SENCOR®

SDH 6025WH

EN

SMART MOBILE DEHUMIDIFIER 60L WI-FI

Translation of the original manual

SENCOR®

SDH 6025WH

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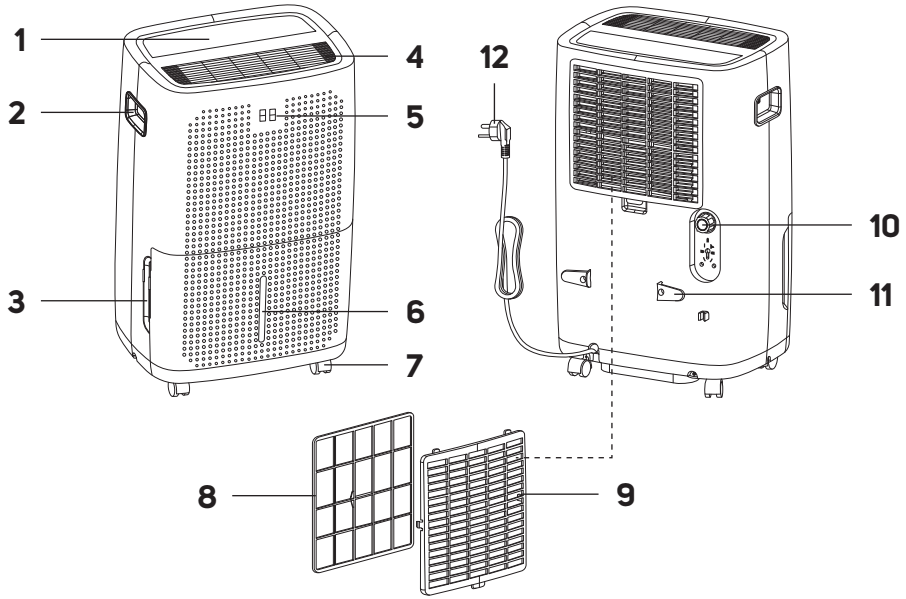
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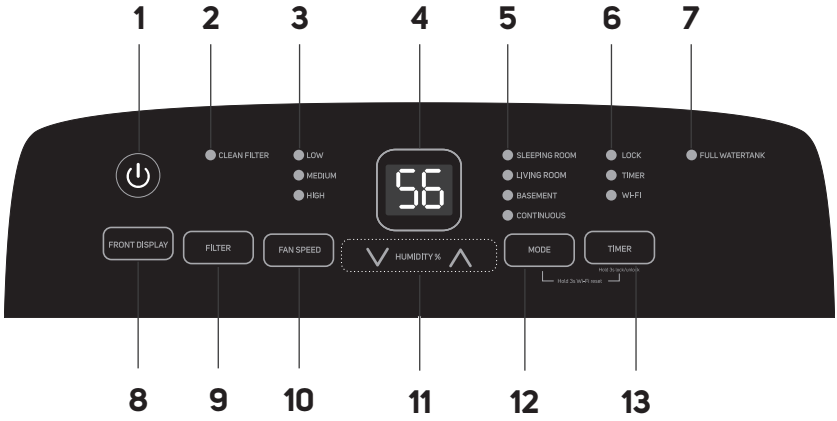
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CONTINUOUS
LOCK
TIMER
WI-FI
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FRONT DISPLAY
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FAN SPEED
HUMIDITY %
MODE
TIMER
8
9
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11
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13

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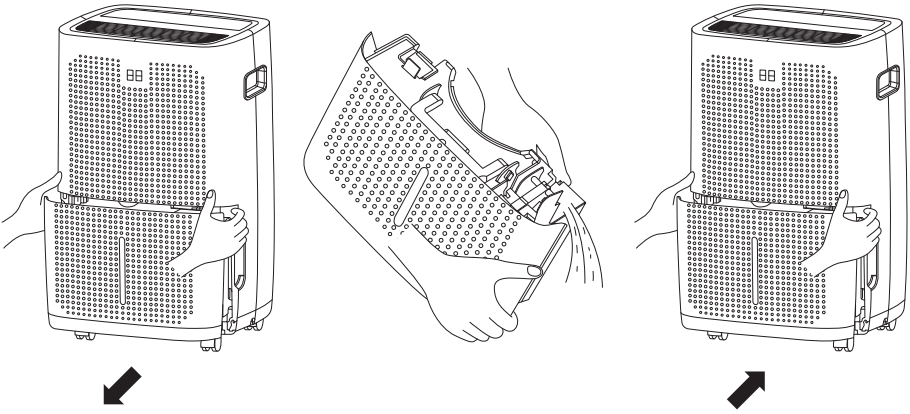

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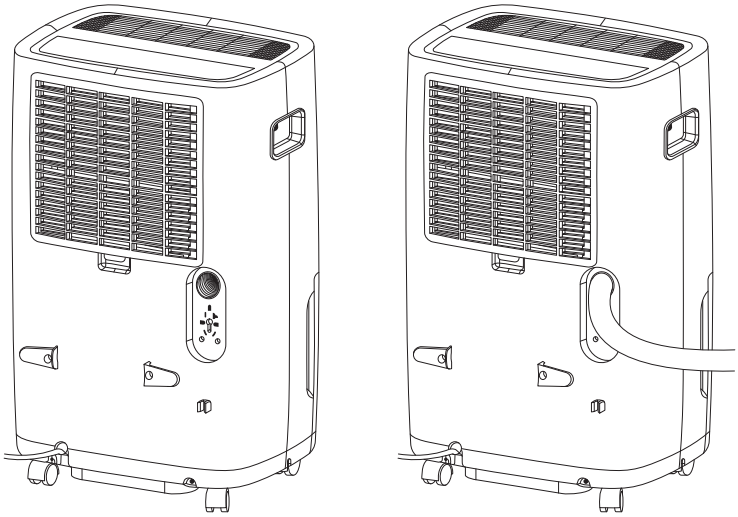

