humitec® Premium Project

HTW
QUALITY COMFORT EVERYWHERE

DESHUMIDIFIER A4

HTWD010A4 I HTWD012A4 I HTWD016A4 I HTWD020A4 I HTWD030A4 I HTWD050A4 HTWD070A4

10, 12, 16L 20, 30, 50L 70L

ENGLISH

Owner's and installation manual. **Dehumidifier**

THANK YOU

Thank you for choosing our products and we greatly appreciate your trust in us.

This manual has been carefully prepared to ensure that you get the maximum benefit from your product.

TABLE OF CONTENTS

01 **FEATURES** 32
02 **SECURITY WARNING** 33
03 **GENERAL INSTRUCTIONS** 36
04 **OPERATING INSTRUCTIONS** 44
05 **MAINTENANCE** 49
06 **TROUBLESHOOTING** 51
07 **WARRANTY** 52

Designation

⚠ Caution/Important safety information

Common information and recommendations

Warranty service is performed according to the terms specified in the "Warranty" section.

Note:

In the text of this manual, the electric convector may have such technical names as appliance, device, vehicle etc.

This product is only suitable for well insulated spaces or occasional use.

POWERFUL DEHUMIDIFYING CAPABILTY

Taking advantage of refrigeration technology, the dehumidifier powerfully removes moisture from the air to decrease the humidity level of the room and keep the indoor air dry and comfortable.

LIGHTWEIGHT PORTABLE DESIGN

The dehumidifier is built to be compact and lightweight.

QUIET OPERATION

The dehumidifier operates with a low noise level.

ENERGY EFFICIENT

The power consumption of the unit is low.

EN

VERY IMPORTANT!

Please do not install or use your dehumidifier before you have carefully read this manual. Please keep this instruction manual for an eventual product warranty and for future reference.

WARNING

Do not use means to accelerate the defrosting process or to clean, other than those recommended by the manufacturer.

The appliance shall be stored in a room without continuously operating ignition sources (for example: open flames, an operating gas appliance or an operating electric heater.

Do not pierce or burn.

Be aware the refrigerants may not contain an odour.

Appliance shall be installed, operated and stored in a room with a floor area larger than 4 m^2.

Servicing shall be performed only as recommended by the manufacturer.

The appliance shall be stored in a well-ventilated area where the room size corresponds to the room area as specified for operation.

All working procedure that affects safety means shall only be carried by competent persons.

WARNING

Specific information regarding appliances with R 290 refrigerant gas.

· Thoroughly read all of the warnings.

· When defrosting and cleaning the appliance, do not use any tools other than those recommended by the manufacturing company.

· The appliance must be placed in an area without any continuous sources of ignition (for example: open flames, gas or electrical appliances in operation).

· Do not puncture and do not burn.

· This appliance contains Y g (see rating label placed in the back of the unit) of R290 refrigerant gas.

	HTWD010A4	HTWD012A4	HTWD016A4	HTWD020A4	HTWD030A4	HTWD050A4	HTWD070A4
Charge quantity (kg)	0,045	0,045	0,045	0,05	0,09	0,145	0,15

· R290 is a refrigerant gas that complies with the European directives on the environment. Do not puncture any part of the refrigerant circuit.

· If the appliance is installed, operated or stored in a nonventilated area, the room must be designed to prevent the accumulation of refrigerant leaks resulting in a risk of fire or explosion due to ignition of the refrigerant caused by electric heaters, stoves, or other sources of ignition.

· The appliance must be stored in such a way as to prevent mechanical failure.

· Individuals who operate or work on the refrigerant circuit must have the appropriate certification issued by an accredited organization that ensures competence in handling refrigerants according to a specific evaluation recognized by associations in the industry.

· The appliance shall be stored in a well-ventilated area where the room size corresponds to the room area as specified for operation.

· Repairs must be performed based on the recommendation from the manufacturing company. Maintenance and repairs that require the assistance of other qualified personnel must be performed under the supervision of an individual specified in the use of flammable refrigerants.

· Do not use a bad or unsuitable socket.
· Do not use machines in the following situations
· A: Near to source of fire.
· B: An area where oil is likely to splash.
· C: An area exposed to direct sunlight.
· D: An area where water is likely to splash.
· E: Near a bath, a shower or a swimming pool.

· Never insert your fingers, rods into the air outlet. Take special care to warn children of these dangers.

· Keep the unit upward when transporting and storing positioned, so that compressor is properly.

· Before cleaning the appliance, always turn off or disconnect the power supply.

· When moving the appliance, always turn off and disconnect the power supply, and move it slowly.

· To avoid the possibility of fire disaster, the appliance shall not be covered.

· All the appliance sockets must comply with the local electric safety requirements. If necessary, please check it for the requirements.

· Young children should be supervised to ensure that they do not play with the appliance.

· This appliance is not intended for use by persons (including children) with reduced physical, sensory, or mental capacities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

· If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

· This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

· The appliance shall be installed in accordance with national wiring regulations.

· Details of type and rating of fuses: T, 250V AC,3.15A.

· Recycling

This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

· GWP: R290: 3

· Contact authorized service technician for repair or maintenance of this unit.

· Do not pull , deform . or modify the power supply cord , or immerse it in water . Pulling or misuse of the power supply cord can result in damage to the unit and cause electrical shock.

· Compliance with national gas regulations shall be observed.

