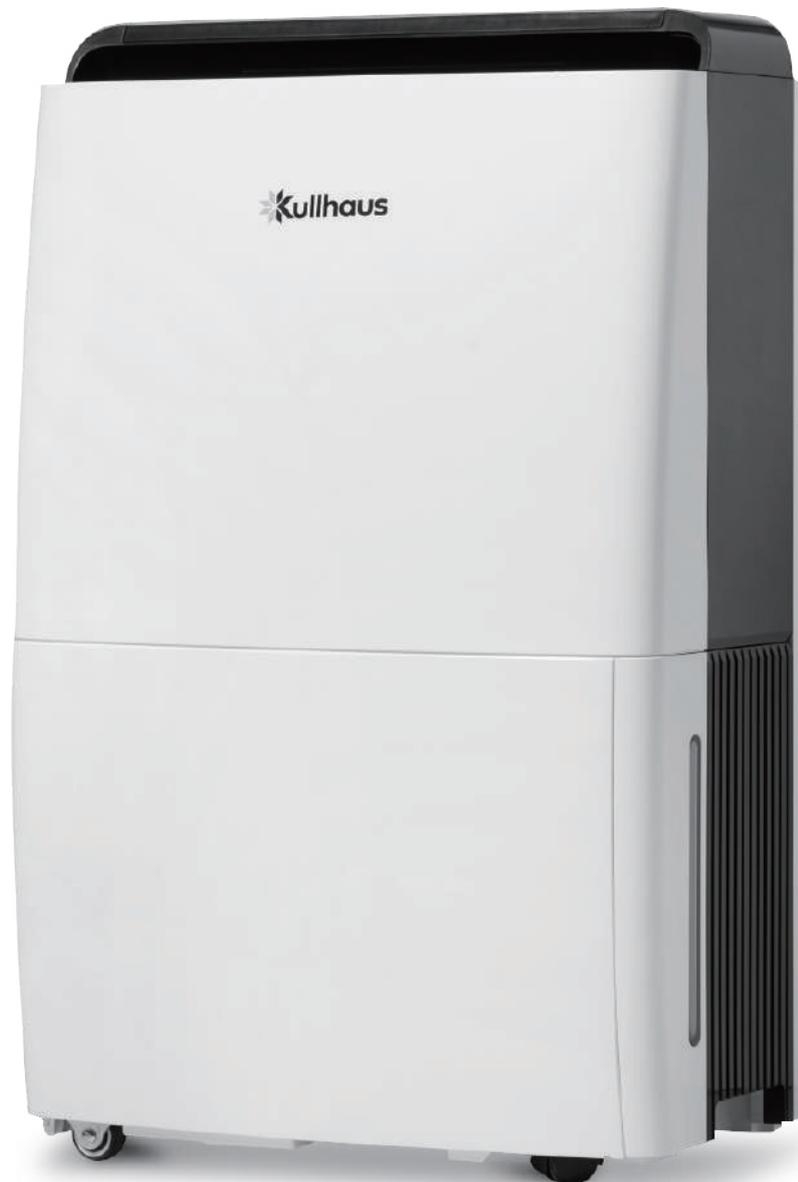


User manual
Dehumidifier

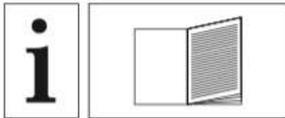
Qualis 12L ion / Qualis 20L ion



Thank you for choosing this product.
Please read this instruction manual before using it.

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Only for domestic use

Read the user manual before any use, refer to the corresponding section in this user manual.



Recycle unwanted materials instead of disposing of them. All appliances and packaging should be sorted and tendered at a regional recycling centre and be processed in an ecological manner.



The product conforms to the applicable European and other directives.

Safety Instructions



Warning

This appliance is 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 person injury or property damage.