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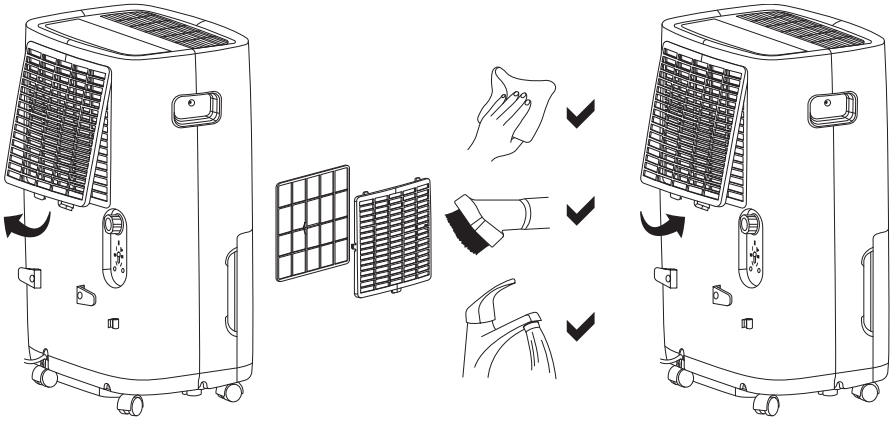

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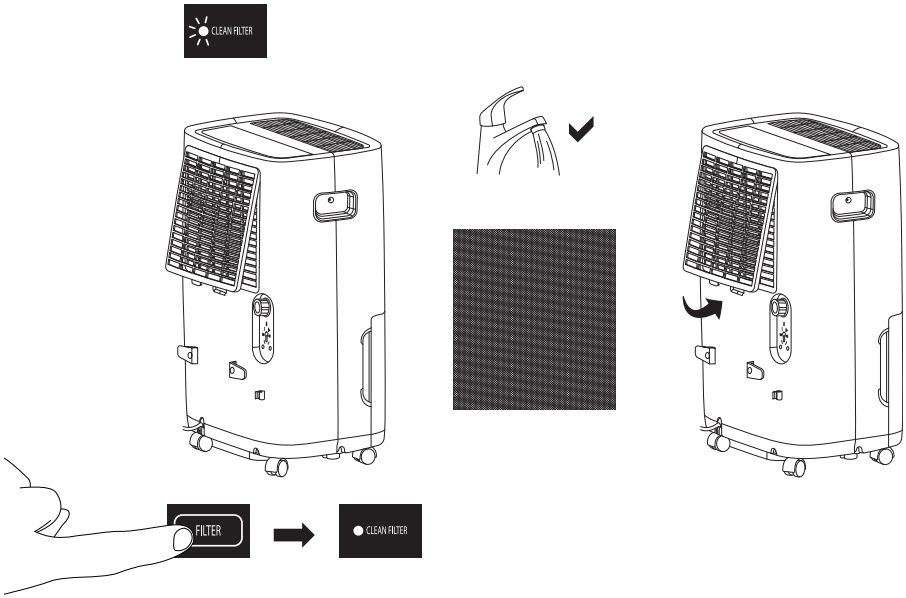

EN Smart Mobile Dehumidifier 60l Wi-Fi
User Manual

IMPORTANT SAFETY INSTRUCTIONS

READ CAREFULLY AND STORE FOR FUTURE USE.

- This appliance may be only used by children aged 8 years and older and by persons with physical, sensory or mental impairments or lack of experience and knowledge, if they are supervised or have been instructed on the safe use of the appliance and understand the potential hazards.
- Cleaning and maintenance must not be performed by unsupervised children. Children must not play with the appliance.
- If the power cord is damaged, it must be replaced by an authorised service centre or by another similarly qualified person, this will prevent the creation of a dangerous situation. It is forbidden to use the appliance if it has a damaged power cord.
- The appliance must be installed in accordance with national installation codes.
- The appliance must be stored in a manner that prevents its mechanical damage.
- The appliance must be stored in a well ventilated location, where the dimensions of the room must correspond to the dimensions specified for its operation.
- The appliance must be stored in a room where an open flame is not continuously in use (e.g. running gas

appliance) or where there are sources of ignition (e.g. running electrical heating element).

- Before connecting the appliance to a power socket, check that the rated voltage on its rating label matches the electrical voltage in the power socket.
- Connect the appliance only to a properly earthed socket.
- The power socket must be freely accessible so that it is possible to quickly disconnect the power cord from the power source if necessary.
- The appliance is designed for use in household, offices and similar types of areas. Do not use it in rooms where it could be exposed to dripping or spraying water, where it could be exposed to direct sunlight, in areas where chemical or explosive substances are stored, in industrial surroundings or outdoors. Do not use it in the vicinity of a bath, shower, swimming pool, etc.
- Keep the appliance away from open flames or heat sources.
- Do not place the appliance on unstable surfaces such as carpets with very long and thick fibres.
- The appliance may only be used on a dry, stable, smooth and horizontal surface.
- The appliance is equipped with travel wheels so pay extra attention when handling it so that it does not fall down stairs or travel down from sloped areas. If necessary secure the wheels using the stoppers.
- Only use original parts to assemble the appliance. Before starting to assemble the appliance, make sure that it is turned off and disconnected from the power socket.
- Prior to connecting the appliance to a power socket, make sure that the appliance is correctly assembled according to the instructions in this user's manual.
- Do not touch the appliance with wet or damp hands. This applies especially when it is connected to a power socket.
- Do not submerge the appliance in water or in any other liquid.
- Do not cover or insert anything into the air inlet or air outlet openings. This could damage the appliance.
- During operation, there must be sufficient space for air circulation with at least 30 cm of free space on all sides.
- Do not expose yourself to a cold air current for a long time. This could have a negative effect on your health.
- To turn the appliance on or off, always use the appropriate buttons on the control panel. Do not turn off the appliance by disconnecting the power cord from the power socket.
- Always turn off the appliance and disconnect it from the power socket when leaving it without supervision, when not using it and before moving, disassembling or cleaning it.
- Do not attempt to remove the outer case of the appliance.
- Unplug the appliance from the power socket by pulling the plug, not the power cord. Otherwise, damage to the power cord or the socket could occur.
- Do not use the appliance if damaged in any way, or with a damaged mains cable or plug.
- Store the appliance in a vertical position. It may only be transported in the vertical position. If you have already used the appliance, check that all the condensate has been drained. After transporting it, wait at least 1 hour before using the appliance.
- Do not use the appliance if it is not working correctly, if it has been damaged or has been submerged in water. To avoid a hazardous situation arising, do not repair the device yourself or modify it in any way. All repairs should be carried out by an authorised service centre. Tampering with the appliance may result in the loss of your legal rights regarding faulty performance or warranty for quality.
- This appliance is intended for use by experts or trained personnel in stores, light industry and in agriculture, or for commercial use by ordinary people.

