivity may not be sufficient or they may need to be recalibrated. (Detection equipment must be calibrated in a refrigerant-free area.) Ensure that the leak detector is not a potential ignition source and that it is suitable for the refrigerant used. Leak detection equipment must be set to a percentage of the lower explosion limit and must be calibrated for the refrigerant used, and the appropriate percentage of gas (25% maximum) must be confirmed.

Leak detection fluids are suitable for use with most refrigerants, but the use of cleaning agents containing chlorine must be avoided, as chlorine can react with the refrigerant and corrode copper piping.

If a leak is suspected, all naked flames must be removed/extinguished.

If a refrigerant leak is detected that requires soldering, all refrigerant must be recovered from the refrigeration system or isolated (by closing valves) in a part of the system away from the leak.

Oxygen-free nitrogen must then be flushed through the system before and during the soldering process.

14. Removal and drainage

When you intervene in the refrigerant circuit to carry out repairs – or for other reasons – conventional methods must be used. However, it is important that proven procedures are always followed, as flammability must be taken into account. The following procedure should be followed:

- Remove the refrigerant
- Flush the circuit with inert gas
- Evacuate the air
- Flush again with inert gas
- Open the circuit by cutting or soldering

The refrigerant charge must be prepared in the correct preparation cylinders. The system must be "flushed" with oxygen-free nitrogen to keep the device safe. This process may need to be repeated several times. Compressed air or oxygen must not be used for this purpose.

Flushing can be achieved by introducing oxygen-free nitrogen into the vacuum in the system and continuing to fill until the working pressure is reached, then venting to atmosphere and finally drawing a vacuum. This process must be repeated until there is no refrigerant left in the system.

When the final filling with oxygen-free nitrogen is complete, the system must be vented to atmospheric pressure. This is absolutely necessary if soldering work has to be carried out on the piping. Ensure that the outlet for the vacuum pump is not located near sources of ignition and that ventilation is provided.

15. Filling process

In addition to conventional filling procedures, the following requirements must be observed:

- Ensure that there is no contamination of the various refrigerants when filling the equipment. Hoses or cables must be as short as possible to minimise the amount of refrigerant contained therein.
- Cylinders must remain upright.
- Ensure that the refrigeration system is earthed before filling the system with refrigerant.
- Mark the system when filling is complete (if not already done).
- Extreme care must be taken not to overfill the refrigeration system.
- Before refilling the system, the pressure must be tested with oxygen-free nitrogen. The system must be tested for leaks at the end of filling but before commissioning. A verification leak test must be performed before leaving the site.

16. Decommissioning

Before performing this procedure, it is necessary for the technician to be fully familiar with the equipment and its details. It is a recommended standard that all refrigerants be safely recycled. Before the task is carried out, an oil and refrigerant sample must be taken in case an analysis is required before the recovered refrigerant can be reused. It is necessary that electrical power is available before the task is started.

- a) Familiarise yourself with the equipment and its operation.
- b) Disconnect the system from the power supply.
- c) Before performing the procedure, ensure that
 - that mechanical handling equipment is available, if necessary also for handling refrigerant cylinders;
 - that personal protective equipment is available and worn correctly;
 - that the reconditioning process is supervised by a competent person at all times;
 - that the reconditioning equipment and cylinders comply with the applicable standards.
- d) If possible, pump out the refrigerant system.
- e) If a vacuum is not possible, create a collection line so that the refrigerant can be removed from the various parts of the system.
- f) Ensure that the cylinder is on the scales.
- g) Start the recovery unit and operate it according to the manufacturer's instructions.
- h) Do not overfill the cylinders (no more than 80% of the liquid filling capacity).
- i) Do not exceed the maximum working pressure of the cylinder, even temporarily.
- j) Once the cylinders have been filled correctly and the process is complete, ensure that the cylinders and equipment are removed from the site immediately and that all shut-off valves on the equipment are closed.
- k) Reconditioned refrigerant must not be filled into other refrigeration systems unless it has been cleaned and tested.