· Keep ventilation openings clear of obstruction.

· Any person who is involved with working on or breaking into a refrigerant circuit should hold a current valid certificate from an industry-accredited assessment authority, which authorizes their competence to handle refrigerants safely in accordance with an industry recognized assessment specification.

· Servicing shall only be performed as recommended by the equipment manufacturer Maintenance and repair requiring the assistance of other skilled personnel shall be carried out under the supervision of the person competent in the use of flammable refrigerants.

· Do not operate or stop the unit by inserting or pulling out the power plug, it may cause electric shock or fire due to heat generation.

· Unplug the unit if strange sounds, smells or smoke comes from it.

Notes:

· If any parts damage, please contact the dealer or a designated repair shop;

· In case of any damage, please turn off the air switch, disconnect the power supply, and contact the dealer or a designated repair shop;

· In any case, the power cord shall be firmly grounded.

· To avoid the possibility of danger, if power cord is damaged, please turn off the air switch and disconnect the power supply. It must be replaced from the dealer or a designated repair shop.

1. GENERAL INSTRUCTIONS:

1.1 Checks to the area

Prior to beginning work on systems containing flammable refrigerants, safety checks are necessary to ensure that the risk of ignition is minimised. For repair to the refrigerating system, the following precautions shall be complied with prior to conducting work on the system.

1.2 Work procedure

Work shall be undertaken under a controlled procedure so as to minimise the risk of a flammable gas or vapour being present while the work is being performed.

1.3 General work area

All maintenance staff and others working in the local area shall be instructed on the nature of work being carried out. Work in confined spaces shall be avoided.The area around the workspace shall be sectioned off. Ensure that the conditions within the area have been made safe by control of flammable material.

1.4 Checking for presence of refrigerant

The area shall be checked with an appropriate refrigerant detector prior to and during work, to ensure the technician is aware of potentially flammable atmospheres. Ensure that the leak detection equipment being used is suitable for use with flammable refrigerants, i.e. nonsparking, adequately sealed or intrinsically safe.

1.5 Presence of fire extinguisher

If any hot work is to be conducted on the refrigeration equipment or any associated parts, appropriate fire extinguishing equipment shall be available to hand. Have a dry powder or CO2 fire extinguisher adjacent to the charging area.

1.6 No ignition sources

No person carrying out work in relation to a refrigeration system which involves exposing any pipe work that contains or has contained flammable refrigerant shall use any sources of ignition in such a manner that it may lead to the risk of fire or explosion. All possible ignition sources, including cigarette smoking, should be kept sufficiently far away from the site of installation, repairing, removing and disposal, during which flammable refrigerant can possibly be released to the surrounding space. Prior to work taking place, the area around the equipment is to be surveyed to make sure that there are no flammable hazards or ignition risks. "No Smoking" signs shall be displayed.

1.7 Ventilated area

Ensure that the area is in the open or that it is adequately ventilated before breaking into the system or conducting any hot work. A degree of ventilation shall continue during the period that the work is carried out. The ventilation should safely disperse any released refrigerant and preferably expel it externally into the atmosphere.

1.8 Checks to the refrigeration equipment
Where electrical components are being changed, they shall be fit for the purpose and to the correct specification. At all times the manufacturer's maintenance and service guidelines shall be followed. If in doubt consult the manufacturer's technical department for assistance.The following checks shall be applied to installations using flammable refrigerants: the charge size is in accordance with the room size within which the refrigerant containing parts are installed; the ventilation machinery and outlets are operating adequately and are not obstructed; if an indirect refrigerating circuit is being used, the secondary circuit shall be checked for the presence of refrigerant; marking to the equipment continues to be visible and legible. Markings and signs that are illegible shall be corrected; refrigeration pipe or components are installed in a position where they are unlikely to be exposed to any substance which may corrode refrigerant containing components, unless the components are constructed of materials which are inherently resistant to being corroded or are suitably protected against being so corroded.

1.9 Checks to electrical devices
Repair and maintenance to electrical components shall include initial safety checks and component inspection procedures. If a fault exists that could compromise safety, then no electrical supply shall be connected to the circuit until it is satisfactorily dealt with. If the fault cannot be corrected immediately but it is necessary to continue operation, an adequate temporary solution shall be used. This shall be reported to the owner of the equipment so all parties are advised.
Initial safety checks shall include: that capacitors are discharged: this shall be done in a safe manner to avoid possibility of sparking; that there no live electrical components and wiring are exposed while charging, recovering or purging the system; that there is continuity of earth bonding.

2. REPAIRS TO SEALED COMPONENTS:

2.1 During repairs to sealed components, all electrical supplies shall be disconnected from the equipment being worked upon prior to any removal of sealed covers, etc. If it is absolutely necessary to have an electrical supply to equipment during servicing, then a permanently operating form of leak detection shall be located at the most critical point to warn of a potentially hazardous situation.
Servicing shall be performed only as recommended by the manufacturer.
The appliance shall be stored in a well-ventilated area where the room size corresponds to the room area as specified for operation.

2.2 Particular attention shall be paid to the following to ensure that by working on electrical components, the casing is not altered in such a way that the level of protection is affected.
This shall include damage to cables, excessive number of connections, terminals not made to original specification, damage to seals, incorrect fitting of glands, etc. Ensure that apparatus is mounted securely. Ensure that seals or sealing materials have not degraded such that they no longer serve the purpose of preventing the ingress of flammable atmospheres. Replacement parts shall be in accordance with the manufacturer's specifications.
NOTE The use of silicon sealant may inhibit the effectiveness of some types of leak detection equipment. Intrinsically safe components do not have to be isolated prior to working on them.

