



DEHUMIDIFIER

USER MANUAL



MODEL:5LLE

SAFETY INSTRUCTIONS

Carefully read the instructions before operating the unit. This appliance is for indoor use only and intended for use in a domestic environment only. Any other use is not recommended by the manufacturer and may cause fire, electrical shocks or other injury to user or property. Installation must be in accordance with regulations of the country where the unit is used. Disconnect the power before dismantling, assembling, or cleaning. Avoid touching any moving parts of the appliance. Never insert fingers, pencils, or any other objects through the guard.

Do not leave children unsupervised with this appliance. Do not clean the unit by spraying it or immersing it in water. Never connect the unit to an electrical outlet using an extension cord. Never operate this appliance if the cord, power adapter or plug is damaged. A damaged power supply cord should be replaced by the manufacturer or a qualified electrician to avoid a hazard.

Any service other than regular cleaning or filter replacement should be performed by an authorized service representative. Failure to comply could result in a voided warranty. Do not use the appliance for any purpose other than its intended use.



WARNING: THE APPLIANCE MUST WORK IN THE VERTICAL POSITION. DO NOT TURN IT OVER!

The dehumidifier must be stored and transported vertically; otherwise, irreparable damage to the compressor may occur. You should wait for 24 hours with the appliance upright before starting the appliance. Failure to do so may damage the unit and void the warranty.

If you turn off the dehumidifier, wait 10 minutes before turning it back on. This prevents the compressor from being damaged.



CAUTION: NEVER CONNECT THE APPLIANCE TO AN EXTERNAL TIMER OR REMOVE THE DEVICE FROM THE OUTLET WHILE IN OPERATION.

Use only the POWER button located on the control panel to turn the unit off. Failure to comply with this safety precaution could damage the appliance and void the warranty.

Always place the unit on a dry and stable surface. The appliance should not be installed in laundry or wet rooms where the humidity is higher than 85% RH. Do not dry laundry above the unit to prevent water entering the dehumidifier. Place the laundry at least 1 meter away from your dehumidifier.

If the appliance is installed, used, or stored in an unventilated room, the room must be such as to prevent stagnation of possible leaks of refrigerant gas. Do not use the product and contact the retailer for advice if damage has occurred to the unit which may have compromised the refrigerant system. Any repairs or maintenance must only be carried out on

the unit by a suitably qualified engineer. The refrigerant system should not be perforated or punctured.

ENERGY SAVING AND UNIT SAFETY PROTECTION TIPS

- Do not cover or restrict the airflow from the outlet or inlet grills. For maximum performance the minimum distance from a wall or objects should be 20 cm.
- Keep the filters or grills of the unit clean. Under normal conditions, filters or grills should only need cleaning once every three weeks (approximately).
- Since the filters remove airborne particles, more frequent cleaning may be necessary, depending on the air quality. Wash the mesh filters with hot soapy water and dry them before placing them back in the unit.

FEATURES AND FUNCTIONS

The dehumidifier uses compressor technology to extract water from the environment. Compressor dehumidifiers are ideal for normal domestic or office environments which are heated during the winter months and maintain a temperature above 12-15 °C.

The dehumidifiers are designed to extract unwanted humidity while saving money due to their power saving logic. They feature an intelligent humidistat where the desired relative humidity can be adjusted in increments of 5% between 35% and 80% ensuring your room is not dried too much and power is not wasted.

