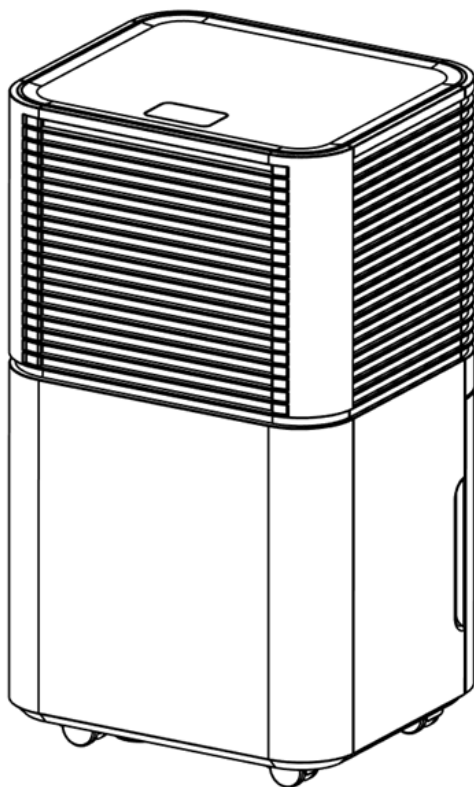


12L COMPACT DEHUMIDIFIER



Power Cable
1.5m

Product Weight
10KG

Timer
1-24 hour

Room Coverage
20-25m²

EN USER INSTRUCTION & OPERATION MANUAL

EN

Please keep this manual safe for future reference!

Thank you for purchasing this NETTA product.

Please read the user manual carefully before operating this appliance.

We will update our instruction manuals if necessary.

For the most up-to-date user manual, please visit our official website: www.nettadirect.com.

You can download a copy of up to date user manuals at any time in electronic format. We do not supply you with a paper-based user manual after each revision.

Require a larger version of this Instruction Manual?

Please download electronically
from our website and use PDF
reader on your device to enlarge
the text if needed.

www.nettadirect.com

Safety and Warnings

Intended Use

NETTA Design is for domestic and indoor use only. This product is not intended for use by people who have lack of experience and knowledge or have reduced ability, or sensory and mental capabilities.




Regular Check-Ups

Ensure the power cable and plug are not damaged before plugging into a socket.

General Warnings

The dehumidifier is used to remove excessive moisture from the air. The resulting reduction in relative humidity protects buildings and their contents from the adverse effects of excess humidity.

SYMBOLS FROM THE UNIT AND USER MANUAL

	Read the USER MANUAL carefully before operation.
	Further information is available in the USER MANUAL, SERVICE MANUAL, and the like.
	Service personnel are required to carefully read the USER MANUAL and SERVICE MANUAL before operation.

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.

General Warnings

- The refrigerant loop is sealed. Only a qualified technician should attempt to service!
- Do not discharge the refrigerant into the atmosphere.
- It collects first in low areas but can be circulated by the fans.
- If propane gas is present or even suspected, do not allow untrained personnel to attempt to find the cause.
- The propane gas used in the unit has no odor.
- The lack of smell does not indicate a lack of escaped gas.
- If a leak is detected, immediately evacuate all persons from the store, ventilate the room and contact the local fire department to advise them that a propane leak has occurred.
- Do not let any persons back into the room until the qualified service technician has arrived and that technician advises that it is safe to return to the store.
- No open flames, cigarettes or other possible sources of ignition should be used inside or in the vicinity of the units.
- Component parts are designed for propane and non-incentive and non-sparking. Component parts shall only be replaced with identical repair parts.

FAILURE TO ABIDE BY THIS WARNING COULD RESULT IN AN EXPLOSION, DEATH, INJURY AND PROPERTY DAMAGE



FOR YOUR SAFETY



Please read this manual carefully and fully understand before operating your dehumidifier.