17. Labelling

The equipment must be labelled to indicate that it has been taken out of service and that the refrigerant has been drained. The label must be dated and signed. Ensure that labels are affixed to the equipment indicating that it contains flammable refrigerant.

18. Recycling

When removing refrigerant from a system, either for maintenance or decommissioning, it is recommended standard practice that all refrigerant be safely removed. When transferring refrigerant to cylinders, ensure that only suitable refrigerant recycling cylinders are used. Ensure that the correct number of cylinders is available to hold the entire quantity of refrigerant. All cylinders used must be suitable and marked for recycled refrigerant (i.e. special cylinders for recycling refrigerant). The cylinders must have a pressure relief valve and a connected shut-off valve and be in good working order. Empty recycling cylinders must be evacuated and, if possible, cooled before recycling.

The recycling plant must be in good working order with appropriate instructions for the equipment in question and must be suitable for recycling flammable refrigerants. In addition, a set of calibrated scales in good working order must be available. Hoses must be complete with leak-free and undamaged disconnect couplings. Before using the recycling equipment, check that it is in good working order, that it has been properly maintained and that all associated electrical components are sealed to prevent ignition in the event of a refrigerant release. If in doubt, contact the manufacturer.

The reprocessed refrigerant must be returned to the refrigerant supplier in the correct processing cylinder, and the appropriate disposal certificate must be arranged. Do not mix refrigerants in reprocessing units, especially in cylinders.

When removing a compressor or compressor oils, ensure that they have been evacuated to an acceptable level to ensure that no flammable refrigerant remains in the lubricant. The evacuation process must be carried out before returning the compressor to the supplier. To speed up this process, only the electric heating of the compressor housing may be used. When draining oil from a system, this must be done in a safe manner.

19. Electrical components

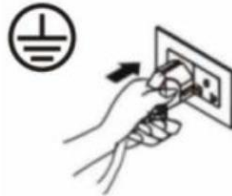
Electrical components that can generate arcs or sparks and that are not considered ignition sources due to compliance with 22.116.1 letters b), c), d) or f) may only be replaced with parts specified by the equipment manufacturer. Replacement with other parts may result in ignition of the refrigerant in the event of a leak.

Warnings:

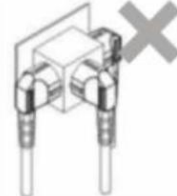
Do not kink or bend the power cord!



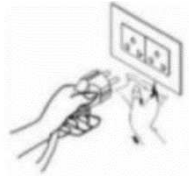
Ensure that the plug is fully and securely inserted into the socket!



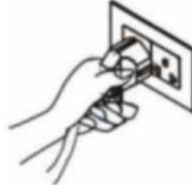
Do not use multiple sockets, adapters or extension cables!



Ensure that the plug is clean!



When you are no longer using the device, please unplug it from the socket!

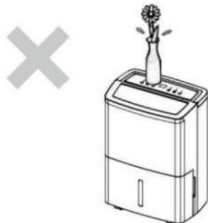


Never handle the power plug with wet hands!



Precautions:

Please do not place any objects on the control panel!



Do not place any objects over the outlet opening!



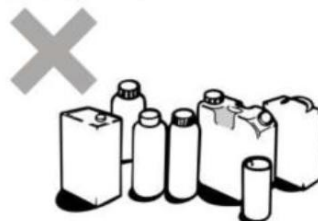
Keep children away from the device!



Protect the device from moisture!