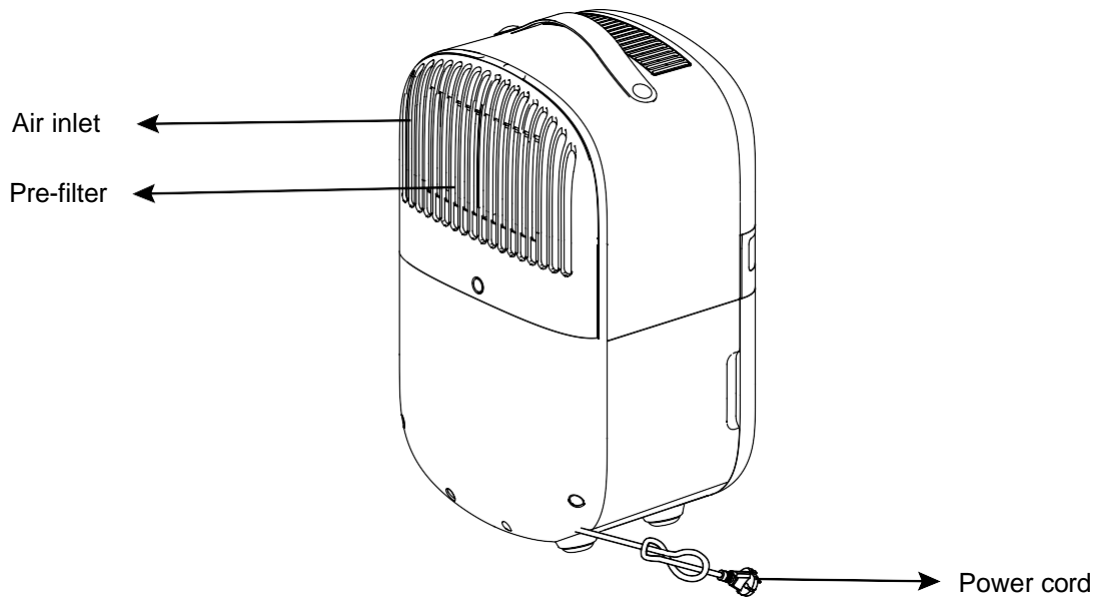
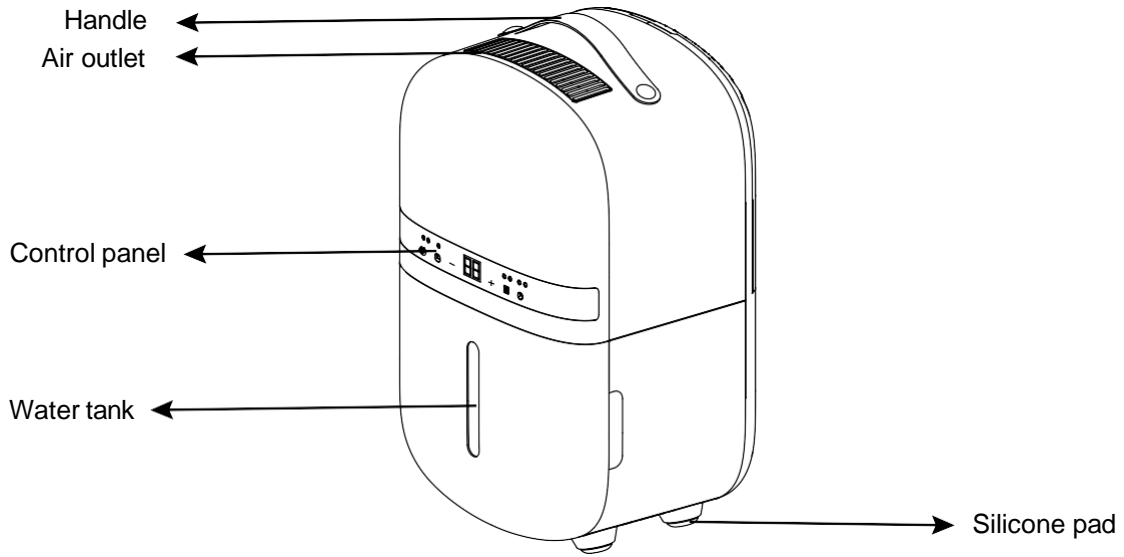
Auto-Restart

If the unit stops unexpectedly due to the power cut, it will restart with the previous function selected automatically when the power resumes, and the compressor will start after 3 minutes protection.

Features

- Easy to use controls.
- Cost effective way to combat mould, condensation, and damp.
- Designed to complement any modern space.
- Intelligent CPU controlled digital humidistat with 35% - 80% RH and room humidity display.
- 24 hours start / stop timer.
- Tank operation or permanent drainage option with splash proof tank
- Water tank full alarm & auto - stop function.

OVERVIEW OF THE COMPONENTS



CONTROL PANEL



POWER Button

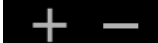
Turn the appliance on/off.