General Warnings

OPERATIONAL PRECAUTIONS

WARNING: To reduce the risk of fire, electric shock or injury to persons or property:

- 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.
- The appliance shall be disconnected from its power source during maintenance.
- Always operate the unit from a power source of equal voltage, frequency and rating as indicated on the product identification plate.
- Always use a power outlet that is grounded.
- Unplug the power cord when cleaning or when not in use.
- Do not operate with wet hands. Prevent water from spilling onto the unit.
- Do not immerse or expose the unit to rain, moisture or any other liquid.
- Do not leave the unit running unattended. Do not tilt or turn over the unit.
- Do not unplug while the unit is operating.
- Do not unplug by pulling on the power cord.
- Do not use an extension cord or an adapter plug.
- Do not put objects on the unit.
- Do not climb or sit on the unit.
- Do not insert fingers or other objects into the air outlet.
- Do not touch the air inlet or the aluminum fins of the unit.
- Do not operate the unit if it is dropped, damaged or showing signs of product malfunction.
- Do not clean the appliance with any chemicals.
- Ensure the unit is far away from fire, inflammable, or explosive objects.
- The unit shall be installed in accordance with national wiring regulations.
- Do not use means to accelerate the defrosting process or to clean, other than those recommended by the manufacture.
- The appliance shall be stored in a room without continuously operation sources (for example: open flames, an operating gas appliance or an operating electric heater).

General Warnings

- The appliance shall be stored so as to prevent mechanical damage from occurring.
- Do not piece or burn, even after use.
- Be aware that refrigerants may not contain an odour.
- Pipework shall be protected from physical damage and shall not be installed in an unventilated space, if that space is smaller than 4m².
- Compliance with national gas regulations shall be observed.
- Keep any required ventilation openings clear of obstruction.
- The appliance shall be stored in a well-ventilated area where the room size corresponds to the room area as specified for operation.



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.

If you don't understand something or need help, please contact the dealer services.

SAFETY PRECAUTIONS ON SERVICING

Please follow these warnings when to undertake the following when servicing a dehumidifier.

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 minimized. For repair to the refrigerating system, the following precautions shall be complied with prior to conducting work on the system.

General Warnings

Work procedure

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

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.

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. no sparking, adequately sealed or intrinsically safe.

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.

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.

General Warnings

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.

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.

General Warnings

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.

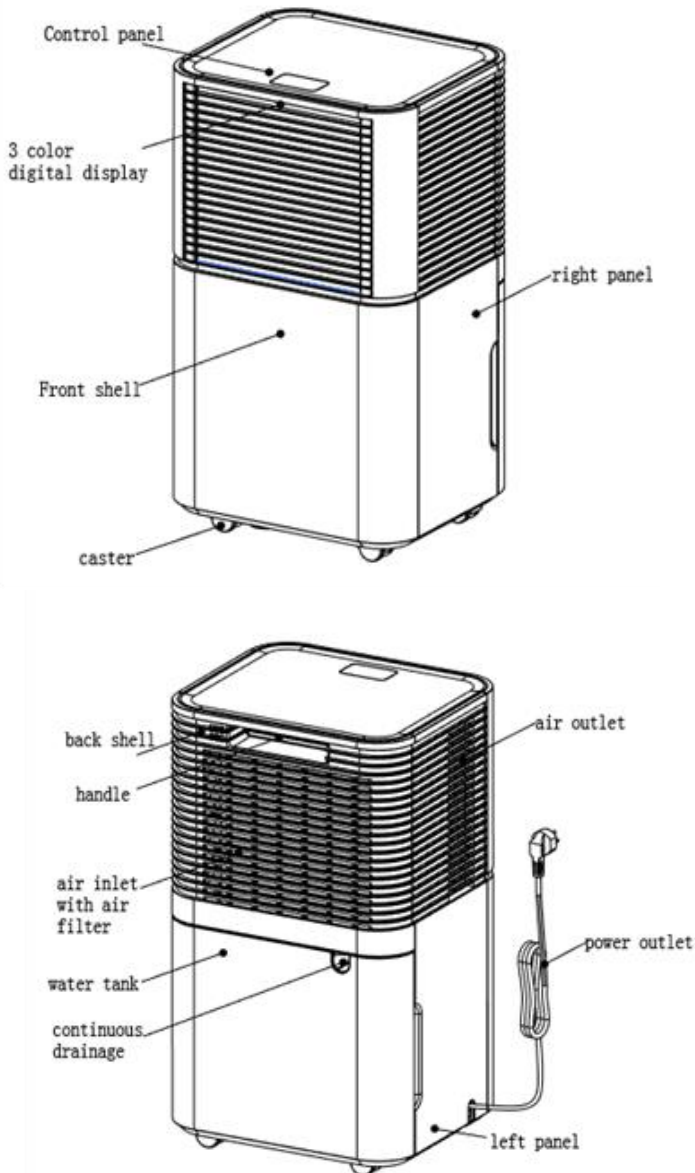
This shall be reported to the owner of the equipment, so all parties are advised.