3. REPAIR TO INTRINSICALLY SAFE COMPONENTS

Do not apply any permanent inductive or capacitance loads to the circuit without ensuring that this will not exceed the permissible voltage and current permitted for the equipment in use.
Intrinsically safe components are the only types that can be worked on while live in the presence of a flammable atmosphere. The test apparatus shall be at the correct rating. Replace components only with parts specified by the manufacturer. Other parts may result in the ignition of refrigerant in the atmosphere from a leak.

4. CABLING

Check that cabling will not be subject to wear, corrosion, excessive pressure, vibration, sharp edges or any other adverse environmental effects. The check shall also take into account the effects of aging or continual vibration from sources such as compressors or fans.

5. DETECTION OF FLAMMABLE REFRIGERANTS

Under no circumstances shall potential sources of ignition be used in the searching for or detection of refrigerant leaks. A halide torch (or any other detector using a naked flame) shall not be used.

6. LEAK DETECTION METHODS

The following leak detection methods are deemed acceptable for systems containing flammable refrigerants. Electronic leak detectors shall be used to detect flammable refrigerants, but the sensitivity may not be adequate, or may need recalibration. (Detection equipment shall be calibrated in a refrigerant-free area.) Ensure that the detector is not a potential source of ignition and is suitable for the refrigerant used. Leak detection equipment shall be set at a percentage of the LFL of the refrigerant and shall be calibrated to the refrigerant employed and the appropriate percentage of gas (25 % maximum) is confirmed. Leak detection fluids are suitable for use with most refrigerants but the use of detergents containing chlorine shall be avoided as the chlorine may react with the refrigerant and corrode the copper pipe-work. If a leak is suspected, all naked flames shall be removed/extinguished. If a leakage of refrigerant is found which requires brazing, all of the refrigerant shall be recovered from the system, or isolated (by means of shut off valves) in a part of the system remote from the leak. Oxygen free nitrogen (OFN) shall then be purged through the system both before and during the brazing process.

7. REMOVAL AND EVACUATION

When breaking into the refrigerant circuit to make repairs – or for any other purpose – conventional procedures shall be used.However, it is important that best practice is followed since flammability is a consideration. The following procedure shall be adhered to: remove refrigerant; purge the circuit with inert gas; evacuate; purge again with inert gas; open the circuit by cutting or brazing.The refrigerant charge shall be recovered into the correct recovery cylinders. The system shall be "flushed" with OFN to render the unit safe. This process may need to be repeated several times.Compressed air or oxygen shall not be used for this task. Flushing shall be achieved by breaking the vacuum in the system with OFN and continuing to fill until the working pressure is achieved, then venting to atmosphere, and finally pulling down to a vacuum. This process shall be repeated until no refrigerant is within the system. When the final OFN charge is used, the system shall be vented down to atmospheric pressure to enable work to take place.This operation is absolutely vital if brazing operations on the pipework are to take place. Ensure that the outlet for the vacuum pump is not close to any ignition sources and there is ventilation available.

8. CHARGING PROCEDURES

In addition to conventional charging procedures,the following requirements shall be followed.
- Ensure that contamination of different refrigerants does not occur when using charging equipment. Hoses or lines shall be as short as possible to minimise the amount of refrigerant contained in them.
- Cylinders shall be kept upright.
- Ensure that the refrigeration system is earthed prior to charging the system with refrigerant.
- Label the system when charging is complete (if not already).
- Extreme care shall be taken not to overfill the refrigeration system.

Prior to recharging the system it shall be pressure tested with OFN. The system shall be leak tested on completion of charging but prior to commissioning. A follow up leak test shall be carried out prior to leaving the site.

9. DECOMMISSIONING

Before carrying out this procedure, it is essential that the technician is completely familiar with the equipment and all its detail. It is recommended good practice that all refrigerants are recovered safely. Prior to the task being carried out, an oil and refrigerant sample shall be taken in case analysis is required prior to re-use of reclaimed refrigerant. It is essential that electrical power is available before the task is commenced.

a) Become familiar with the equipment and its operation.
b) Isolate system electrically.
c) Before attempting the procedure ensure that :mechanical handling equipment is available, if required, for handling refrigerant cylinders; all personal protective equipment is available and being used correctly; the recovery process is supervised at all times by a competent person; recovery equipment and cylinders conform to the appropriate standards.
d) Pump down refrigerant system,if possible.
e) If a vacuum is not possible, make a manifold so that refrigerant can be removed from various parts of the system.
f) Make sure that cylinder is situated on the scales before recovery takes place.
g) Start the recovery machine and operate in accordance with manufacturer's instructions.
h) Do not overfill cylinders. (No more than 80 % volume liquid charge).
i) Do not exceed the maximum working pressure of the cylinder,even temporarily.
j) When the cylinders have been filled correctly and the process completed, make sure that the cylinders and the equipment are removed from site promptly and all isolation valves on the equipment are closed off.
k) Recovered refrigerant shall not be charged into another refrigeration system unless it has been cleaned and checked.