MODE Button

Select the function of the unit between SMART and FAN modes. The corresponding light will show which mode is selected.

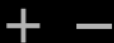
SMART MODE:

This is designed for maximum convenience and aims to reduce the relative humidity to the level set and maintain the room at that level. The default level is 50% - 55%, although this can be easily changed using the  button.

FAN MODE:

Only the fan will run, and water is not extracted, which when used with filters will purify the air.

HUMIDITY/ TIMER SETTING



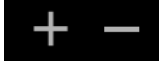
In SMART mode press these buttons to select the desired relative humidity level. Humidity level can be set within a range of 35% RH (Relative Humidity) to 80% RH in 5% increments. When it reaches 80%RH, press button again to 35%RH and repeat this circle. Press Timer button, then press this button to adjust the timer (1- 24hrs). When it reaches 24hrs, press button again to 0hrs and repeat this circle.



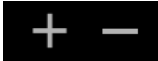
TIMER

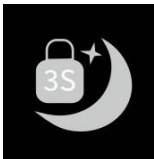
Press the TIMER button to program the timer. When the timer is activated the "TIMER" light will be illuminated. Before programming the timer, ensure the timer function has not been activated (the light must be off). The following timer programs are available.

DELAYED POWER-ON FUNCTION:

With the appliance in stand - by, press the TIMER button, then use the  button to set in how many hours you require the unit to start (1~24 hours).

DELAYED POWER-OFF FUNCTION:

While the appliance is running with the desired settings, press the TIMER button, then use the  button to set in how many hours you require the unit to stop (1~24 hours).



SLEEP / CHILD LOCK

Press this button to enter the sleep mode. The sleep indicator light is on. Other indicator lights are off.

Press and hold this button for 3 seconds to enter the child lock mode. The child lock indicator light is on, and other touch buttons are invalid; after pressing and holding this button for another 3 seconds, the child lock indicator light is off, and other touch buttons are active again.

Note: The SLEEP and CHILD LOCK functions are controlled by one button. When the SLEEP function is off, press this button for three seconds enter the CHILD LOCK function, then the SLEEP function will be turned on together. So, if you want to enter the CHILD LOCK function only, you need turn on SLEEP mode first, press this button for three seconds. Then the SLEEP function will be turned off and the CHILD LOCK function will be turned on.


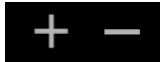


TANK FULL

When the water tank is full, removed or incorrectly inserted the unit will stop dehumidifying, the tank full light will illuminate, and the unit will beep. Empty the tank and reinsert it correctly to resume operation.

HUMIDITY LEVEL & TIMER 2 DIGIT DISPLAY

The led indicator performs the following functions:

- When the unit is plugged in, it will indicate the humidity level of the room.
- When the  button is pressed in the SMART mode, it will indicate the desired humidity level.
- When the  button is pressed in the TIMER mode, it will indicate the desired time you require the unit to start/stop.



Notes: When humidity level is outside the normal operational parameters will show LO/Hi. If ambient humidity is lower than 20%, it will show “LO”. If ambient humidity is higher than 90%, it will show “HI”.

Your dehumidifier contains an advanced micro - CPU controlled device which is capable of self- diagnostics. The LCD display may also show the error and protections codes.

INSTALLATION

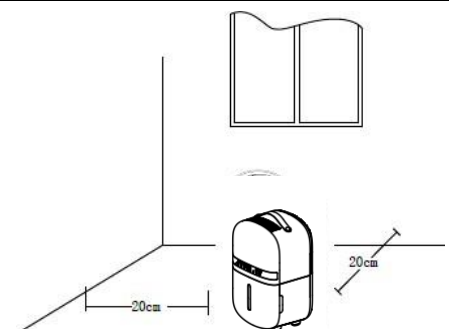
- Do not open windows or doors while the unit is running.
- Place the unit on a hard / flat surface.

To reduce noise levels

Place a piece of carpet or a rubber mat under the unit to reduce any vibrations while the unit is running.