Read this user's manual carefully prior to installing or operating your new appliance. Make sure to keep it for future reference.

Read the technical documentation.

Read the user's manual.

Fire hazard

The appliance contains a flammable refrigerant. It is necessary to adhere to safety instructions.

SERVICE MANUAL

- The service manual is intended only for a qualified person who is authorized to handle flammable refrigerants.

1.1 Checking the area

Before starting work on a system containing flammable refrigerants, safety checks are necessary to ensure that the risk of ignition is minimized. When repairing the cooling system, the following precautions must be taken before carrying out work on it.

1.2 Working procedure

The work must be carried out in a controlled manner so as to minimize the risk of flammable gases or vapours being present when the work is carried out.

1.3 Overall working space

All maintenance personnel and other on-site workers must be instructed about the nature of the work being done. Work in confined spaces must be avoided. The area around the workplace must be divided into sections. It must be ensured that the conditions inside the space are safe by carrying out a check of flammable materials.

1.4 Checking the presence of refrigerant

The space must be inspected by an appropriate refrigerant detector before and during operation to ensure technicians are aware of potentially flammable atmospheres. It must be ensured that the leakage detection equipment used is suitable for use on flammable refrigerants, i.e. non-sparking, adequately sealed or intrinsically safe.

1.5 Presence of fire extinguisher

If any hot work is to be carried out on the refrigeration equipment or associated parts, suitable fire extinguishing equipment must be at hand. The fire extinguisher must be powder or CO_2 in the vicinity of the filling area.

1.6 No ignition sources

No person carrying out work on a refrigeration system involving the stripping of any pipework containing or having contained flammable refrigerant shall use any sources of ignition in such a way as to result in a risk of fire or explosion. All possible ignition sources, including cigarette smoking, should be kept sufficiently away from the installation, repair, removal and disposal sites during which the flammable refrigerant may eventually be discharged into the surrounding area. Before work is carried out, the area around the equipment must be inspected to ensure that there are no burning or ignition hazards. "No smoking" signs must be displayed.

1.7 Ventilated Space

It must be ensured that the space is open or adequately ventilated before the system is disrupted or hot work is carried out. The ventilation intensity must last for the duration of the work. Ventilation should safely disperse any discharged refrigerant and preferentially take it out into the atmosphere.

1.8 Checks of refrigerating equipment

Where electrical components are changed, the components shall be suitable for this purpose and comply with the correct specification. Always follow the manufacturer's instructions for maintenance and service. If doubts arise, the technical department of the manufacturer must be consulted for assistance.

For installations containing flammable refrigerants, the following checks must be carried out:

- the size of the refill is consistent with the size of the room in which the refrigerant-containing parts are installed;
- ventilation units and outlets work at full capacity and are not clogged;
- if an indirect refrigerant circuit is used, the second circuit must be checked for the presence of refrigerant;
- the marking of the device must always be visible and legible; markings and marks that are not legible must be repaired;
- cooling pipes or components are installed in places where they are unlikely to be exposed to any substances that may corrode the components containing the refrigerant, unless these components are constructed of materials that are internally resistant to corrosion or are suitably protected against corrosion.

1.9 Electrical Instrument Inspection

Repairs and maintenance of electrical components must include safety checks and inspection of components.
If a fault occurs that could compromise safety, then no electrical power must be connected to the circuit until the fault is satisfactorily resolved.
If the malfunction cannot be corrected immediately but work must be continued, an appropriate temporary solution must be used. This must be communicated to the owner of the device so that all parties are aware of it.

Initial security checks must ensure:

- that the capacitors are discharged: this must be done in a safe manner to avoid the possibility of sparks;
- that no electrical components and lines are exposed during filling, refreshing and cleaning of the system;
- that the grounding is not broken.

2. Servicing of sealed components

During repairs of sealed components, all electrical power must be disconnected from the equipment being worked on before the sealed lids are removed, etc. If it is absolutely necessary to have electrical power at the equipment during service, then a permanently operating leak detection device must be placed at the most critical point to warn of a potentially hazardous situation.
Particular care must be taken to ensure that work on electrical components has not altered the enclosure to such an extent as to affect the level of protection. This must include damage to cables, excessive number of connections and terminals not made according to the original specification, damage to seals, improper implementation of seals, etc.
It must be ensured that the appliance is mounted securely.
It must be ensured that the gaskets or sealing materials are not deteriorated so that they no longer serve the purpose of preventing the ingress of flammable environments. Replacement parts must be in accordance with the manufacturer's specifications.

Note:

The use of a silicone seal may inhibit the effectiveness of some types of leak detection devices. Internally safe components do not need to be disconnected before they can be worked on.

3. Service of intrinsically safe components

No permanent inductive or capacitive load shall be applied to the circuit without ensuring that the permissible voltage and current permitted for the equipment in use are not exceeded.
Internally safe components are the only types that can be worked on in a flammable environment, even if they are alive. The test apparatus must be correctly dimensioned.
Parts are replaced only by parts specified by the manufacturer. Other parts may result in ignition of the refrigerant during leakage into the environment.

4. Cabling

It shall be checked that the wiring is not exposed to wear, corrosion, excessive pressure, vibration, sharp edges or any other adverse effects of the environment. The check must also take into account the effects of ageing or permanent vibrations from sources such as compressors or fans.

5. Use of flammable coolant

Under no circumstances should potential sources of ignition be used to search for or detect refrigerant leaks.
The halogen burner (or any other detector using an open flame) shall not be used.