Cautions

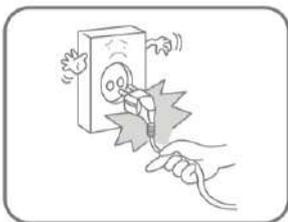


Wet hands not allowed

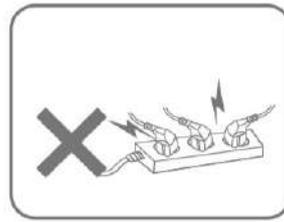


Warning

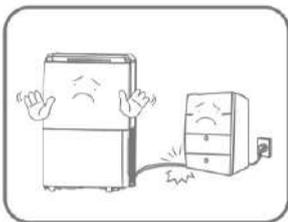
Power Cord



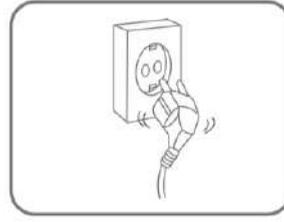
Do not pull the power cord in order to unplug the device from the socket.



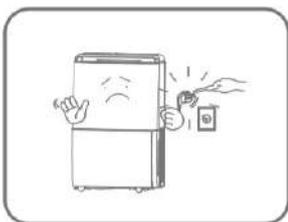
Do not use the appliance in overloaded extension cord.



Do not put any heavy objects on the power cord in order to avoid safety hazard.



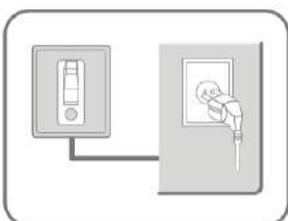
Do not use the appliance if its socket holes cannot firmly hold a plug.



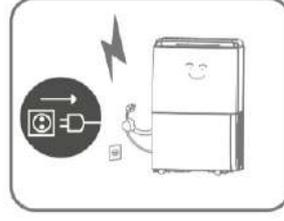
Do not attempt to change the power cord, contact the authorized service centre for repair.



Do not touch the plug with wet hands in order to avoid electric shock.



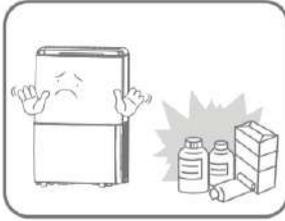
The socket has to be earthed and appropriately secured.



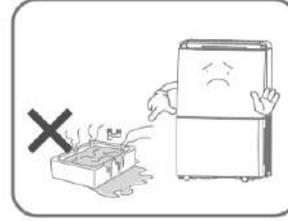
Please pull out the plug during lightning storms.

Safety Instructions

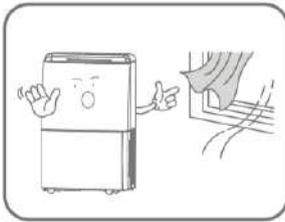
Placement



Do not put flammable and explosive objects around the appliance in order to avoid fire.



Do not use the appliance in swimming pool or similar facilities in order to avoid safety hazard.

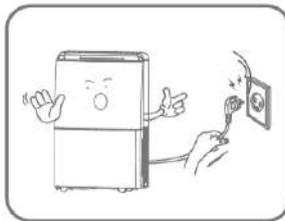


Do not use the appliance in a draughty place.

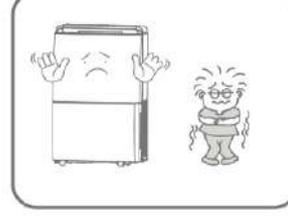


Place the appliance on a stable, flat surface.

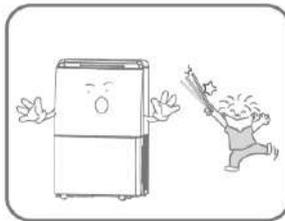
During Use



Please turn off the power and unplug the power cord before moving it.



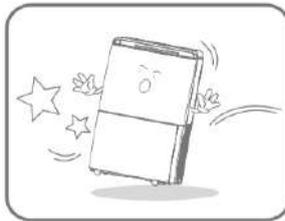
Do not let the old and sick people stay near the appliance for a long time in order to avoid lack of oxygen.