POSITIONING THE DEHUMIDIFIER

A badly positioned dehumidifier will have little effect. Please ensure circulation of air is not restricted around the unit. Allow at least 20 cm space around the unit. This dehumidifier is designed only for indoor residential or small office applications.



WARNING: Any commercial or industrial use will invalidate the warranty.

- Use in an enclosed area for maximum efficiency. Close all doors, windows to create an effective operating environment. Do not use outdoors.
- Your dehumidifier will begin to protect your space from the harmful effects of excessive moisture as soon as it is turned on. Excess moisture is dispersed throughout your home. For this reason, the dehumidifier should be positioned in a central and clear location so that it can draw this moist air towards it from all over the home. A warm hallway or landing is an excellent position for your dehumidifier. If possible, leave interior doors ajar to allow air circulation.
- Alternatively, if you have a serious problem in one area you can begin by positioning the dehumidifier there and moving it to a more central location later. For the most effective use, run your dehumidifier with external doors and windows kept closed. Please note the unit should not be placed directly against a radiator or other heat source.
- When positioning your dehumidifier, ensure that it is placed clear of any obstacle that may limit the air movement. Place the dehumidifier on a flat dry surface.

WATER DRAINAGE

When the water tank is full, the unit will stop automatically. When it happens, the tank full light will show on the control panel.

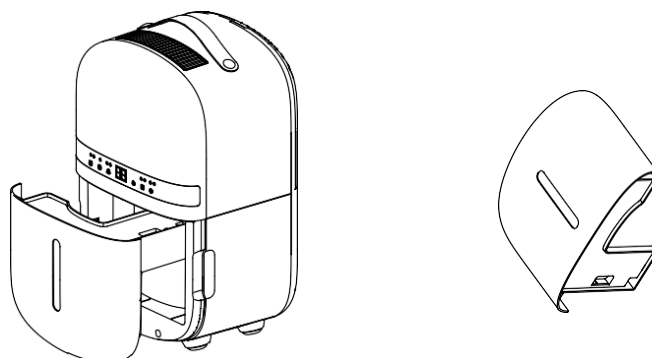
NOTE: Only empty the water tank when it is full or before moving or storing the unit.

There are two ways to dispense collected water.

1. USE THE WATER TANK

When the water tank is full, the unit will automatically stop running and the water tank full indicator will flash.

Slowly pull out the water tank. Grip the water tank by its handle securely, and carefully pull it out. Empty the water tank before reinserting it into the dehumidifier. The tank must be in place and securely seated for the dehumidifier to operate again. The dehumidifier will re-start when the tank is restored to its correct position.



NOTES: When you remove the water tank, do not touch sensors or any parts which are situated behind the tank. Doing so may damage the product. Be sure to push the water tank gently all the way into the unit. Banging the bucket against anything or failing to push it in securely into place may cause the unit not to operate.

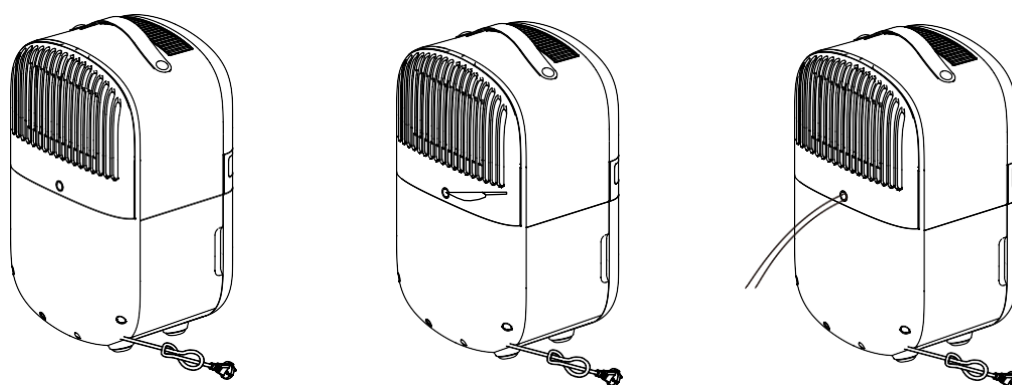
Do not remove any parts from the water tank or tank enclosure. The water full sensor will no longer be able to detect the water level correctly and water may leak from the water tank.