6. 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 adequate or may require recalibration. (The detection device must be calibrated in a refrigerant-free compartment.) It must be ensured that the detector acquires a potential source of ignition and that it is suitable for the refrigerant used. The leak detection device must be set to a percentage of refrigerant LFL and must be calibrated to the refrigerant used and the appropriate percentage of gas confirmed (maximum 25%).
Leak detection fluids are suitable for use with most refrigerants, but the use of chlorine-containing detergents must be excluded as chlorine may react with the refrigerant and corrode copper piping.
If leakage is suspected, all open fires must be removed/extinguished.
If a refrigerant leakage is found, which requires brazing, all refrigerant must be removed from the system or separated (by closing the valves) in the part of the system away from the leakage. The system must then be purified with oxygen-free nitrogen (OFN), both before and after the brazing process.

7. Removal and draining

Conventional procedures must be used when the cooling circuit is disrupted for repairs – or for any other reason. However, it is important to stick to the best method because of the flammability. The following procedure must be followed:

- remove refrigerant;
- clean the circuit with inert gas;
- drain;
- clean again with inert gas;
- open the circuit by cutting or brazing.

The circuit filling must be removed to the correct sampling cylinders. The system must be "flooded" with OFN (oxygen-free nitrogen) to make the unit safe. The procedure may need to be repeated several times. Compressed air or oxygen must not be used for this task.
Flooding can be achieved by disrupting the vacuum in the system with using OFN and continuing filling until the operating pressure is reached, then venting into the air and finally reducing to a vacuum. This process must be repeated as long as the refrigerant is in the system. When the last refill of OFN is used, the system must be vented to atmospheric pressure to allow the work to be carried out. This operation is absolutely necessary if brazing is to be carried out on the pipeline.
It must be ensured that the outlets for the pump are not close to any source of ignition and that ventilation is provided.

8. Filling procedure

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

- It must be ensured that there is no contamination by various refrigerants when using the filling device. Hoses or pipes must be as short as possible to minimize the amount of refrigerant contained in them.
- The cylinders must be held vertically.
- Ensure that the cooling system is earthed before filling the system with refrigerant.
- When filling is complete, the system must be labelled (if it is not already).
- Extreme care must be taken not to overfill the cooling system.

Before refilling the system, it must be pressure tested with OFN. The system must be tested for leakage after filling but before commissioning.
A verification test must be carried out before leaving the assembly site.

9. Decommissioning

Before performing this procedure, it is essential that the technician is fully acquainted with the equipment and all its details. Good practice is recommended to remove all refrigerant safely. Oil and refrigerant samples must be taken if analysis is required before the regenerated refrigerant can be reused. It is essential that electricity is available before starting this activity.

a) Familiarization with the equipment and its operation.
b) Electrical disconnection of the system.
c) Before starting the procedure, ensure that:
   – a mechanical device for handling the refrigerant cylinders was available, if required;
   – all personal protective equipment was available and used correctly;
   – the decommissioning procedure was constantly supervised by a competent person;
   – the sampling device and the cylinders comply with the relevant standards.
d) Drain the cooling system if possible.
e) If it is not possible to achieve a vacuum, a collection pipe is made so that the refrigerant can be taken from the different parts of the system.
f) Ensure that the cylinder is placed on the scales before the sampling takes place.
g) The sampling device is switched on and the work is carried out according to the manufacturer's instructions.
h) The cylinders will not overfill. (No more than 80% of the liquid content of the cartridge.)
i) The maximum working pressure of the cylinder shall not be exceeded, even temporarily.
j) When the cylinders are properly filled and the procedure is completed, ensure that the cylinders and equipment are immediately removed from the installation site and all isolation valves on the equipment are closed.
k) The removed refrigerant must not be filled into another refrigeration system until it has been cleaned and inspected.

10. Label precautions

- The device must be provided with a label stating that it has been decommissioned and is free of refrigerant. The label must be dated and signed. Ensure that the equipment bears labels indicating that the equipment contains a flammable refrigerant.

11. Removing

- When the refrigerant is removed from the system, either for service or for decommissioning, good practice is recommended that all refrigerants are removed safely.
- When transferring the refrigerant to the cylinders, it must be ensured that only appropriate cylinders are used to remove the refrigerant.
- It must be ensured that the correct number of cylinders is available to accommodate the total system load. All cylinders to be used must be designed for the refrigerant to be removed and marked with a label for this refrigerant (i.e. special cylinders for refrigerant removal). The cylinders must be complete with safety valve and associated shut-off valves in good operating condition. Empty sampling cylinders are drained and cooled down if possible prior to collection.
- Sampling devices must be in good working order with a set of instructions related to the devices that are at hand and must be suitable for removing flammable refrigerants. In addition, a set of calibrated scales in good operating condition must be available. The hose must be complete with detachable couplings without leakage and in good condition. Before using the sampling device, it shall be checked that it is in satisfactory operating condition, has been properly maintained and that all associated electrical components are sealed to prevent ignition in the event of refrigerant discharge. If in any doubt, the manufacturer shall be consulted.
- The collected refrigerant must be returned to the refrigerant supplier in the correct collection cylinder and with the appropriate agreed waste transfer letter. Refrigerants are not mixed in the sampling units, and especially not in the cylinders.
- If compressors or compressor oils are to be removed, ensure that they have been drained to an acceptable level to ensure that no flammable refrigerant remains in the lubricant. The draining procedure must be carried out before the compressor is returned to the supplier. Only electric heating of the compressor body must be used to speed up this process. When oil is drained from the system, it must be safely removed.

SPECIFIC INFORMATION FOR APPLIANCES USING REFRIGERANT GAS R290

- Carefully study all the warnings.
- For defrosting and cleaning, do not use any other tools than those recommended by the manufacturer.
- The appliance must be stored in a room where there are no sources of ignition (e.g. open flame, gas appliance in operation, electrical heating equipment in operation) in continuous operation.
- Do not puncture or burn the cooling circuit.
- It is necessary to take into consideration that refrigerants may be odourless.
- The appliance must be installed, operated and stored in a room with a floor area greater than 3 m^2.
- This appliance contains 150 g of the R290 refrigerant gas.
- R290 is a refrigerant gas that meets European environmental protection directives. Do not drill into or damage any part of the cooling circuit.
- Sufficient ventilation must be provided in the room where this appliance is installed operated or stored. Otherwise, there is a risk of an explosion or fire in the event that leaked refrigerant ignites, e.g. when a gas cooker is turned on, etc.
- The appliance must be stored in such a manner that its mechanical damage is prevented.
- Persons working with or repairing cooling circuits must have appropriate authorisation issued by an authorised institution that certifies this person's competence to work with refrigerants in accordance with the specific assessment of the association for this sector.
- Maintenance tasks must be performed solely on the basis of the recommendations of this appliance's manufacturer. Maintenance and repair tasks that required the contribution of other qualified expert personnel may only be performed under the supervision of specialised experts in the flammable refrigerants sector.
- Check the rating label for the type of refrigerant gas used in your appliance.
- Do not cover the vents.
- Adhere to national codes relating to gas.