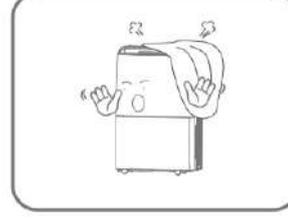
Children should be supervised to ensure that they do not place stick into the appliance.



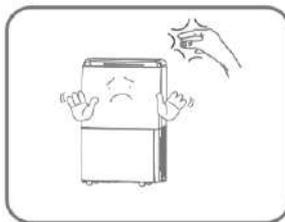
Do not put any heavy objects on the appliance in order to avoid malfunction.



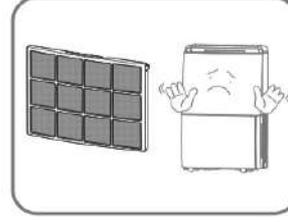
Do not push the appliance over or let the appliance suffer strong impact in order to avoid malfunction.



The appliance must not be covered when being used.



Do not put hands on the air outlet in order to avoid injury or malfunction.



Please install the air filter before using it.

Product Description

Components

1. Handle
2. Air Inlet Grille
3. Water Tank
4. Drainage Outlet
5. Power Cord Bracket
6. Power Cord
7. Rear Cover
8. Casters
9. Control Panel
10. Air Outlet
11. Front Cover

Control Panel

12. Power Button
13. Timer On/Off Button
14. Manual Dehumidifying Button
15. Fan Speed Buttons/Child Lock Button
16. Auto Button
17. Laundry Drying Button
18. Sleep Button
19. Anion Button
20. Auto Indicator
21. Laundry Drying Indicator
22. Sleep Indicator
23. Anion Indicator
24. Humidity Reading
25. Timer Indicator
26. Manual Dehumidifying Indicator
27. Tank Full Indicator
28. Defrost Indicator
29. Child Lock Indicator
30. Fan Speed Indicator