10. LABELLING

Equipment shall be labelled stating that it has been de-commissioned and emptied of refrigerant.The label shall be dated and signed.
Ensure that there are labels on the equipment stating the equipment contains flammable refrigerant.

11. RECOVERY

When removing refrigerant from a system, either for servicing or decommissioning, it is recommended good practice that all refrigerants are removed safely. When transferring refrigerant into cylinders, ensure that only appropriate refrigerant recovery cylinders are employed. Ensure that the correct number of cylinders for holding the total system charge are available.All cylinders to be used are designated for the recovered refrigerant and labelled for that refrigerant (i.e. special cylinders for the recovery of refrigerant). Cylinders shall be complete with pressure relief valve and associated shut-off valves in good working order. Empty recovery cylinders are evacuated and, if possible, cooled before recovery occurs.
The recovery equipment shall be in good working order with a set of instructions concerning the equipment that is at hand and shall be suitable for the recovery of flammable refrigerants.In addition,a set of calibrated weighing scales shall be available and in good working order. Hoses shall be complete with leak-free disconnect couplings and in good condition. Before using the recovery machine, check that it is in satisfactory working order, has been properly maintained and that any associated electrical components are sealed to prevent ignition in the event of a refrigerant release. Consult manufacturer if in doubt.
The recovered refrigerant shall be returned to the refrigerant supplier in the correct recovery cylinder,and the relevant Waste Transfer Note arranged. Do not mix refrigerants in recovery units and especially not in cylinders.
If compressors or compressor oils are to be removed, ensure that they have been evacuated to an acceptable level to make certain that flammable refrigerant does not remain within the lubricant. The evacuation process shall be carried out prior to returning the compressor to the suppliers. Only electric heating to the compressor body shall be employed to accelerate this process.When oil is drained from a system,it shall be carried out safely.

COMPETENCE OF SERVICE PERSONNEL

General

Special training additional to usual refrigerating equipment repair procedures is required when equipment with flammable refrigerants is affected.
In many countries, this training is carried out by national training organisations that are accredited to teach the relevant national competency standards that may be set in legislation.
The achieved competence should be documented by a certificate.

Training

The training should include the substance of the following:
Information about the explosion potential of flammable refrigerants to show that flammables may be dangerous when handled without care.
Information about potential ignition sources, especially those that are not obvious, such as lighters, light switches, vacuum cleaners, electric heaters.
Information about the different safety concepts:
Unventilated – (see Clause GG.2) Safety of the appliance does not depend on ventilation of the housing. Switching off the appliance or opening of the housing has no significant effect on the safety. Nevertheless, it is possible that leaking refrigerant may accumulate inside the enclosure and flammable atmosphere will be released when the enclosure is opened.
Ventilated enclosure – (see Clause GG.4) Safety of the appliance depends on ventilation of the housing. Switching off the appliance or opening of the enclosure has a significant effect on the safety. Care should be taken to ensure a sufficient ventilation before.
Ventilated room – (see Clause GG.5) Safety of the appliance depends on the ventilation of

the room. Switching off the appliance or opening of the housing has no significant effect on the safety. The ventilation of the room shall not be switched off during repair procedures. Information about the concept of sealed components and sealed enclosures according to IEC 60079-15:2010.
Information about the correct working procedures:

a) Commissioning
• Ensure that the floor area is sufficient for the refrigerant charge or that the ventilation duct is assembled in a correct manner.
• Connect the pipes and carry out a leak test before charging with refrigerant.
• Check safety equipment before putting into service.
b) Maintenance
• Portable equipment shall be repaired outside or in a workshop specially equipped for servicing units with flammable refrigerants.
• Ensure sufficient ventilation at the repair place.
• Be aware that malfunction of the equipment may be caused by refrigerant loss and a refrigerant leak is possible.
• Discharge capacitors in a way that won't cause any spark. The standard procedure to short circuit the capacitor terminals usually creates sparks.
• Reassemble sealed enclosures accurately. If seals are worn, replace them.
• Check safety equipment before putting into service.
c) Repair
• Portable equipment shall be repaired outside or in a workshop specially equipped for servicing units with flammable refrigerants.
• Ensure sufficient ventilation at the repair place.
• Be aware that malfunction of the equipment may be caused by refrigerant loss and a refrigerant leak is possible.
• Discharge capacitors in a way that won't cause any spark.
• When brazing is required, the following procedures shall be carried out in the right order:
– Remove the refrigerant. If the recovery is not required by national regulations, drain the refrigerant to the outside. Take care that the drained refrigerant will not cause any danger. In doubt, one person should guard the outlet. Take special care that drained refrigerant will not float back into the building.
– Evacuate the refrigerant circuit.
– Purge the refrigerant circuit with nitrogen for 5 min.
– Evacuate again.
– Remove parts to be replaced by cutting, not by flame.
– Purge the braze point with nitrogen during the brazing procedure.
– Carry out a leak test before charging with refrigerant.
• Reassemble sealed enclosures accurately. If seals are worn, replace them.
• Check safety equipment before putting into service.
d) Decommissioning
• If the safety is affected when the equipment is putted out of service, the refrigerant charge shall be removed before decommissioning.
• Ensure sufficient ventilation at the equipment location.
• Be aware that malfunction of the equipment may be caused by refrigerant loss and a refrigerant leak is possible.
• Discharge capacitors in a way that won't cause any spark.