EXPLANATION OF SYMBOLS PLACED ON THE PRODUCT OR IN THE ACCOMPANYING DOCUMENTATION

The product meets all the basic requirements of the applicable EU directives.

This symbol on products or accompanying documents means that used electric or electronic products must not be added to ordinary municipal waste.

EN Smart Mobile Dehumidifier 60l Wi-Fi
User Manual

- Thank you for purchasing our SENCOR product; we hope it will serve to your satisfaction.
- Prior to using this appliance, please read the user manual thoroughly, even in cases when you are already familiar with the use of similar types of appliances. Use the appliance only as described in this user manual. Keep the manual for future reference. If you pass the appliance on to another person, ensure that this user manual is included.
- Carefully unpack the appliance and make sure not to discard any part of the packaging material until you have removed all its components. It is recommended that you keep the original packaging, packing material, receipt and confirmation of the extent of the seller's liability or warranty certificate at least for the duration of the legal right to file a defect claim or the quality warranty. When transporting the appliance, we recommend repackaging it in the original box provided by the manufacturer.

DESCRIPTION OF THE APPLIANCE

A1 Control panel
A2 Handles (located on both sides)
A3 Condensate tank
A4 Air outflow
A5 Display of the front panel
A6 Water mark
A7 Castors
A8 Microfilter
A9 Air intake grille with microfilter
A10 Drain hose connection outlet
A11 Power cord holder
A12 Power cord
Without illustration: drain hose, carbon filter

DESCRIPTION OF THE CONTROL PANEL

B1 ⏻ button is used to turn on/off
B2 **CLEAN FILTER** indicator light is used to warn you about cleaning the carbon filter
B3 Speed indicator light (LOW – MEDIUM – HIGH)
B4 Control panel display
B5 Operating mode indicator lights
B6 Child lock (LOCK), timer and Wi-Fi indicator lights
B7 **FULL WATERTANK** indicator light is used to alert you to a full condensate tank
B8 **FRONT DISPLAY** button is used to switch the display on the front panel on/off
B9 **FILTER** button
B10 **FAN SPEED** button to set fan speed
B11 **HUMIDITY %** buttons are used to set the target humidity
B12 **MODE** button: used to select the operating mode
B13 **TIMER** button is used to turn the timer/child lock of the control panel on/off

Note:
By holding down the **MODE** and **TIMER** buttons for 3 seconds at the same time you reset the Wi-Fi.

INTENDED USE

- The dehumidifier is used to reduce the humidity in the room.

BEFORE FIRST USE

- Before first use, remove the appliance and its accessories from the packaging and discard all promotional labels and tags. Check that neither the appliance nor any of its components is damaged.
- Pull out the condensate tank and remove the dehumidifier accessories from the condensate tank.
- After unpacking, let the dehumidifier stand for 2 to 3 hours to allow the refrigerant in the cooling circuit to settle.
- Transport the dehumidifier only in the vertical position. We do not recommend transporting it in a horizontal position or tilting it.
- Wipe the outer surface of the dehumidifier with a dry cloth.

Note:
Do not travel over carpets, door thresholds or other obstacles with the wheels. This may lead to their damage. Do not move the appliance when the condensate tank is full.

INSTALLATION LOCATION OF THE APPLIANCE

- Locate the appliance on an even, dry and stable surface within reach of a properly grounded power socket.
- Do not use the appliance outdoors.
- To ensure adequate air circulation, leave at least 20 cm of free space around and above the appliance.
- Place the appliance in a room where the temperature does not fall below 5 °C. Frost could form in the appliance if the temperature drops below 5 °C and the appliance would need to be defrosted.
- Do not locate the appliance in the vicinity of dryers, heating devices and other sources of heat. Avoid location in direct sunlight.
- Do not use the appliance in locations where humidity could damage books or other valuable items.
- The appliance must be used in a closed room in order to ensure its maximum effectiveness. Therefore, close the doors and windows of the given room.

OPERATING THE APPLIANCE

- The dehumidifier is used to reduce the humidity in a room, e.g. to dry out flooded cellars, rooms with increased humidity, etc. Do not use it in areas where substances or objects are stored that require precise temperature and humidity control in the room.
- Use the appliance at an ambient temperature between 7–35 °C and humidity between 30–80%. These values will ensure the most effective operation of the dehumidifier.
- Always wait at least 3 minutes before turning the appliance on again.
- Do not connect the appliance to a power socket to which another appliance is already connected. We recommend connecting the appliance to an independent circuit.
- Make sure that the condensate tank is correctly installed in the appliance, otherwise the appliance may not function correctly.

OPERATING THE APPLIANCE

- Make sure that the appliance is located in a suitable place and that it is correctly assembled. Then insert the power plug into a power socket. A sound alert will be heard. The dehumidifier is in stand-by mode. Only the ⏻ button will remain lit.

POWER ON/OFF

- Press the ⏻ button to turn on the dehumidifier. An audible warning will sound once.
- When you first turn the dehumidifier on, it will automatically start in the default dehumidification mode (default relative humidity 50%, low fan speed). The display will show the humidity in the room and the fan will start running.
- The next time you turn it on, the dehumidifier will start in the mode and settings (except for the timer) in which you turned it off.
- If you need to switch off the appliance, press the ⏻ button. The dehumidifier is now in stand-by mode.

- If you need to turn the appliance off completely, pull the power plug out of the power socket.
- The operation of the dehumidifier will stop automatically if the condensate tank is full or incorrectly installed.