Initial safety checks shall include:

- Those 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.

Assembling the Product

Product Overview



Assembling the Product

Specifications

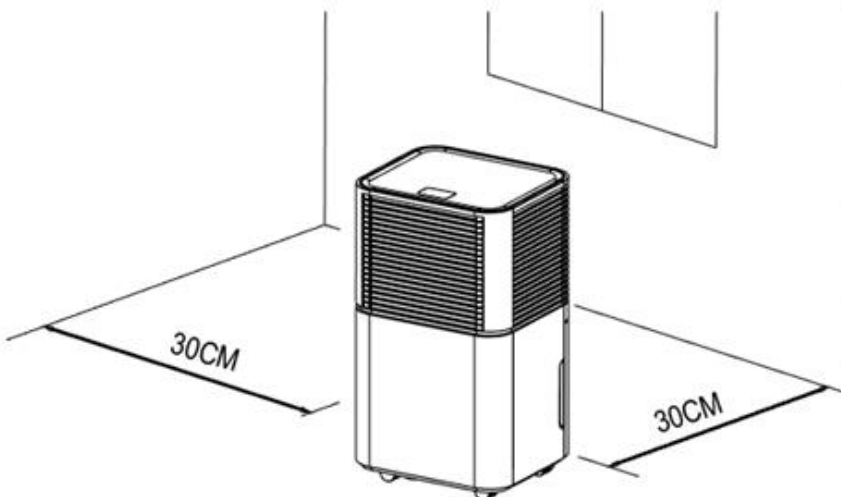
MODEL	OL12-D031BN
Dehumidification Capacity	8L/D(27°C, RH60%)
Rated Voltage	AC220-240V/60Hz
Rated Input Power/Current	188W/1.0A(27°C, RH60%)
Noise	≤38dB(A)
Water Tank Capacity	2.0L
Maximum Refrigerant Charge	R134a/80g
Net weight	10kg
Maximum Design Pressure	1.0MPa/2.5MPa
Minimum Room size	4m ² (floor area)
Dimension	250*220*445mm

Assembling the Product

Installation

Location

1. Place the unit on a firm, level surface in an area with at least 30cm of free space around it to allow for proper air circulation.
2. Never install the unit where it could be subject to :
 - Heat sources such as radiators, heat registers, stoves or other products that produce heat.
 - In an area where oil or water may be splashed
 - Direct sunlight
 - Mechanical vibration or shock
 - Excessive dust
 - Lack of ventilation, such as cabinet or bookcase
 - Uneven surface



Assembling the Product



WARNING

Install the unit in rooms which exceed 4m².

OPERATING THE DEVICE SAFELY

- Check the device after unpacking for any damages or scratches on it.
- Operate this unit in an ambient temperature from 5°C to 35°C.
- Do not use in the outdoors. This dehumidifier is intended for indoor residential applications only.
- Do not operate in close proximity to walls, curtains, or other objects that may block inlet and outlet.
- Keep the air inlet and outlet free of obstacles.
- Adjusting the wind deflector in the upward direction prior to start up.
- If tipped more than 45°, allow the unit to set upright for at least 24 hours before start up.
- Keep doors and windows close for better energy saving.
- Do not operate or store the unit in direct sunlight or rain.
- It is normal for air outlet to feel warm to touch after continuous operation on hot days.
- Empty the water tank before moving the device.
- Make sure the water tank is correctly fitted otherwise the unit will not operate properly.
- The dehumidifier starts up in the mode selected when the unit was last used.
- The dehumidifier starts dehumidifying if the room humidity is 3% higher than the selected humidity.
- There is a protective 3-minutes time delay of the compressor. Wait 3 minutes for the dehumidifier to resume dehumidification.

Operating the Product

Control Panel



After switching on the power, all the indicators and the screen will be on for 1 second and then off. After a buzzer, the power indicator will be on and the machine will be in standby mode. Press this button, the machine starts to run, the machine initial humidity is 60%RH, default automatic mode and high wind operation. Press this key again, the machine will stop running, and the fan will be closed.



Auto mode - continuously drying mode-sleeping mode cycle, press once to switch the mode from one to another, the corresponding indicator lights up.