• Remove the refrigerant. If the recovery is not required by national regulations, drain the refrigerant to the outside. Take care that the drained refrigerant will not cause any danger. In doubt, one person should guard the outlet. Take special care that drained refrigerant will not float back into the building.
• Evacuate the refrigerant circuit.
• Purge the refrigerant circuit with nitrogen for 5 min.
• Evacuate again.
• Fill with nitrogen up to atmospheric pressure.
• Put a label on the equipment that the refrigerant is removed.
e) Disposal
• Ensure sufficient ventilation at the working place.
• Remove the refrigerant. If the recovery is not required by national regulations, drain the refrigerant to the outside. Take care that the drained refrigerant will not cause any danger. In doubt, one person should guard the outlet. Take special care that drained refrigerant will not float back into the building.
• Evacuate the refrigerant circuit.
• Purge the refrigerant circuit with nitrogen for 5 min.
• Evacuate again.
• Cut out the compressor and drain the oil.

Transportation, marking and storage for units that employ flammable refrigerants
Transport of equipment containing flammable refrigerants

Attention is drawn to the fact that additional transportation regulations may exist with respect to equipment containing flammable gas. The maximum number of pieces of equipment or the configuration of the equipment, permitted to be transported together will be determined by the applicable transport regulations.

Marking of equipment using signs

Signs for similar appliances used in a work area generally are addressed by local regulations and give the minimum requirements for the provision of safety and/or health signs for a work location.
All required signs are to be maintained and employers should ensure that employees receive suitable and sufficient instruction and training on the meaning of appropriate safety signs and the actions that need to be taken in connection with these signs.
The effectiveness of signs should not be diminished by too many signs being placed together.
Any pictograms used should be as simple as possible and contain only essential details.

Disposal of equipment using flammable refrigerants

See national regulations.

Storage of equipment/appliances

The storage of equipment should be in accordance with the manufacturer's instructions.
Storage of packed (unsold) equipment
Storage package protection should be constructed such that mechanical damage to the equipment inside the package will not cause a leak of the refrigerant charge.
The maximum number of pieces of equipment permitted to be stored together will be determined by local regulations.

GENERAL SAFETY INSTRUCTIONS

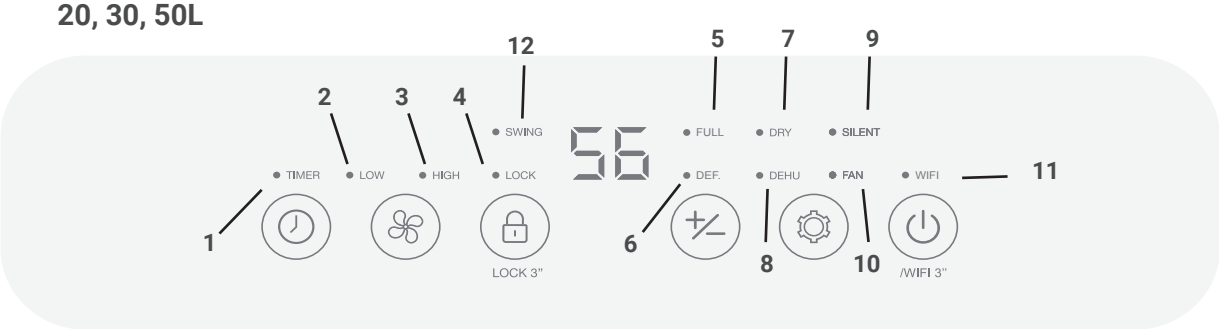
Before you use the machine, please read the instructions carefully so that you can maximize the use of all the features of the machine.This instruction is for guidance only and is not part of the contract, we reserve the right to make technical changes and we will not notify you before the amendment.

Notice before use

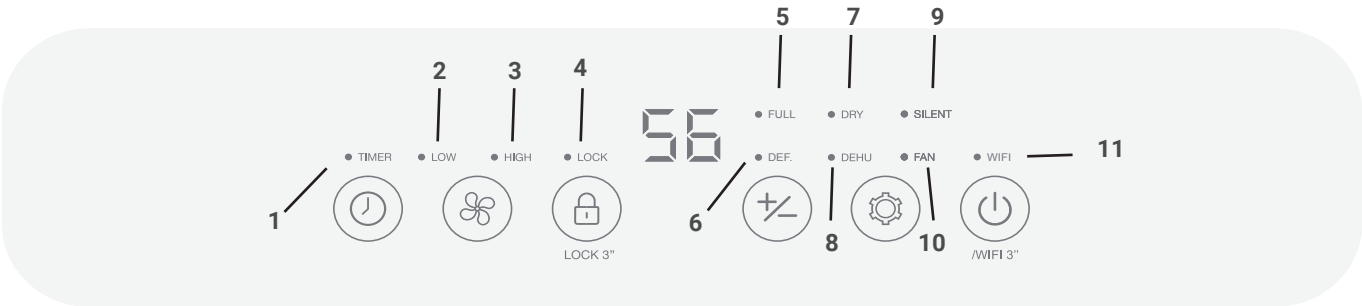
1. " PLEASE MAKE SURE THE PRODUCT VENTILATES ALL THE TIME "! Please make sure the inlet and outlet ventilation is not blocked at all times.
2. Operate this unit on a horizontal surface to avoid water leakage.
3. Do not operate this unit in an explosive or corrosive atmosphere.
4. Machine working environment temperature: 5 ºC-35 ºC.
5. When the unit is shut off, please wait at least 3 minutes before restarting this is to prevent the compressor from being damaged.
6. Use separate power supply, prohibit the sharing of a socket with other electrical appliances, Power outlet specifications should not be less than 10A, sockets must be firmly safe.
7. Power: 220-240V/50hz.
8. Discard water that has collected in the tank as required.
9. Do not submerge the unit in water, or place the unit close to water.
10. Do not sit or stand on the unit.
11. Discard water that has collected in the tank as required.
12. Do not operate the dehumidifier in a closed area such as inside a closet, as it may cause a fire.
13. Install drain piping at a downhill grade to make sure that condensed water can be drained continuously.