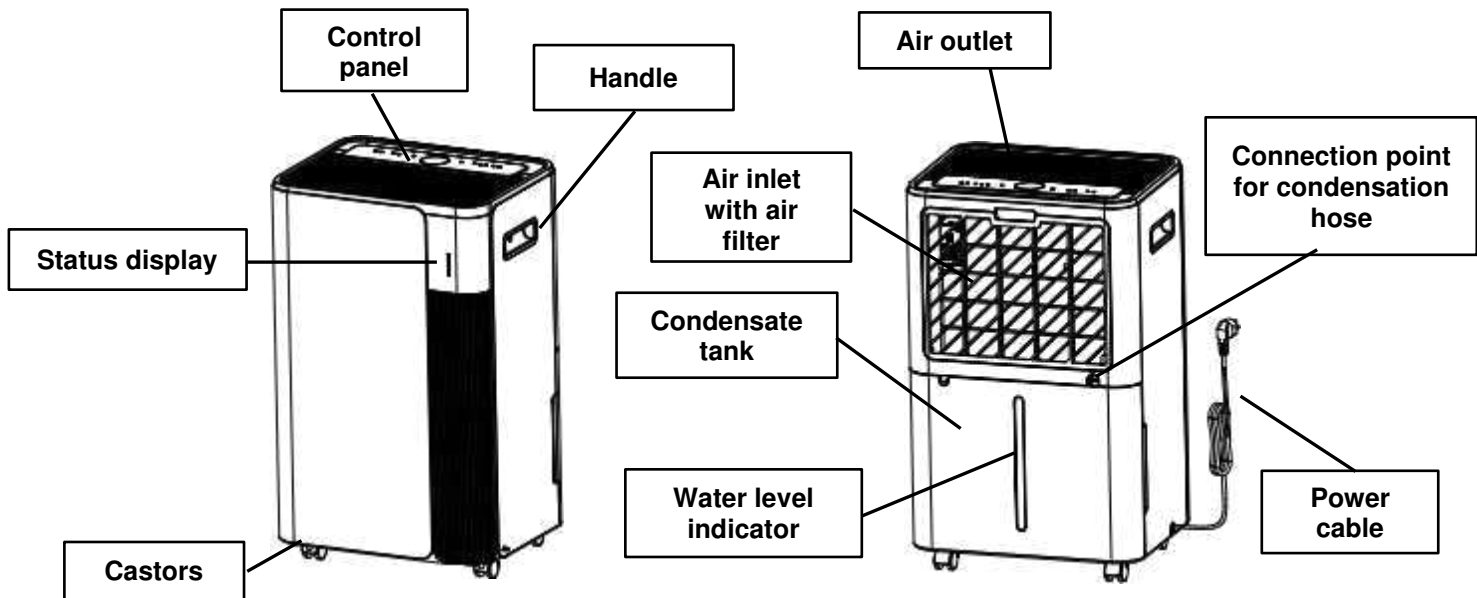
Protect the device from solvents, as well as irritating and flammable substances!



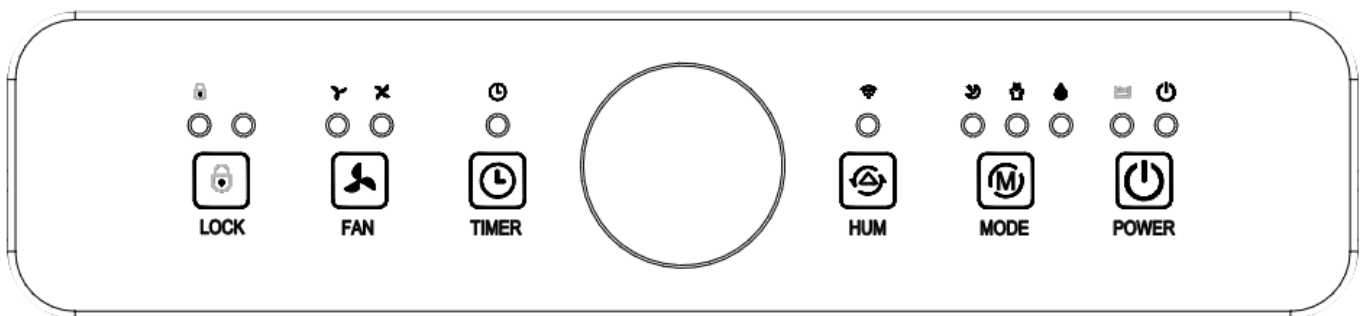
Only allow specialists to carry out maintenance!