Drainage

31. Drainage Outlet Door
32. Drainage Pipe

Figure1

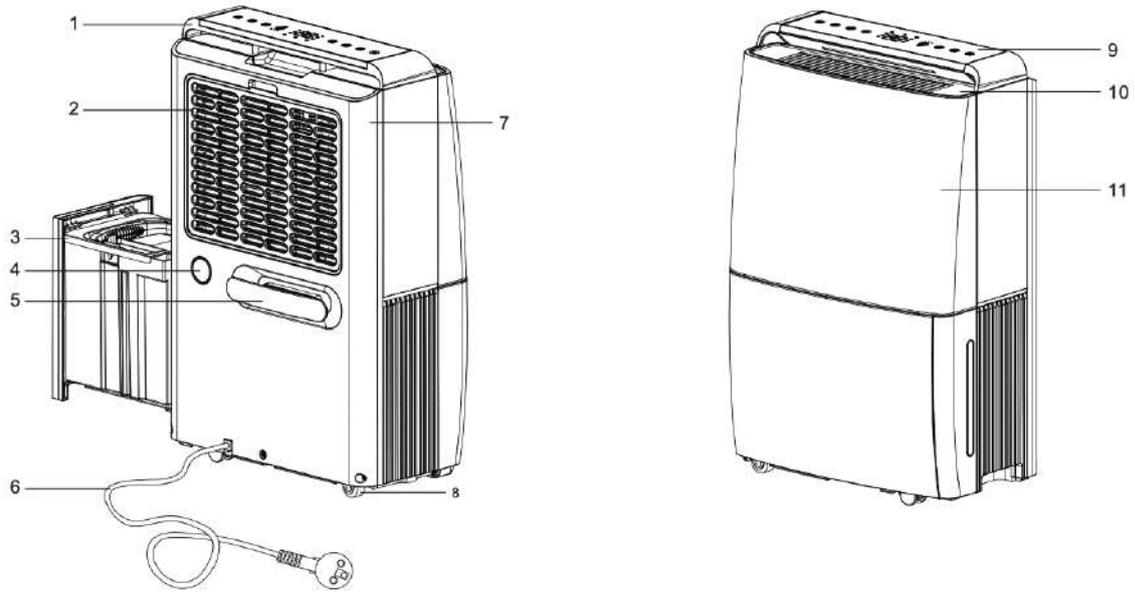


Figure2

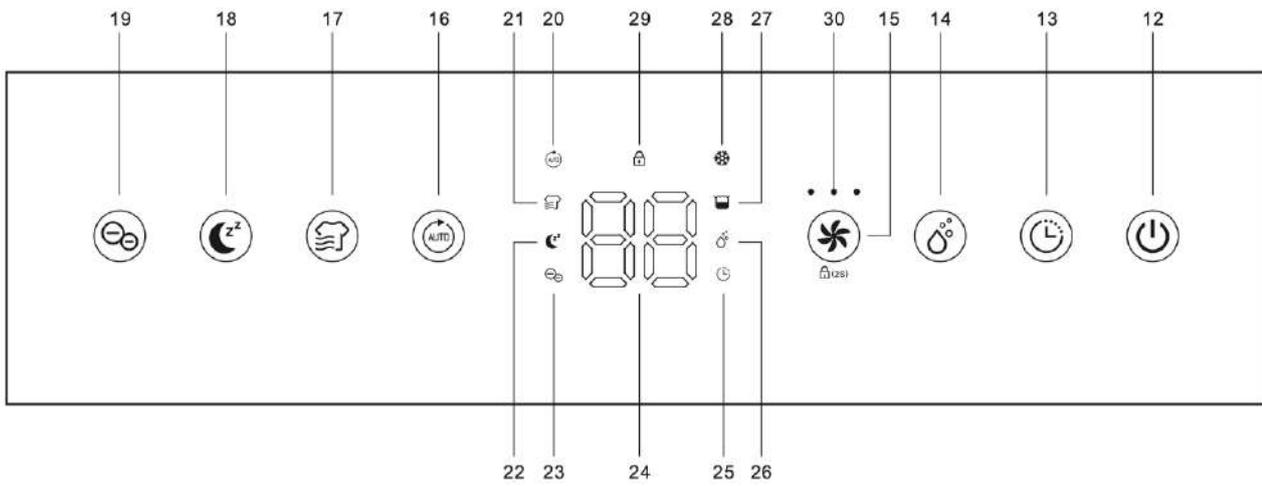
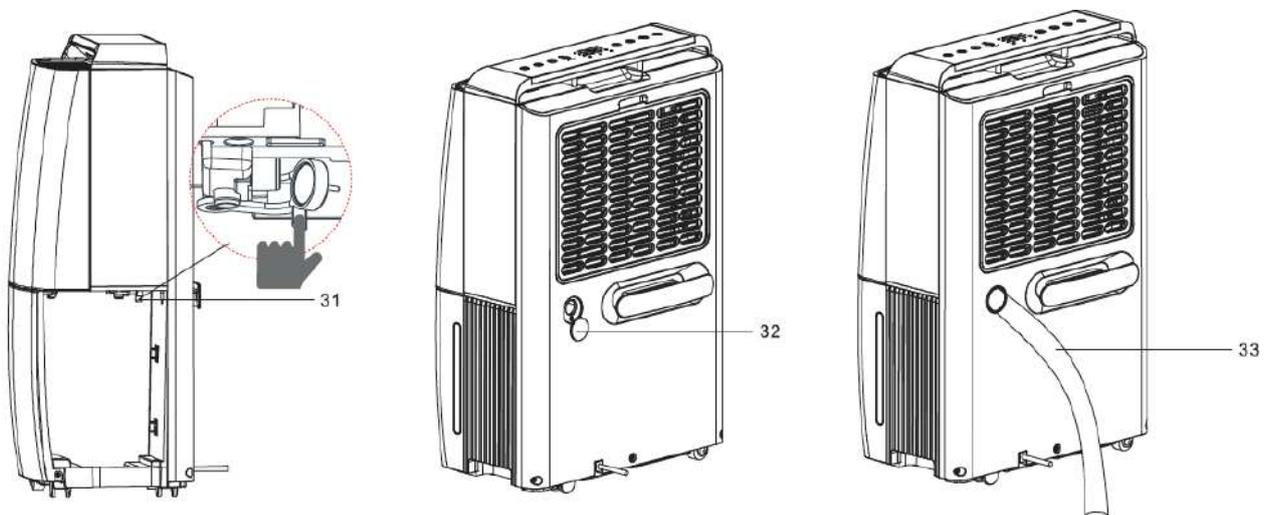