10, 12, 16L

20, 30, 50L



70L



4.1. LED INDICATORS

1. TIMER
2. LOW FAN SPEED
3. HIGH FAN SPEED
4. CHILD LOCK
5. FULL WATER
6. DEFROST
7. DRY CLOTHES
8. DEHUMIDIFIER
9. SILENT MODE
10. FAN MODE
11. WIFI
12. SWING

EN

4.2 HUMIDITY LEVEL AND TIMER 2 DIGITAL DISPLAY

The indicator features 3 functions:
1. when you set the humidity, it will indicate the humidity that you have selected
2. when you program the time for the unit to turn on and off, it will show the hours.
3. When the environment humidity is lower than 35%, it will show "LO"
4. When the environment humidity is higher than 95%, it will show "HI"

4.3 PUSH BUTTON FUNCTIONS

A- Power Push Button

B- DOWN Push Button

C- UP Push Button

D- Timer Push Button

4.4 OPERATING INSTRUCTIONS

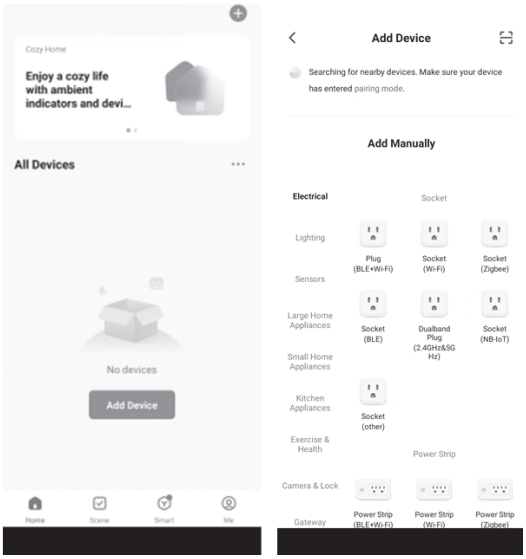
1. Plug in the unit.

2. Press button to start operation, the power indicator will be on. Press it again to stop operation.
3. Press button to set the desired humidity level in the room, which can be set from 30% to 90% at 5% intervals or "CO".
After a period of working,when environment humidity is lower than the selected humidity by 2%, compressor will stop ;When environment humidity is equal to or higher than the selected humidity by 3%, compressor will restart once 3-minute compressor protection time is over.
When setting the humidity to " CO ", the compressor will run continuously .

4.Press button to program the time:
Press the button to program the time when the unit turns on and turns off. If you want to cancel the timer programming, press the button to adjust the time at 0, and press the button ,it will be circulate from 1-2……23-24. It is the programmed time to switch the machine. The programmed time will be canceled when to switch compressor manually each time. The programmed time remains unchanged if the machine stops to wok due to water full or during defrosting

WIFI FUNCTION

a.Scan the QR code to download the "Smart life" APP. Or search for the "Smart life" APP in APP stores.
b.When using the "Smart Life" APP for the first time, you will need to register an account.
c.Long press the SPEED button of the product for 5s, to enter the WIFI set up mode.
d.When the WIFI indicator flashes quickly, the unit is at the WIFI EZ mode. If flashing slowly, the unit is at the WIFI AP mode.



e. Turn on Bluetooth and location and allow the app to access your location (for Android only). The Bluetooth permission is required too. Wi-Fi and Bluetooth combo devices can automatically discover the new device after clicking "Add device".
f.Select 2.4 GHz Wi-Fi Network and enter password. Wait for connection.
g.After the connection is successful, click "Done".

EN

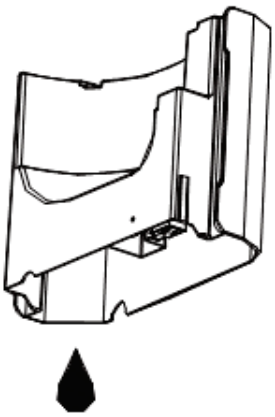
4.5 DRAINING THE COLLECTED WATER

When the drainage tank is full, the tank full indicator light will turn on, the operation will stop automatically and the buzzer will beep 15 times to alert the user, that the water need to be emptied from the drainage tank.