Description of device parts:



Function description:



Operating switch (on/off)



Mode button (dehumidification mode/drying mode/sleep mode)



Target humidity setting (Note: Press and hold to display the current room temperature.)



Timer button (from 01 to 24) – Note: Press and hold to start the Wi-Fi pairing process.



Fan speed setting (low/high)



Child lock (Note: Press and hold this button to activate the child lock. Press and hold again to deactivate the child lock.)

Instructions for use:

2.9. Before use

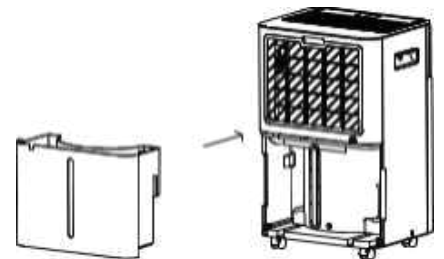
- After unpacking, check the device for any damage or scratches!
- Operate this device at an ambient temperature of 5°C to 35°C!
- Do not use the device outdoors. This dehumidifier is only intended for indoor use!
- Do not operate the device near walls, curtains or other objects that could block the air inlet and outlet!
- Keep the air inlet and outlet free of obstacles!
- If the device is tilted by more than 45°, allow it to stand upright for at least 6 hours before use!
- Keep doors and windows closed to save energy more effectively!
- Do not operate or store the device in direct sunlight or rain!
- It is normal for the air outlet to feel warm after continuous operation on hot days!
- Empty the condensation tank before moving the unit!
- Ensure that the condensation tank is inserted correctly, otherwise the unit will not function properly!
- The dehumidifier will start in the mode that was selected when the unit was last used!
- The dehumidifier will start dehumidifying when the room humidity is 3% higher than the selected humidity level.

2. Start-up

- 2.1. Plug the power cord into a suitable power outlet. The dehumidifier is designed for operation on a power supply with the same voltage as indicated on the nameplate.

Note: Once the appliance is plugged in, the display shows the current room humidity. It must then be switched on using the operating switch to start dehumidification.

- 2.2. Ensure that the condensation tank is positioned correctly. (If the "condensation tank full" light comes on when the device is switched on for the first time, simply pull out the water tank, check that the float can move freely and return the water tank to the correct position.



- 2.3. If the unit is operated at too low or too high temperatures (below 5°C or above 35°C), it will automatically stop. When the room temperature is between 5°C and 16°C, frost will form on the surface of the evaporator, reducing the efficiency of the dehumidifier. When this happens, the unit will automatically switch to periodic defrost mode. This is normal. The defrost time may vary. During defrost mode, the compressor will stop and the fan will continue to run. If the dehumidifier freezes, switch off the unit for a few hours and then restart it. It is not recommended to use the dehumidifier at temperatures below 5°C.

- 2.4. Switch on the device using the operating switch . Now press  to set the desired target humidity. The humidity can be set in 5% increments within a range of 30% to 80% humidity. The target value of 30% humidity corresponds to continuous operation.

Note: The value you set must be below the current room humidity for the device to dehumidify. If the value is above the current room humidity, the fan will run for approx. 30 seconds and the device will then switch off. If the room humidity rises above the set value, the device will automatically start dehumidifying again.

Note: The difference between the room humidity and the set target humidity must be at least 3% for the device to stop or resume dehumidification.

- 2.5. Use the fan speed button  to select between low and high fan speed or air circulation.
- 2.6. If you wish to activate/use the timer function (function for determining the remaining running time or function for specifying a start time), press the TIMER button .

You can activate or set the timer both in operating mode and in switched-off mode.

Determining the remaining running time in operating mode: Press the TIMER button to select the desired remaining running time using the  button. Once this selected operating time has elapsed, the device switches off automatically after 20 seconds.

Setting a start time in off mode: When the dehumidifier is switched off, press the TIMER button to select the desired start time. Use the  button to select a value between 01 and 24 hours. Once this selected duration has elapsed, the device switches on automatically (using the last settings used and provided that the mains plug has not been disconnected in the meantime).