2. CONTINUOUS DRAINAGE (OPTIONAL)

Water can be automatically plumbed in or drained into a sink, a larger recipient or through the wall into an outside drain by attaching a pipe to the unit (10mm internal diameter). Insert the pipe into the drain outlet at the back of the unit as shown here.

Make sure the connection between pipe and the drain outlet is tight and does not leak.

Then direct the pipe to a suitable drainage point.



NOTE: The pipe has 1m long.

This unit uses gravity to dispose of water hence the drain should be lower than the water outlet on the unit. Put the water tank back. Be sure to run the water pipe downward and let the water to flow out smoothly. Do not kink or bend the pipe.

CARE AND MAINTENANCE

Always shut off the unit and unplug from the mains before cleaning or performing any maintenance. When it is not in use for long periods, it is advised to remove the plug from the power socket.

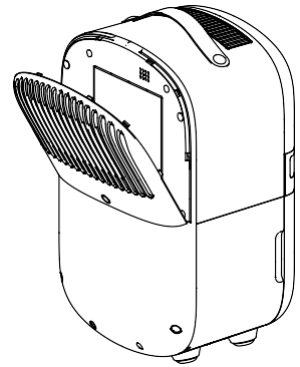
Do not use chemical solvents (such as benzene, alcohol, or gasoline) as they may cause irreversible damage to the unit.

Clean the grill and case.

- Use water and a mild detergent to clean the washable mesh filters. Do not use bleach or abrasives.

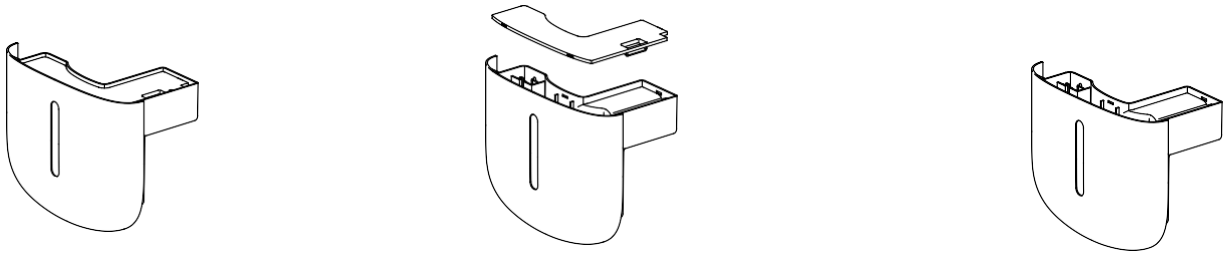
CAUTION: Do not splash water directly onto the main unit. Doing so may cause an electrical shock and can lead to the insulation to deteriorate or cause the unit to rust.

- The air intake and outlet grilles get soiled easily, so use a vacuum attachment or soft brush to clean.
- Wipe the dehumidifier body with a soft damp cloth or kitchen towel.
- If the mesh filter is dirty, Hoover it. If it is heavily soiled, wash it with warm soapy water and dry thoroughly before reinserting it in the unit.
- When filter cleaning is finished and filters are dry, place them back into the unit.



Clean the water tank.

Every few weeks, clean the tank to prevent growth of mould, mildew and bacteria. Partially fill the tank with clean water and add a little mild detergent. Wash it around and then empty the tank and rinse.



NOTE: Do not use a dishwasher to clean the tank. After cleaning and drying, the tank must be reinserted securely into the dehumidifier to restart operation.

END OF SEASON MAINTENANCE

- Empty and clean the water tank.
- Clean the unit and the filters as per cleaning procedure above.
- Coil the power cord on the special cord storage rest at the back of the unit.
- Cover the unit and keep it in a dry place.