Emptying the Drainage Tank

1. Lightly press on the sides of the tank with both hands and pull the tank out gently.

2. Discard the collected water



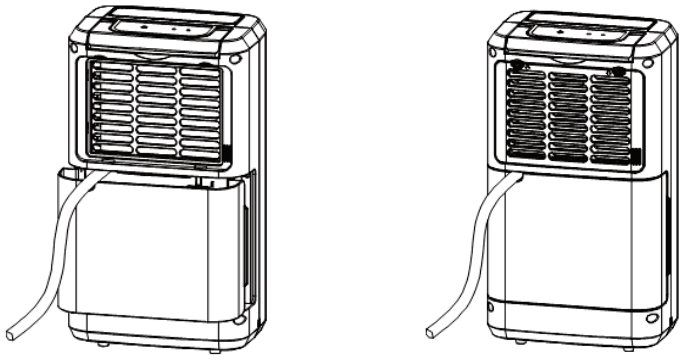
NOTE:

1. Do not remove the float from the water tank. The full tank sensor will no longer be able to detect the water level correctly without the float and water may leak from the water tank.

2. If the drainage tank is dirty, wash it with cold or lukewarm water. Do not use detergent, scouring pads, chemically treated dust cloths, gasoline, benzene, thinner, or other solvents, as these can scratch and damage the tank and cause water leakage.
3. When replacing the drainage tank, press the tank firmly into place with both hands. If the tank is not positioned properly, the "FULL TANK" sensor will be activated, and the dehumidifier will not operate.

4.6 CONTINUOUS WATER DRAINAGE

The unit features a continuous drainage port .Using a plastic pipe (with an inner diameter of 10mm) inserts into drain hole (on intermediate plate), reach out from side of water tank, install it in place, and arrange the drain pipe.
The water in the drainage tank can be continuously drained out from the continuous port on the unit.



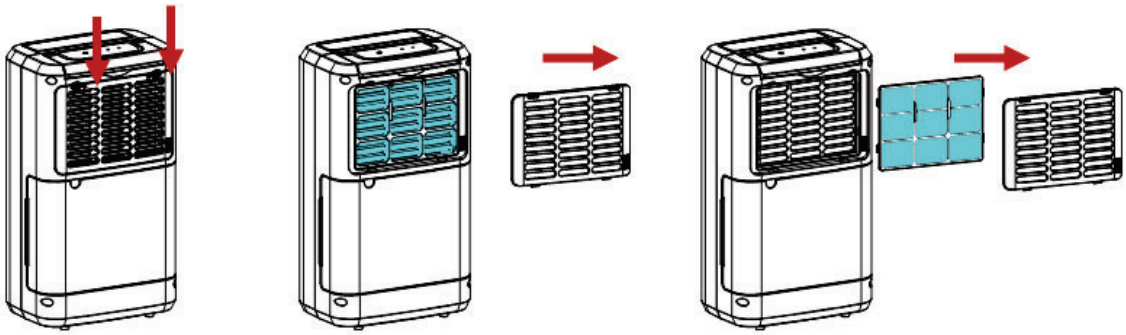
EN

5. MAINTENANCE

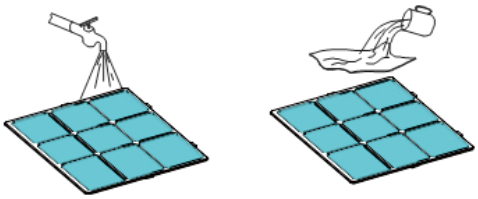
Cleaning the Dehumidifier
To clean the Body,
Wipe it with a soft damp cloth.

To Clean the Air Filter

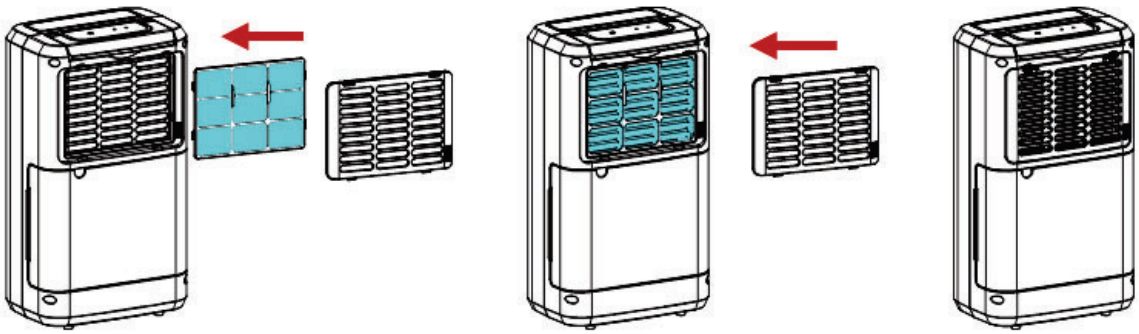
1. Open the inlet grill firstly and remove the air filter



2. Clean the air filter
Run a vacuum cleaner lightly over the surface of the air filter to remove dirt. If the air filter is exceptionally dirty, wash it with warm water and a mild cleanser and dry thoroughly.