Note:
Warm air may escape from the air outlet during the operation of the dehumidifier. This is normal.

DEHUMIDIFICATION MODE (TARGET HUMIDITY SETTING)

- This mode is suitable for normal everyday use, when the dehumidifier will maintain the set target humidity in the room.
- Turn on the dehumidifier.
- Use the ⋁ HUMIDITY % ⋀ buttons to set the target humidity. It will briefly appear on the display. The current humidity in the room will then be displayed. You can set the target humidity from 35 to 80% at 5% intervals.
- Press the **FAN SPEED** button repeatedly to select the fan speed: low (LOW indicator light will light up) – medium (MEDIUM indicator light will light up) – high (HIGH indicator light will light up).
- When the sensor detects that the humidity in the room has reached the set humidity, the operation of the dehumidifier is interrupted, the compressor stops immediately, the fan will be in operation for about 3 more minutes.
- As soon as the sensor detects that the humidity in the room has increased by 5%, the dehumidifier will start up again.

SLEEPING ROOM MODE (DEHUMIDIFYING DURING SLEEP)

- This mode is suitable for dehumidifying in bedrooms or other places while you sleep. It is characterized by quiet operation so as not to disturb sleep, and reduced performance where dehumidification is slower but smooth. Power consumption is also optimized in this mode.
- The fan speed and target humidity are set automatically and cannot be changed. The target humidity is set to 55%.
- Turn on the dehumidifier.
- Press the **MODE** button repeatedly until the **SLEEPING ROOM** indicator light lights up.
- If you need to exit this mode, select a different operating mode or use the ⋁ HUMIDITY % ⋀ buttons to set the target humidity.

LIVING ROOM MODE (DEHUMIDIFYING IN LIVING ROOMS)

- This mode is suitable for dehumidification in living rooms such as living room, kitchen, etc. It is suitable for everyday use as it maintains a comfortable humidity level (between 45–55% RH). The fan speed adapts to the current air humidity, i.e. the higher the humidity, the higher the fan setting the dehumidifier selects to quickly and effectively reduce the humidity in the room to a comfortable level.
- The fan speed and target humidity are set automatically and cannot be changed. The target humidity is set to 50%.
- Turn on the dehumidifier.
- Press the **MODE** button repeatedly until the **LIVING ROOM** indicator light lights up.
- If you need to exit this mode, select a different operating mode or use the ⋁ HUMIDITY % ⋀ buttons to set the target humidity.

BASEMENT MODE (BASEMENT DEHUMIDIFICATION)

- This mode is suitable for dehumidification in colder and wetter areas, such as basements, garages or rooms with poor ventilation. The dehumidifier is automatically set to maximum power to reduce humidity as quickly as possible.
- The fan speed and target humidity are set automatically and cannot be changed. The target humidity is set to 45%.
- Turn on the dehumidifier.
- Press the **MODE** button repeatedly until the **BASEMENT** indicator light lights up.
- If you need to exit this mode, select a different operating mode or use the ⋁ HUMIDITY % ⋀ buttons to set the target humidity.

CONTINUOUS mode (CONTINUOUS DEHUMIDIFICATION)

- This mode is suitable for ensuring constant removal of air humidity. We recommend connecting the drain hose to ensure constant drainage of condensate – see chapter "**CONTINUOUS CONDENSATE DRAINING VIA THE DRAIN HOSE**" for more information.
- Turn on the dehumidifier.
- Press the **MODE** button repeatedly until the **CONTINUOUS** indicator light lights up.
- If you need to exit this mode, select a different operating mode or use the ⋁ HUMIDITY % ⋀ buttons to set the target humidity.

AUTO SHUT-OFF

- The dehumidifier is equipped with automatic turn-off feature after the set time.
- While the dehumidifier is in operation, press the **TIMER** button. The display will flash.
- Use the ⋁ HUMIDITY % ⋀ buttons to set the desired time for automatic shut-off between 0.5 and 24 hours. From 0.5 to 10 hours set the auto turn-off time by 0.5 hour, from 10 to 24 hours set the auto turn-off time by 1 hour.
- Wait for, the setting to be stored in memory and countdown starts. The Timer indicator light will light up.
- Once the set time elapses, the humidifier will automatically turn off and switch to standby mode.
- If you need to cancel the countdown, press the **TIMER** button and the Timer indicator light will turn off.

AUTO TURN-ON

- The dehumidifier is equipped with automatic turn-on feature after the set time.
- While the dehumidifier is turned off, press the **TIMER** button. The display will flash.
- Use the ⋁ HUMIDITY % ⋀ buttons to set the automatic turn-on time between 0.5 and 24 hours. From 0.5 to 10 hours set the auto turn-on time by 0.5 hour, from 10 to 24 hours set the auto turn-on time by 1 hour.
- Wait for, the setting to be stored in memory and countdown starts. The Timer indicator light will light up.
- As soon as the set time has elapsed, the dehumidifier will turn on in the set mode.
- If you need to cancel the countdown, press the **TIMER** button and the Timer indicator light will turn off.

CHILD LOCK

- The child lock allows you to lock the control panel to prevent unwanted or sudden changes to the dehumidifier settings.
- Press and hold down the **TIMER** button for about 3 seconds. The **LOCK** indicator light will light up. No buttons will function.
- To deactivate the child safety lock, press and hold the **TIMER** button again for 3 seconds. The **LOCK** indicator light will turn off.

DISPLAY OF THE FRONT PANEL

- Press the **FRONT DISPLAY** button to turn the display on/off on the front panel. This displays the same data as the display on the control panel:
- humidity in the room (when the dehumidifier is in operation);
- the set target humidity;
- the set time on timer;
- 20, if the relative humidity in the room drops below 20%;
- 90, if the relative humidity in the room exceeds 90%.

FULL TANK INDICATOR (Fig. C)

- If the condensate tank becomes full while the dehumidifier is in operation, 3 beeps will sound, the compressor and the fan will stop running (the fan will stop running after a few minutes), an audible warning will sound and the **FULL WATERTANK** indicator light will flash on the control panel.
- Carefully pull the tank from the front part of the dehumidifier with both hands and pour out the condensate. Wipe the tank clean with a dry cloth and place it back in place. Make sure that the condensate tank is inserted properly. If the tank is not inserted correctly, the dehumidifier will not start.
- When the condensate tank is reinstalled, the dehumidifier will automatically resume operation.