Note: The remaining time or the time remaining until the device starts can be displayed by simply pressing the timer button again. The set timer can be deactivated again by pressing the button once more. The illuminated timer symbol will go out.

- 2.7. You can switch between three different modes using the mode button .

The device is in dehumidification mode by default when you switch it on for the first time.

Note: The device will then always start with the last selected setting, unless you have disconnected the power plug. In this case, the dehumidifier will start in dehumidification mode with a target humidity of 50% and a high fan speed.

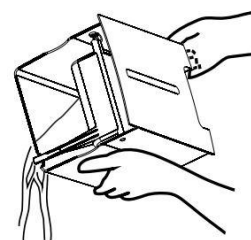
Press the mode button once to switch to "drying mode". Press the button again to return to "dehumidification mode". Press and hold the button to put the device into "sleep mode".

	Dehumidification mode: Dehumidification mode is automatically activated when the device is switched on. The device runs at the lowest setting during dehumidification mode.
	Drying mode: In drying mode, the device runs at the highest setting. The target humidity cannot be set in drying mode.
	Sleep mode: When sleep mode is activated by pressing and holding the mode button, all symbols disappear after 10 seconds and only the symbols for the operating switch and sleep mode remain lit. The compressor stops and the device becomes silent. During sleep mode, you can still adjust the humidity, but not the fan speed. Press any button to restart the unit. Press and hold the mode button to exit sleep mode.

- 2.8. When the condensation tank is full, the "condensation tank full" light  next to the operating switch button flashes and the display shows "FL" flashing. The status indicator also lights up red.
After you have emptied the condensation tank and pushed it back into the unit properly, dehumidification mode will restart automatically.
- 2.9. If you want to control the device via the app, you must first download the "Tuya Smart" app from the App Store onto your smartphone (or tablet). After downloading, open the app and make sure your smartphone is connected to your Wi-Fi network and that Bluetooth is turned on. Now follow the app's instructions to register. After registering, tap "Add Device" in the app. Under the "Small Appliances" category, select the "Dehumidifier" button.
The dehumidifier should now appear on the screen. Tap it to connect it to your smartphone via the app. Once your smartphone is paired with the dehumidifier, the Wi-Fi indicator light on the display will stop flashing and remain lit.
Now you can conveniently control the dehumidifier via the app and simultaneously view values such as the current room humidity without having to stand directly in front of the device.

Note: If you do not use the Wi-Fi function for a prolonged period or do not pair the dehumidifier with a Wi-Fi network, this function will switch to standby mode and the indicator light will stop flashing. To reactivate the Wi-Fi function, you must press and hold the timer button until the Wi-Fi light starts flashing again. The Wi-Fi function is now active once more.

Please use both hands to carefully empty the water tank!



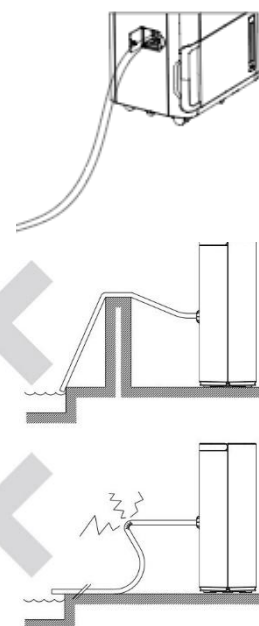
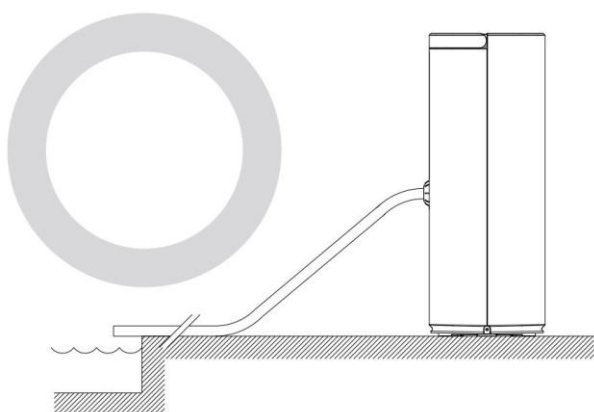
Caution:

- Never dispose of the condensation tank magnet and the plastic rivet! Otherwise, the device will not automatically stop working when the condensation tank is full and the condensation water will overflow.
- If the condensation tank is dirty, rinse it out with clean water. Avoid using detergents, chemical cleaners, diesel oil, benzene, thinners or other solvents! Otherwise, the condensation tank will be damaged and leak.
- Replace the empty tank in its original position in the appliance. Otherwise, the "condensate tank full" message (red) will remain and the appliance cannot be restarted.



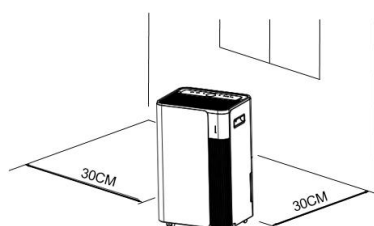
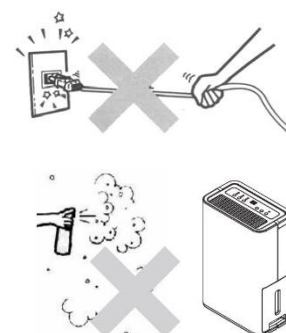
3. Connecting a hose for continuous water drainage

- 3.1. You will need the condensation hose provided.
- 3.2. Attach the condensation hose to the connection point above the condensation tank.
- 3.3. Now place the plastic hose in a bucket into which the condensation water can flow.
- 3.4. Proper drainage of condensation water when connecting the hose! Make sure that the hose always has a slight slope (see the following diagrams). Avoid uneven surfaces!



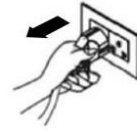
4. Other operating instructions

- 4.1. Do not disconnect the mains plug by pulling on the power cable!
- 4.2. Do not use insecticide, oil or paint spray etc. near the dehumidifier. This can cause damage to the appliance or even lead to fire!
- 4.3. Do not place the device on a sloping or uneven surface!
- 4.4. Please always keep a distance of approx. 30 cm from the wall and other objects to prevent the device from overheating and to allow optimum air circulation. Furthermore, please ensure a distance of approx. 50 cm to the ceiling when drying laundry!
- 4.5. For effective and economical dehumidification, please close all doors and windows in the room where the dehumidifier is located!
- 4.6. Please keep the device away from heat sources!
- 4.7. Always keep and transport the device in its proper upright position!
- 4.8. Remove any residual water from the condensation tank before moving the device.



5. Cleaning

For safety reasons, make sure that the dehumidifier is disconnected from the mains before servicing or cleaning the device!



5.1. Cleaning the housing

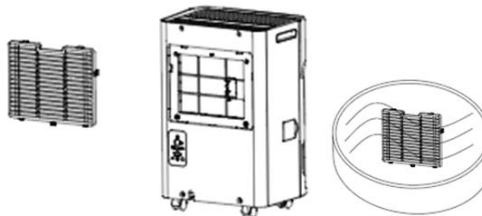
- a) Wipe the housing with a soft, clean cloth.
- b) If the dehumidifier is very dirty, use a mild cleaning agent and wipe it off with a damp cloth.
- c) **NEVER** spray your dehumidifier (e.g. with water or similar).

5.2. Cleaning the air filter

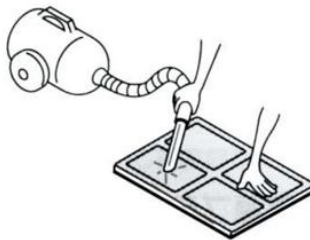
The air filter filters out fluff, hair and coarse dust. The air filter is coated with an antibacterial glaze to inhibit the growth of bacteria. The air filter also ensures that less dust is deposited on the cooling fins, thus ensuring greater efficiency. Clean the filter every two weeks to ensure that the efficiency of the air intake is not reduced by a dirty air filter!