- **Auto mode:** When environmental humidity \geq set humidity +3%, the fan starts working and compressor starts working after 3 seconds. When environmental humidity \leq set humidity -3%, the compressor stops working and the fan delay shutdown. Both fan speed and humidity can be adjusted under auto mode.
- **Continuously drying mode:** The machine continues to run, but the humidity cannot be adjusted.
- **Sleeping mode:** Touch the sleep button, the button lights up and start the sleep function. After no operation in 10 seconds, all indicators turn dark gradually and the wind speed is automatically

Operating the Product (continued)

switched from high to low. Touch any button to wake up the indicator. Touch sleep button again to exit the sleep mode. In sleep mode, the fault code is not displayed, the wind speed is not adjustable, and the humidity is adjustable.



HUM

In automatic mode or sleep mode, you can operate this key to adjust the set humidity: every time you press the set humidity increase by 5%, according to the cycle of 30%-80%. Long press this key to query the current room temperature, double eight lights display the current room temperature 5 seconds after the automatic return to display the current humidity. If this key is pressed for a long time, it will be displaying the ambient temperature.



TIMER

Press this key to set the timer function of 0-24 hours. The interval is 1 hour. Each time you press this button, the value is increased by 1 hour and then the corresponding timing value is displayed on the screen. The setting value to cancel the timer function is "00". After the timer is set, the timer LED is on during the timing period. After the timing is over, the timer LED turns off automatically.

In the running state, set the time to turn off the machine. in the standby state, set the time to turn on the machine.



SPEED

The wind speed can only be adjusted in automatic mode. Press this key to switch between high and low wind speed. The corresponding wind speed indicator lights up.



LOCK/ION

Press this button to turn on or off the ionizer purification function. Hold this button to set the child lock function. The child lock indicator light is on. All the keys are locked and cannot be operated. Hold this button again, the indicator light will go out, and all the keys will be restored.

Operating the Product

Color Digital Display:

Ambient Humidity < 45% - The light shows Blue

45 ≤ Ambient Humidity ≤ 65% - The light shows Green

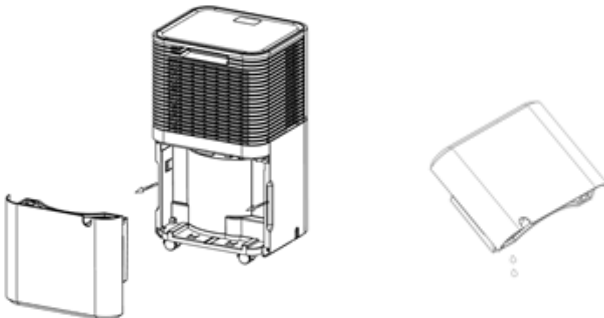
Ambient Humidity > 65% - The light shows Red

If the LED display shows E0, E2, CL, CH, LO, HI - The light will show red.

Drainage

Emptying the Water Tank

- When the tank is full, the unit will make a buzzing sound, and the “Water Full” light will turn on.
- Press the POWER button to turn off the unit.
- Pull on the water tank and simply slide out of the body of the dehumidifier.
- Empty the water into an area with a drain or outside.
- Clean the inside of the tank as well as the outside.
- Replace the empty tank back into the unit.
- Press the POWER button to resume operating.
- If the “Water Full” light does not extinguish, check that the float is correctly in place.

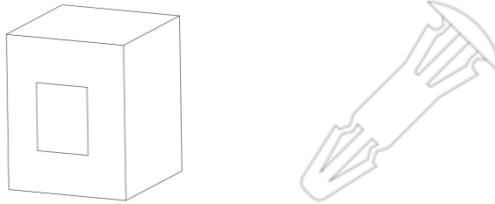


Operating the Product

Drainage (continued)

Warning

1. Do not discard water tank magnets and plastic rivets. Otherwise, the machine will not automatically stop working when the water tank is full, and the condensed water will overflow and damage the floor of the room.



2. Please be sure to clean the condensed water in the water tank before resetting the working mode of the machine.

3. If the water tank is dirty, rinse it with clean water. Avoid using detergents, steel balls, chemical dust removers, diesel oil, benzene, diluents or other solvents. Otherwise, the water tank will be damaged and leak

4. Replace the empty tank back into the unit. Otherwise, the water full indicator may remain red and the machine cannot restart.