Figure3



Prior to Operation

- Place the dehumidifier in an upright position on a stable, flat surface.
- Ensure the dehumidifier is at a safe distance at least 50cm away from a wall or furniture.
- Supply power should be in correspondence with the value on the nameplate, power outlet needs to be grounded.
- Ensure the tank is correctly fitted, if the tank is full or not in place, the tank full light comes on and the dehumidifier will stop working.

Continuous Drainage

In general, water will be collected by tank, if you want continuous drainage, please do steps as follows:(refer to figure 3)

1. Unplug the drainage outlet plug.
2. Insert the drainage pipe with 14mm inner diameter into water outlet. Please always make sure the pipe is going downhill, is not blocked or kinked.

Operation Instructions

Safety Child lock Function [Fan speed button- 2 seconds]



Press the fan speed button for 2s to lock all buttons on the panel with a beeping sound, the same operation can unlock it.

Low Temperature Defrost Mode



When the ambient temperature is too low, dehumidifier will enter into the defrost mode, the unit runs with high fan speed without dehumidifying.

 Fan speed button is invalid.

Auto Shut off with Water Tank Full Indicator



The unit will enter into the standby mode when water tank is full or the water tank is not installed properly. After emptying the tank or install the water tank properly, the unit will go on to the previous mode.

 Except for the power button, all other buttons are invalid.

Operation Instructions

Laundry Drying Function [Laundry Drying button]



Press the laundry drying button to activate the laundry drying function, the unit runs in continuous dehumidification with high fan speed for 6 hours then switch off automatically.

 Fan speed button and timer button are invalid.

Sleep Mode [Sleep button]



Press the sleep button to activate the sleep function, the unit runs with a designated humidity setting of 55% along with the low fan speed. All indicators will be off 5s after the setting is completed (tri-color light stays on). Touch any button to activate the light, and to operate as usual.

 At Sleep Mode, both RH% level and fan speed setting are adjustable.

 With no further operation after activate the light for 30s, lights will be off again.

 When the water tank is full on sleep mode, water tank full indicator will always be on.

Ionizer Function [Ionizer button]



Press the ionizer button to activate the ionizer function to fresh up the air quality.

 Ionizer function will be off automatically when the fan stops working.

Operation Instructions

- Connect the power plug to the correct power supply; all indicators will light up and then will be off.
- Desired setting will be confirmed 3s after the operation.
- Tri-color light will reflect the environment humidity: **Red light:** RH%>65%; **Yellow light:** 55%≤RH%≤ 65%; **Green light:** RH%<55%.

Switch On / Switch Off The Unit [Power button]



Press the power button once to turn on the unit, the unit runs by default mode on manual continuous dehumidifying with mid fan speed.

- Press the power button to turn off the unit, it will stop working, fan will work for some seconds to blow out the hot air inside the unit.

Auto Switch On / Off Timer Function [Timer button]



At working mode, press the timer button to select your preferred timer hour from 00-24-00 for automatic switch off.
At standby mode, press the timer button to select your preferred timer hour from 00-24-00 for automatic switch on.

- Auto timer on/off setting will be cancelled if press timer button for 2 times in 5 seconds.
- Auto timer off setting will be cancelled if switch off the unit and switch on again.
- Auto timer on setting will be cancelled if switch on the unit by manual.