5.3. Cleaning steps:

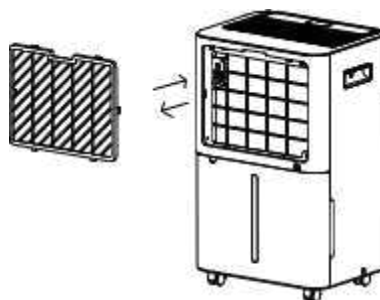
- d) Remove the filter from its holder by pulling it out.



- e) It is best to clean the air filter carefully under lukewarm water or with a vacuum cleaner set to low suction power.



- f) Insert/press the filter back into its original position.



6. Storing the dehumidifier

- 6.1. Empty any condensation water from the condensation tank and dry it.
- 6.2. Run the appliance in dehumidification mode for a few hours to allow it to dry completely inside. To do this, set a target humidity level that is at least 5% above the current room humidity.
- 6.3. Clean the filter.
- 6.4. Return the filter to its original position.
- 6.5. Store the device in its original box.

Technical data:

Model name:	WDH-118LEW
Voltage:	220-240 V / 50Hz
Maximum power consumption:	300 W (1.3 A)
Dehumidification capacity (optimal):	20 litres/day (30°C / 90% RH)
Dehumidification capacity (standard):	16 litres/day (30°C / 80% RH)
Min. air circulation:	120 m³/h
Max. air circulation:	150 m³/h
Max. noise level:	≤ 41 dB (A)
Compressor:	Rotary compressor
Condensation tank:	4.5 litres
Refrigerant:	R290 (50 g)
Cooling pressure (max.):	0.7 MPa
Vapour pressure (max.):	3.2 MPa
Frequency band:	2.4 GHz (WLAN) with: < 20 dBm transmission power
Dimensions (H/W/D):	495 x 305 x 235 mm
Weight:	13 kg
Operating range:	5°C ~ 35°C
Recommended room size:	15 - 20 m² (in rooms > 4 m²)
GWP:	0.50 (R290)

Troubleshooting:

The device does not dehumidify enough / Too little water collects in the condensation tank

Please remember that the primary aim is not to collect as much condensation as possible, but to dry and/or keep dry the air in the room, ceilings, walls and furnishings!

Also bear in mind that the dehumidifier can only extract moisture from the air and only indirectly from materials. Depending on the condition of the ceilings, walls and furnishings, it can take several weeks for them to release the stored moisture back into the air! For this reason, if you use your own moisture meter (hygrometer), we recommend that you place it as freely as possible and slightly away from walls and ceilings, otherwise the moisture value of the room air will be distorted!

As with all dehumidifiers, the dehumidification performance is significantly influenced by the following factors:

- A) The humidity content of the room air and
- B) Heat/temperature in the room.

Therefore, to be on the safe side, here is an excerpt from the dehumidification table for CONTINUOUS OPERATION:

	80% RH	90% RH	60% RH
35°C	17.5 litres	20 litres	10.5 litres
30°C	16 litres	17.5 litres	9 litres
20°C	9 litres	11 litres	6 litres
15°C	7 litres	9 litres	4 litres
10°C	5 litres	6.5 litres	3 litres
5°C	4 litres	5 litres	2.5 litres

All figures are approximate per day (fluctuation tolerance) when measured directly at the device inlet and, of course, these values only apply if the temperature and humidity content remain constant!

Despite the hose connection, most of the water runs into the condensation tank

Check that the condensation hose has a slope and is neither kinked nor blocked. Also check that the dehumidifier is standing upright and that the castors are not necessarily standing in the joints on a tiled floor.

Note: Before contacting customer service, please refer to the following troubleshooting list. This list contains common problems that are not due to manufacturing or material defects.