TROUBLESHOOTING


Issue	Cause	Solution
Hot or cold air being produced	Normal Operation	When the unit is in dehumidifying mode, it absorbs humid air from the room and reduces the humidity. During the fan and defrost cycle, there should be cold air coming out of the unit. During the dehumidify cycle, hot dry air should be coming out of the unit.
Unit does not operate	Is the plug properly inserted in the socket?	Insert the plug in the socket and turn the unit on.
	Does the tank full indicator is on?	Tank full float displaced, or tank not properly inserted. Empty tank, check float and make sure tank is properly inserted in unit.
Dehumidifier does not extract water	Is the unit set to a humidity level higher than the one in the room?	Set the humidity level on the humidistat below current humidity reading.
	Is the temperature too low for water extraction to be efficient?	Increase temperature in the room or reposition the unit.
	Is any intake grill blocked? Is the unit too close to walls?	Remove obstructions and restart the unit. Ensure a distance of at least 20cm between the unit and walls.
Airflow seems weak	Is filter dirty or clogged?	Please service the filters regularly as per user manual.
Unit is noisy during operation	Is the unit on an uneven surface?	Please place on flat horizontal surface.
	Is filter clogged?	Please service the filters regularly as per user manual.
E3 or E4	Humidity sensor error	Use the unit within the prescribed humidity range. Unplug the unit, rest and plug it back in. If error repeats, call for service center.
E1 or E2	Temperature sensor error	Use the unit within the prescribed temperature range. Unplug the unit rest and plug it back in. If error repeats, call for service center.
Tank full indicator light	Water tank full notification	Tank is full or is not in the right position. Empty the tank and replace in the right position.
Any other malfunctions will need to be reported to our service center. Do not attempt unauthorised repairs as these may invalidate the warranty.		

EXTRACTION RATE

Room Conditions	Maximum Water	Extraction Wattage
10°C and 60%RH	1.31L/day	133W
15°C and 60%RH	1.58L/day	138W
20°C and 60%RH	2.01L/day	146W
25°C and 60%RH	2.63L/day	154W
30°C and 60%RH	3.02L/day	180W
10°C and 80%RH	1.96L/day	135W
15°C and 80%RH	2.6L/day	144W
20°C and 80%RH	3.65L/day	156W
25°C and 80%RH	4.37L/day	170W
30°C and 80%RH	4.9L/day	196W

Solenco

DEHUMIDIFIER

Model:	5LLE
Power Supply:	AC 220-240V/50Hz
Rated Voltage:	AC 220-240V
Rated Input Power:	155W
Rated current:	0.75A
Moisture removal:	5L/Day(30°C RH80%)
Water tank:	1.5L
Electrical equipment type:	Class I
Water ingress protection:	IPX1
High/Low pressure:	3.2/0.7MPa
Refrigerant:	R290/30g  R 290
Dimension(WxHxD):	253x215x410mm
Net Weight:	7kg

Imported and Distributed by
Solenco South Africa CC.
Customer Service Telephone
Number: 0861 388 878



Made in P.R.C

WARRANTY

This appliance has been properly tested to the South African standards. During the warranty period, we will proceed to the free removal - for repair or, in our decision, for replacement - of defects in the device or accessories that may arise from material or manufacturing errors. The provision of warranty services will not extend it, nor will they start a new warranty period! The purchase receipt will consist of proof of this guarantee. Without it, it will not be possible to do any free exchange or repair.

In the event of a warranty, please email info@solenco.co.za with your purchase receipt and collection address. We will troubleshoot with you and if the unit needs to be repaired or replaced, we will arrange couriers to collect the unit. In the event of damage to any accessories, a complete replacement of the appliance will not be carried out automatically. Contact us in this case. Damage caused by broken glass or plastic parts will have to be paid by the customer. No defects in accessories or wearing parts, or cleaning, maintenance, or replacement of wearing parts are included in the warranty, and such costs must be reimbursed. The guarantee will be terminated whenever there has been interference with the equipment.

After the expiration of the warranty period, arrangements may be made by specialized personnel or by our repair services. The costs of repair will no longer be the responsibility of us.

DISPOSAL: MEANING OF THE DUSTBIN SYMBOL



Protect our environment: do not dispose of electrical equipment in the domestic waste. Please return any electrical equipment that you will no longer use to the collection points provided for their disposal. This helps avoid the potential effects of incorrect disposal on the environment and human health. This will contribute to the recycling and other forms of reutilization of electrical and electronic equipment. Information concerning where the equipment can be disposed of can be obtained from your local authority.