Note:
The fan will stop running after a few minutes if a sound alerts to a full tank.

Caution:
Do not place a full tank on an unstable or slanted surface. There is a risk that the tank will overturn and the contents will spill on the floor.

CONTINUOUS CONDENSATE DRAINING VIA THE DRAIN HOSE (Fig. D)

A drain hose must be connected for continuous condensate drainage. Follow these steps:

1. Unscrew the outlet plug on the back of the dehumidifier. Store the cover in a safe place so you can put it back after use.
2. Insert the end of the drain hose into the outlet. The internal diameter of the drain hose is 10 mm. Make sure the hose end is properly inserted to prevent condensate leakage.
3. Locate the free end of the hose so that the condensate can flow out freely. The container or the place where the condensate is drained must be lower than the outlet. Do not bend the hose excessively. Guide it in such a way that it cannot be trampled or tripped over.

Note:
When not using the drain hose for continuous draining of condensate, remove it and wipe away any water.

Caution:
If the dehumidifier is not installed on a flat surface or the drain hose is not installed correctly, the dehumidifier will drain the condensate into the container.

AUTO DEFROST

- When frost accumulates on the evaporator coils, the compressor stops running, but the fan stays on until the frost is removed.
- When fully defrosted, the compressor will automatically restart and the dehumidification will resume.

OPERATION USING THE MOBILE APPLICATION

- The dehumidifier can be controlled via the Sencor HOME application.
- Download the application to your smart phone, register yourself and control the dehumidifier via the application.

- If you already have the application installed, add the dehumidifier to your devices. It is necessary that the location services for the Bluetooth function on the mobile phone are turned on.

Adding the Dehumidifier to the Device List via Bluetooth

You can add the dehumidifier to the Sencor HOME application by pairing it via Bluetooth.

1. Switch on the Bluetooth function on your mobile phone.
2. Turn on the dehumidifier.
3. Reset Wi-Fi. Press the **MODE** and **TIMER** buttons for 3 seconds until the Wi-Fi indicator light starts flashing.
4. Open the application and click the "+" icon on the application's home page, then click "Add Device".
5. The application itself will offer the device you are looking for.
6. Click on "Add Device" and the application will automatically guide you through adding it.

Note:
If the Bluetooth connection fails or is not possible, make sure there are no solid obstacles between your phone and the convector and that the two devices are close together.

Adding the Dehumidifier to the Device List via a QR code

The dehumidifier can also be added to the Sencor HOME application using the QR code provided below.

1. On the home screen of the application, click on the "+" icon and on the Add device screen, click on the [–] icon in the top right corner.
2. You will be prompted to reset the device. Press the **MODE** and **TIMER** buttons for 3 seconds at the same time until the Wi-Fi indicator light starts flashing. This means that the dehumidifier is ready to be paired. Instructions can also be found on the application screen.
3. In the application, confirm that the (Wi-Fi) light is blinking, then click "Next".
4. On the next screen, you will be prompted to select a Wi-Fi network. Select the network, enter your password and click "Next".
5. The process of adding the device starts. Wait until the convector is paired.
6. In the device list on the main screen, click on the icon of the dehumidifier to enter control interface.

QR Code for Adding the Control Panel of the Dehumidifier to the Sencor HOME App

Manually Adding the Dehumidifier to the Device List

1. On the main screen, click on "Add Device" or the "+" in the top right corner, and then click on "Add Device".
2. A screen with appliance categories and a list of appliances will appear.
3. Click on "Dehumidifier" and select the dehumidifier model from the product list.
4. You will be prompted to reset the device. Press the **MODE** and **TIMER** buttons for 3 seconds at the same time until the Wi-Fi indicator light

starts flashing. This means that the dehumidifier is ready to be paired. Instructions can also be found on the application screen.
5. In the application, confirm that the (Wi-Fi) light is blinking, then click "Next".
6. On the next screen, you will be prompted to select a Wi-Fi network. Select the network, enter your password and click "Next".
7. The process of adding the device starts. Wait until the convector is paired.
8. In the device list on the main screen, click on the icon of the dehumidifier to enter control interface.

Wi-Fi reset

- Press the **MODE** and **TIMER** buttons for 3 seconds at the same time.

Note:
Always connect the dehumidifier to the 2.4 GHz network. If you are using a 5 GHz Wi-Fi network, switch to a 2.4 GHz network.

CLEANING AND MAINTENANCE

- Disconnect the power plug from the power socket before cleaning.

Note:
Do not use abrasive cleaning agents, solvents, etc. to clean any parts of the appliance, as these could damage the surface.

Caution:
To prevent the risk of electric shock, do not immerse the appliance, power cable, or plug into water or any other liquid.

Cleaning the Condensate Tank

- Empty out the condensate tank whenever you finish using the appliance and wipe it using a wiping cloth.
- To prevent undesirable bacteria, micro-organism or moulds from multiplying inside the tank, clean it out at least once per month using a cloth dampened in lukewarm water with the addition of neutral detergent. Then rinse it out thoroughly using clean water, wipe it dry and insert it back into the appliance.
- Do not wash the condensate tank in a dishwasher.

Cleaning the Protective Grille with Microfilter (Fig. E)

- Check and clean the protective grille at least once every two weeks, or more often if you use the appliance every day.
- Remove the protective grille from the dehumidifier.
- You can remove the dust with soft cloth. If the filter grille is more heavily soiled, you can vacuum up the dust and dirt using the vacuum cleaner at its lowest setting with the upholstery brush fitted. Alternatively, you can soak the grille in warm water (water temperature maximum 40 °C) and use a soft sponge to clean it. Leave in a dry, shady and well-ventilated place to dry. Do not use a dryer or hair dryer to dry. Do not dry in direct sunlight. Make sure the grille is completely dry before inserting it into the appliance.
- Install back in place.

Caution:
Do not use the appliance without the properly installed protective grille. Do not wash the protective filter grille in a dishwasher.