Problem	Possible cause	Solution
The appliance is not working	No working or missing power source	Plug the power cord into a working power outlet.
	"Condensate tank full" light flashes/lights up	Empty the condensation tank or return it to its original position.
	Room temperature is less than 5°C or more than 35°C	Self-protection of the unit. The device cannot operate under these conditions.
The device is not working properly	Is the air filter clogged/dirty?	Clean the air filter according to the instructions.
	Is the air inlet or outlet blocked?	Remove the obstruction blocking the inlet or outlet channel.
The device is not drawing in air	Is the air filter dirty?	Clean the air filter according to the instructions.
The device makes loud noises during operation	Is the appliance standing on a level surface?	If not, place the device on a level surface.
	Is the filter dirty?	Clean the filter according to the instructions.
CL	Protection against low temperatures when the ambient temperature falls below 5°C	The appliance switches off for safety reasons.
CH	Protection against excessively high temperatures when the ambient temperature rises above 38°C	
E1	Temperature and humidity sensor defective	Check the connection or replace the sensor. Clean or replace the temperature sensor.
FL	Condensate tank full	Please empty the condensation tank and reinsert it.

Coloured status indicator:

- Ambient humidity < 44% = blue light
- Ambient humidity between 45% <> 60% = green light
- Ambient humidity > 66% = red light
- If the display shows CL, CH, E1 or FL = red light

Other:

Warranty statement:

Notwithstanding statutory warranty claims, the manufacturer grants a warranty in accordance with the laws of your country, but for at least 1 year (in Germany 2 years for private individuals). The warranty period begins on the date of sale of the device to the end consumer.

The warranty covers only defects attributable to material or manufacturing faults.

Warranty repairs may only be carried out by an authorised customer service centre. To claim your warranty, please enclose the original sales receipt (with date of sale).

The following are excluded from the warranty:

- Normal wear and tear
- Improper use, such as overloading the device or using unauthorised accessories
- Damage caused by external influences, use of force or foreign objects
- Damage caused by failure to follow the operating instructions, e.g. connection to the wrong mains voltage or failure to observe the installation instructions
- Devices that have been completely or partially dismantled

Long-term storage:

If you do not use the device for a longer period of time (more than a few weeks), it is best to clean and dry it completely. Please store the device according to the following steps:

- Press the power button to turn off the appliance and unplug it.
- Drain any remaining water from the appliance.
- Clean the filter and leave it in a shaded place to dry completely.
- Replace the filter in its original position.
- The appliance must be stored in an upright position.

Compliance:

The dehumidifier has been tested and manufactured, and/or parts thereof, in accordance with the following (safety) standards:

CE conformity is a matter of course.

CE (LVD) compliance tested according to: EN 60335-1:2012+A11+A13+A1+A14+A2+A15+A16
EN 60335-2-40:2003+A11+A12+A1+A2+A13
EN 62233:2008
AfPS GS 2019:01 PAH
EK1 527-12 Rev. 2

CE (EMC) compliance tested according to: EN IEC 55014-1:2021
EN IEC 55014-2:2021
EN IEC 61000-3-2:2019+A1
EN 61000-3-3:2013+A1+A2

RED compliance tested according to: EN 300 328 V2.2.2:2019
EN 301 489-1 V2.2.3:2019
EN 301 489-17 V3.2.4:2020
EN IEC 62311:2020
EN IEC 55014-1:2021
EN IEC 55014-2:2021
EN 61000-3-3:2013+A1+A2
EN IEC 61000-3-2:2019+A1
EN 18031-1:2024

- Health and safety requirements pursuant to Article 3.1 a)
- Electromagnetic compatibility, Article 3.1 b)
- Efficient use of the radio frequency spectrum Article 3.2
- Network protection pursuant to Article 3.3 d)

Correct disposal of this product:



Within the EU, this symbol indicates that this product must not be disposed of with household waste. Old devices contain valuable recyclable materials that should be recycled. In addition, the environment and human health should not be harmed by uncontrolled waste disposal. Therefore, please dispose of old appliances via suitable collection systems or send the appliance to the place where you purchased it for disposal. They will then recycle the appliance.


We hope you enjoy using this appliance.

Aktobis AG

Keep these instructions for use in a safe place!

[illegible]