Operation Instructions

Fan Speed Option [Fan Speed button]



Press the fan speed button to select your preferred fan speed setting among low, medium, and high to meet the different usage requirements.

Fan speed button is invalid at laundry drying mode, auto mode and defrost mode.

Manual Dehumidifying Mode [Manual button]



Press the manual button to select your preferred humidity from CO-30%-35%-40%-45%-50%-55%- 60%-65%-70%-75%-80%-CO. CO means continuous dehumidifying regardless of ambient humidity.

At manual mode, all buttons are valid.

Auto Dehumidifying Function [Auto button]



Press the auto button to activate the auto dehumidifying mode, the unit runs automatically accordance to the ambient humidity detected below.

Ambient RH% detected	Indicator	Compressor	Fan Speed Level
RH%>65%	Red	Working	High
55%≤RH%≤65%	Yellow	Working	Medium
RH%<55%	Green	Stop Working	Low

Ionizer function will be off automatically when the fan stops working.

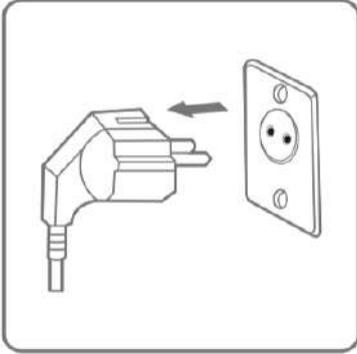
Operation Instructions

Memory Function:

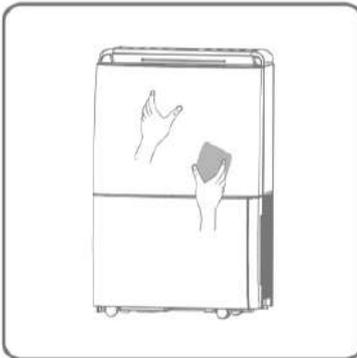
- a. When unplugged directly or power cut, then reconnected to the power supply, the dehumidifier will run with the mode prior to the shutdown. The timer setting will be kept.
- b. Press the power button to switch off the dehumidifier, and then press the power button to switch it back on. The dehumidifier will run with the mode prior to the shutdown. The timer setting will be cancelled.
- c. Switch off the device and unplug the power cord, then reconnect the power supply and switch on the dehumidifier. It will run as factory preset mode the first time you received the dehumidifier.

Cleaning

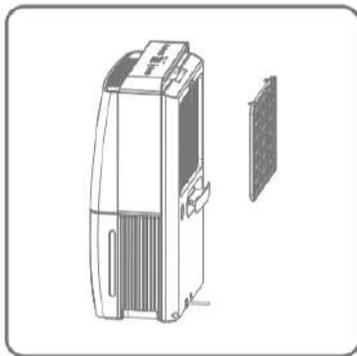
When used regularly, the filter may become clogged with dust and particles. Therefore the filter should be cleaned at least every two weeks. Follow these steps:



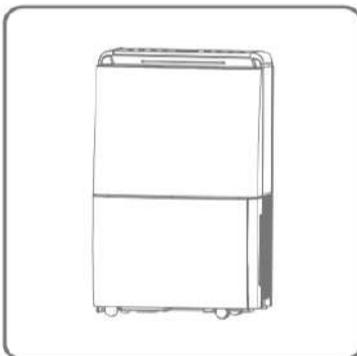
1. Switch the device off and remove the plug from the socket before cleaning.



2. Clean the housing with soft, dry cloth. If the device is extremely dirty, use a mild cleaning agent. Wipe the dehumidifier with a slightly damp cloth. Never spray the device with water.



3. Remove the filter, clean the filter with a vacuum cleaner or soapy water no hotter than 40°C.



4. Rinse and dry the filter completely before installing back to the device.

Storage

If the dehumidifier will not be used for a long period of time, take the following steps:

1. Remove the plug from the socket and empty the tank, make the tank and the dehumidifier dry completely, this may take a couple of days.
2. Clean the air filter .
3. Check the dehumidifier for perfect condition to ensure a safe use of it after a long period of storage.
4. Pack the device with the suitable packaging.
5. Store the dehumidifier in a dust-free and out of direct sunlight location, preferably covered with a sheet of plastic.