Cleaning the Carbon Filter (Fig. F)

- After approximately 250 hours of operation, the **CLEAN FILTER** indicator light will light up, alerting you to the need to clean the carbon filter.
- Remove the protective grille from the dehumidifier and remove the carbon filter.
- Check whether the carbon filter is damaged or worn. In such a case, replace it with a new one.
- Wash the carbon filter in warm water (water temperature maximum 40 °C) using a soft sponge to clean it. Leave in a dry, shady and well-ventilated place to dry. Do not use a dryer or hair dryer to dry. Do not dry in direct sunlight. Make sure the carbon filter is completely dry before inserting it into the appliance.
- Insert the carbon filter and fit the protective grille.
- To reset the carbon filter counter, press the **FILTER** button, the **CLEAN FILTER** indicator light will turn off.

Caution:
Do not use the dehumidifier without a properly inserted carbon filter or with a damaged or worn carbon filter.

Cleaning the outer casing

- To clean the outer casing, use a cloth slightly dampened with lukewarm water and a little dishwashing liquid. Make sure that water does not enter into the vents. In the event that air inlet and outlet grilles are only dusty, a vacuum cleaner may be used to clean them.

STORAGE

- When not using the appliance for an extended period of time, disconnect the power plug from the power socket and clean it according to the instructions provided above.
- Clean the tank no sooner than 24 hours after turning the appliance off since a small amount of condensate may accumulate even during this time.
- Store the appliance in a dry, clean, and well-ventilated place away from extreme temperatures and out of the reach of children or pets.

TROUBLESHOOTING

Problem	Cause	Solution
The dehumidifier is emitting hot air.	This is normal. Dehumidified air passes through a heating element, whereby the air is heated up (without the cooling function).	
The dehumidifier didn't turn on.	The dehumidifier is not connected to a mains socket.	Insert the power plug into a properly grounded power socket.
	Condensate tank is full.	Empty the condensate tank.
	The condensate tank is not inserted correctly.	Insert the tank correctly into the dehumidifier.
	The dehumidifier is located in a room with a temperature below 7 °C or above 35 °C.	Move the dehumidifier to a room with a temperature above 7 °C and below 35 °C.
The dehumidifier is not removing humidity from the room.	The air outlet or air inflow is blocked.	Eliminate the cause of the blockage of the air outlet or inlet.
	The protective grille with carbon filter is dirty.	Clean the protective grille with carbon filter.
	High target humidity is set.	Lower the set humidity.
	Door or window is open.	Close the doors and windows of the room where the dehumidifier is located.
	There is a clothes dryer near the dehumidifier.	Place the dehumidifier away from this appliance.
The dehumidifier does not exhaust air.	The carbon filter is dirty.	Clean the carbon filter.

Problem	Cause	Solution
The dehumidifier has been in operation for a long time and the dehumidification result is not satisfactory.	The room is too big.	Use the dehumidifier in the room of the recommended size – see the technical specifications below.
	Door or window is open.	Close the doors and windows of the room where the dehumidifier is located.
The dehumidifier is noisy.	The dehumidifier is located on an uneven floor, is tilted, or is located on an unstable surface.	Place the dehumidifier on a flat, firm and stable surface.
	The protective grille with carbon filter is dirty.	Clean the protective grille with carbon filter.
There is water on the floor.	The drain hose is poorly connected.	Check the connection of the drain hose.
	The drain hose is damaged or worn.	Replace the drain hose.

In the event that the problem persists, or is not listed in the table above, stop using the appliance and contact an authorised service centre.

ERROR MESSAGES

Error Message	Defect description	Cause	Solution
E1	Air outlet temperature sensor malfunction	The sensor is damaged.	Contact an authorised service centre.
E2	Temperature coil sensor malfunction	The temperature sensor is damaged.	
EH	Fault on the humidity sensor	The humidity sensor is damaged.	

TECHNICAL SPECIFICATIONS

Power supply ..... 220–240 V~, 50 Hz
Dehumidification capacity ..... 60 l / 24 h (30 °C / 80% RH)
Rated power input ..... 800 W
Maximum power input ..... 900 W
Rated current ..... 3.5 A
Energy factor EEV ..... 3.12 l/kWh
Starting current ..... 3.9 A
Fuse type and current value ..... 250 V, 3,15 A
Tank capacity ..... 8 l
Refrigerant type and charge ..... R290 / 150 g
GWP (global warming potential) 3
CO_2 equivalent (t) 0
Air flow volume ..... 270 m^3/h
Max. suction pressure ..... 0.6 MPa
Max. discharge pressure ..... 1.8 MPa
Maximum permitted water pressure ..... 3.0 MPa
Noise level ..... 42.7 / 44.4 / 48.7 dB(A) (LOW / MID / HIGH)
Dimensions ..... 393 × 297 × 623 mm
Weight ..... 19 kg
Operating temperature ..... 7–35 °C
Recommended room size ..... 44–127 m^2

SENCOR hereby declares that the radio device type SDH 6025WH conforms to the 2014/53/EU directive. The full text of the EU Declaration of Conformity is available at: www.sencor.eu.

INSTRUCTIONS AND INFORMATION ON DISPOSAL OF USED PACKAGING MATERIAL

Dispose of used packaging material at the designated municipal waste disposal site.

DISPOSAL OF USED ELECTRICAL AND ELECTRONIC EQUIPMENT

Used electrical and electronic products must not be disposed of in ordinary municipal waste. To enable the proper disposal, renewal and recycling of these products, deliver them to the designated collection points. Alternatively, in some European Union states or other European countries the products can be returned to the local retailer when buying an equivalent new product. By disposing of this product correctly, you help to conserve valuable natural resources and prevent any potential adverse impact on the environment and human health that could result from improper waste disposal. For more details, contact your local authority or nearest collection point. Fines may be imposed for the improper disposal of this type of waste as per national regulations.

For business entities in European Union States

If you wish to dispose of electrical and electronic equipment, please request the necessary information from your retailer or supplier.

Disposal in other countries outside the European Union

To dispose of this product elsewhere, request the necessary information on the correct disposal method from local authorities or your retailer.

Changes to text and technical parameters are reserved.

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