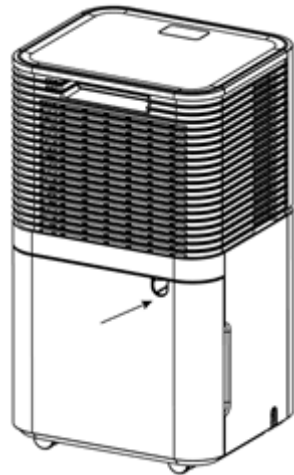
Operating the Product

Drainage (continued)

Continuous Drainage

For continuous operation or unattended dehumidification, please connect the attached drain hose to the unit. Condensate water can be automatically flow into a bucket or drain by gravity.

1. Straighten the drainage pipe
2. Insert one end of the drain into the drain into the cistern hole and connect the other end to the bathroom, outdoor or bucket like container, or the prescribed drainage area.



Warning

1. Please do not block the drain or drainpipe as, if this happens, condensed water will flow into the water tank.
2. Please do not bend the drainpipe. The height of the drainpipe should be lower than the outlet.
3. The drainpipe shall be securely connected to the outlet.

Cleaning, Maintenance and Storage

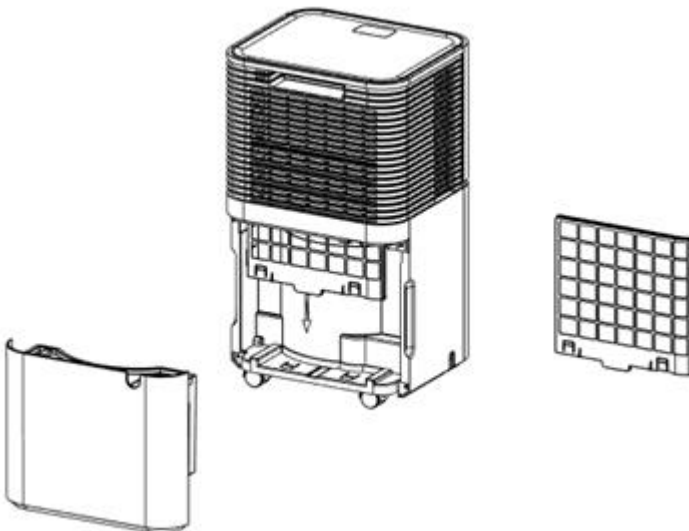
Note: Before cleaning and maintaining the machine, be sure to turn off the machine and pull the power plug to prevent electric shock.

Cleaning the Air Filter (every two weeks)

Dust collects on the filter and restricts the airflow. The restricted airflow reduces the efficiency of the system and if it becomes blocked it can cause damage to the unit.

The air filter requires regular cleaning. The air filter is removable for easy cleaning. Do not operate the unit without an air filter, or the evaporator may be contaminated.

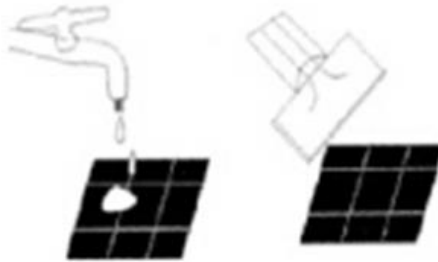
1. Take the water tank from the body, and then pull out the filter from the bottom of the rear shell:



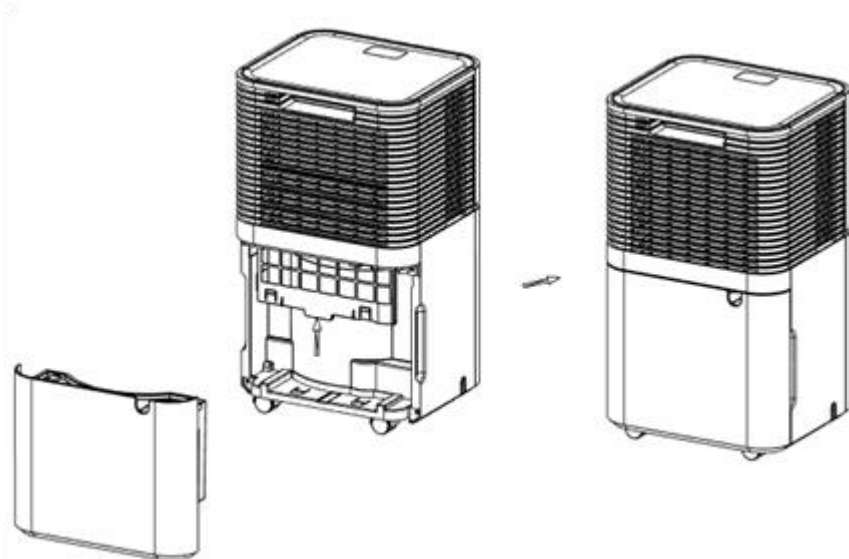
Cleaning, Maintenance and Storage

Cleaning the Air Filter (continued)

2. Use a vacuum cleaner to gently absorb the dust on the surface. If the filter is very dirty, wash it with water and a soft detergent and dry it thoroughly afterwards.