3. Attach the air filter
Insert the filter into the grill smoothly, and place the inlet grill into right place.

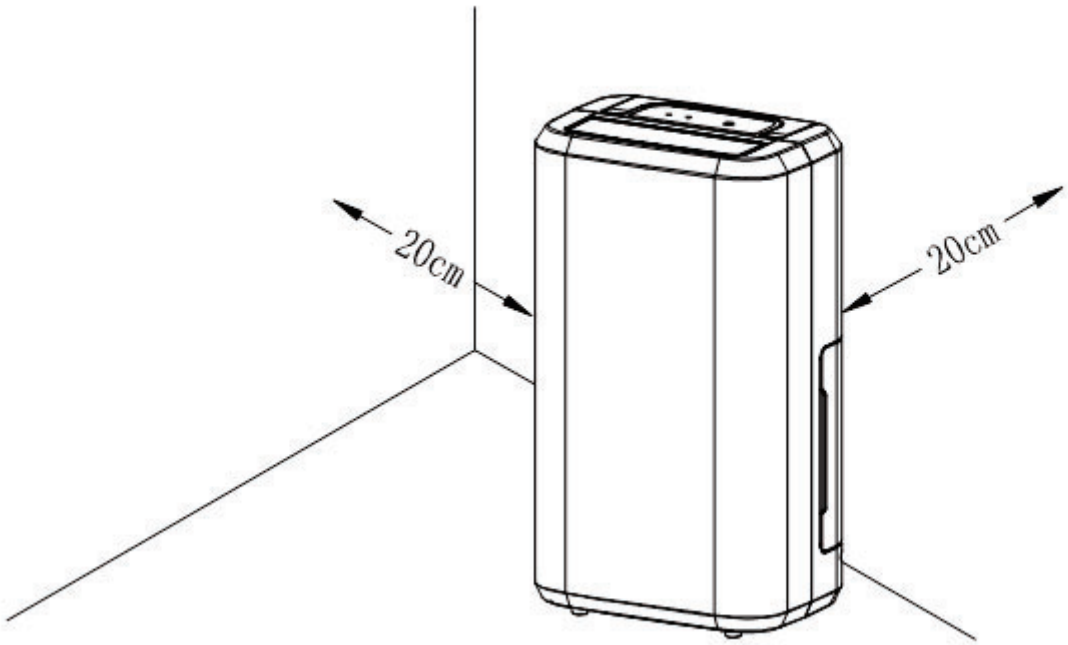


STORING THE DEHUMIDIFIER

When the unit is not being used for a long period of time and you want to store it note the following steps:
1. Empty any water left in the drainage tank.
2. Fold up the power supply cord and put it in the water tank.
3. Clean the air filter
4. Discard in a cool and dry place.

CLEARANCE

Maintain the minimum clearance around the dehumidifier when the unit is operating as shown in the left drawing.



If a condition listed below occurs, please check the following items before calling customer service.

Problem	Possible Cause	Solution
The unit doesn't operate	Has the power cord been disconnected?	Plug the power cord into the outlet.
	Is the tank full indication lamp blinking? (The tank is full or in a wrong position.)	Empty the water in the drainage tank and then re-position the tank.
	Is the temperature of the room above 35ºC or below 5ºC?	The protection device is activated and the unit cannot be started.
The dehumidifying function doesn't work	Is the air filter clogged?	Clean the air filter as instructed under "Cleaning the dehumidifier"
	Is the intake duct or discharge duct obstructed?	Remove the obstruction from the discharge duct or intake duct.
No air is discharged	Is the air filter clogged?	Move the unit to a stable, sturdy location.
Operation is noisy	Is the unit tilted or unsteady?	Clean the air filter as instructed under "Cleaning the dehumidifier"
	Is the air filter clogged?	Check whether the line is loose or replace the coil sensor.
E1 Code	Coil sensor short circuit or open circuit	Check whether the line is loose or replace the coil sensor.

RETURNS

HTW will not accept returns of goods supplied and delivered, except in justified cases and authorised by HTW, where it is necessary that they are in perfect state of conservation, packaging and operation.
A written and numbered authorisation for the reception of the goods in our premises is essential and the shipping costs for the return of the goods will always be charged to the purchaser.
If, once the material has been inspected, it does not comply with these requirements, a deduction will be made from your payment, which may be up to the total of the original value invoiced in the order.

WARRANTY

This guarantee does not affect the consumer's rights under Royal Decree-Law 7/2021 of 27 April, transposing European Union directives on consumer protection and other applicable regulations.
According to this decree, Gestión Integral de Almacenes, S.L., guarantees its products to the consumer for a period of 3 years against any lack of conformity that exists at the time of delivery of the material.
Unless proven otherwise, during the first 2 years, it is assumed that the lack of conformity existed at the time of sale, counting from the date of installation (made no later than 6 months after purchase), or failing that from the date of the purchase invoice. After these 2 years, any lack of conformity must be proven by the consumer.
The warranty is valid exclusively for products sold and installed in the country of purchase.
The Technical Assistance Service authorised by Gestión Integral de Almacenes S.L. is the only one authorised to carry out interventions during the warranty period. Any other intervention will result in the loss of warranty rights.
As indicated in the current legislation, an annual maintenance of the installation must be carried out, which is essential to maintain the commercial guarantee rights.
Under no circumstances are incidents caused by the following covered:

- Installation in breach of current legislation (RITE, refrigerant gases, electricity, CTE).
- Dimensioning and installation/assembly in breach of the instructions and recommendations written in this "Instruction Manual" or other installation defects and/or improper use (for example, incorrect installation of the drain or failure to carry out the mandatory vacuum in the refrigerant gas installation).
- Handling of the product by unauthorised personnel.
- Use of non-original spare parts.
- Aggressive characteristics of the environment.
- Deterioration due to condensation or atmospheric agents, as well as erratic currents.
- Corrosion due to improper storage.
- Lack of cleaning and/or maintenance by the user.
- Knocks during transport not carried out at the company's expense.