Display Error Codes

Please contact local distributor if any of the error codes below appears.

Display Code	E1	E2
Error	Temperature sensor error	Humidity sensor error
Display	Flash every 30 seconds	Flash every 30 seconds
What is happening	Device still dehumidifies but is in defrost mode only.	Device still dehumidifies but is in continuous dehumidifying mode only CO.

Trouble Shooting

Check the following before contacting technical support.

PROBLEM	POSSIBLE CAUSE	SOLUTION
The device does not work	The power is not connected	Insert the plug into the wall outlet
	The water tank is full	Empty the tank
	The tank has not been replaced correctly	Replace the tank correctly
Water removal capacity is too low	Runtime is too short	Be patient and wait
	Ambient temperature or humidity is too low	It is normal that the device does not dehumidify in these conditions
The device works, but reduces the relative humidity insufficiently	The room is too big	We recommend using a dehumidifier with a greater capacity
	There is too much ventilation	Reduce ventilation(e.g. close windows and shut doors)
	The air filter is clogged	Clean the filter
	Set humidity is higher than the ambient humidity	Set the humidity lower than ambient humidity
Dehumidifier is blowing out warm air	The dried air is passed over heating coils before it is blown into the room as part of the dehumidifying process	This is normal, a dehumidifier is not an air cooler
The display is not showing the humidity set point	The display shows the room relative humidity not the set point	Press the up or down button once to see the target relative humidity
Water on floor	There is residual water in tank, and the device is lurched too much by moving	Be careful when move the tank
The dehumidifier is noisy	The air filter is blocked or the device is on an uneven surface	Clean the filter or put the device on a flat surface

Technical Specifications

Model	Qualis 12L ion	Qualis 20L ion
Power Supply	220-240V~ 50Hz	220-240V~ 50Hz
Dehumidifying Capacity	12L/day (30°C 80%rh)	20L/day (30°C 80%rh)
	6,5L/day (27°C 60%rh)	11,71L/day (27°C 60%rh)
Power Consumption	145 watts	265 watts
Air flow	H: 135 M: 125 L: 105 m ³ /h	H: 150 M: 135 L: 120 m ³ /h
Fan speed	3	3
Water Tank Capacity	4.0L	4.0L
Noise Level	H: 43 M: 40 L: 37 dB(A)	H: 44 M: 42 L: 38 dB(A)
Operating Temperature	5°C-35°C	5°C-35°C
Timer	1-24h	1-24h
Refrigerant	R134a	
Net Weight	12 kg	13 kg
Product Size (WxDxH)	360 x 234 x 569mm	360 x 234 x 569mm

The above technical data are for reference only. We reserve the right to modify them without notice.



Conditions of Warranty

There is a two year warranty on your dehumidifier from the date of purchase.

The following applies:

1. Any repairs or replacement of components during the warranty period will be not result in an extension of the warranty period.
2. The warranty will expire if any alterations have been made, not genuine components have been fitted or if the dehumidifier has been repaired by a third party.
3. Components subject to normal wear and tear, such as the air filter, are not covered by the warranty.
4. The warranty is only valid on presentation of the original, unaltered, and date-stamped purchase receipt.
5. The warranty is not valid for:
 - Damages is caused by actions that deviate from those as described in the user's manual or by neglect.
 - Damages caused from intervention of unauthorized personnel.
 - Bad or insufficient maintenance.
 - Factors for which the production factory does not have any responsibility (variations in power supply beyond the specifications of the unit, etc.), connection in non-grounded power supply socket etc.
 - All claims for compensation, including consequential damage, will not be entertained.
6. In case of any unit's damage you should refer to the company that sold the unit.
7. The transportation costs from and back to technical department and the probable insurance of the units are under the customer's choice and responsibility.



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