3. Put the filter back.



Cleaning, Maintenance and Storage

Storage

Long-Term Storage: If you will not be using the unit for an extended period of time (more than a few weeks) it is best to clean the unit and dry it out completely. Please store the unit per the following steps:

1. Press power button to switch off and unplug the unit.
2. Drain the remaining water from the unit.
3. Clean the filter and let the filter dry completely in a shaded area.
4. Collect the power cord at the water tank.
5. Re-install the filter at its position.
6. The unit must be kept in upright position when in storage.
7. Preserving the machine in ventilating, dry, non-corrosive gas and safe place indoor.

ATTENTION:

The evaporator inside the machine has to be dried out before the unit is packed to avoid component damage and molds. Unplug the unit and place it in a dry open area for days to dry it out.

Another way to dry the unit is to set the humidity point more than 5% higher than the ambient humidity to force the fan to dry the evaporator for a couple of hours.

Troubleshooting

Functioning Temperature

$5^{\circ}\text{C} \leq \text{Ambient Temp.} \leq 35^{\circ}\text{C}$

When the ambient temp is lower or higher than the functioning temp, the dehumidifier stops.

When $5^{\circ}\text{C} \leq \text{Ambient temp.} \leq 16^{\circ}\text{C}$, the compressor automatically defrosts at intervals; during defrosting, the compressor stops and the fan keeps running.

BEFORE CALLING FOR SERVICE

Before contacting professional service, please review the trouble shooting list (on the next page) that includes common occurrences that are not the result of a defect in workmanship or materials.

Troubleshooting

Problem	Possible Cause	Solution
Not working	No power supply	Connect to a functioning outlet and switch on
	Water Full Indication Flashes	Drain water tank and reset it, or re-position the water tank to right place
	Room temperature < 5°C, or > 35 °C	Self-Protection designed to protect the unit. Cannot work under such temperature
Bad functioning	Is the air filter clogged?	Clean the air filter as instructed
	Is the intake duct or discharge duct obstructed?	Remove the obstruction from the discharge duct or intake duct.
No air intake	Is the filter clogged?	Wash the filter
Loud noise when running	Is the machine put in the flat place?	Put the machine on the flat ground
	Is the filter clogged?	Wash the filter
E2	Humidity sensor problem	Change a sensor
LO	Environmental humidity is below 20%	The dehumidifier shuts down for self-protection
HI	Environmental humidity is above 90%	
CL	Low temperature protection, the environmental temperature < 5°C	
CH	High temperature protection, the environmental temperature > 38°C	

Spare Parts and Repairs

To order replacement parts, please go to www.nettadirect.com/parts.

You will need PDC information from your product, user manual or carton box. Alternatively, go to our website and use the search bar to find the parts available.

You can also find this code on the [back of this User Manual](#).

For our Repair Service, please contact our customer support via email at support@nettadirect.com. They will provide you with more details of the repair service offered by NETTA.

Disposal of Product

IMPORTANT INFORMATION FOR CORRECT DISPOSAL OF THE PRODUCT IN ACCORDANCE WITH EC DIRECTIVE 2002/96/EC.

DISPOSAL:

Please dispose of this product responsibly. This item cannot be disposed of in general waste. Please contact your local council authority for more information on how to dispose this product. If this product is disposed of with general waste, it will end up in a landfill and will leak hazardous substances into the groundwater – effecting our food chain.



Your Warranty

If you purchased with NETTADIRECT, or one of our authorised resellers, you will automatically enrol your warranty for 1 (ONE) year. You do not need to register again for your warranty. All warranties will be carried out our terms and conditions, including warranty conditions, which you can find out from our website at www.nettadirect.com.

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Product Dependency Code (PDC)

Your PDC is below:

PDC: OL12-BD031B
SKU: 104022

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