challenge®

10 LITRE DEHUMIDIFIER
INSTRUCTION MANUAL
MODEL NO. : MDN4-10DMN3-QA3



Thank you for selecting Challenge dehumidifier. Please be sure to read this manual carefully before using it. Keep the manual for future reference.

SAFETY INSTRUCTIONS

Please read the operating instructions carefully before using your dehumidifier for the first time.

1. Install the appliance on flat and hard place to avoid occurrence of vibration and noise.
2. Never immerse the appliance in water or other liquids.
3. Never operate the appliance if the cable or connector is damaged, or there is something abnormal may happen.
4. Disconnect the appliance from power supply when it is not in use, or before relocating or cleaning it.
5. Operate the appliance only at the voltage specified.
6. The appliance is for indoor use only, do not use it for other purpose.
7. Do not put heavy objects on the appliance.
8. Do not cover the unit.
9. To prevent spilling, empty the water tank before restarting the appliance.
10. Do not put the unit close to heat-generating devices or near flammable and dangerous materials, don't tip the appliance to any side as spilt water could damage the appliance.
11. Never insert any slim rod and hard object into the unit body to avoid occurrence of hazard or unit failure.
12. Always store the unit upright in order to maintain the compressor in a proper working condition. Leave the unit upright for at least 24 hours before operating.
13. Children should be supervised to ensure that they do not play with the appliance.
14. The appliance shall be installed in accordance with national wiring regulations.
15. Do not exceed the rating of the power outlet or connection device.
16. Do not operate or stop the unit by switching on or off the power.

17. Do not damage or use an unspecified power cord.

18. Do not modify power cord length or share the outlet with other appliances.

19. Do not insert or pull out plug with wet hands.

20. Disconnect the power if strange sounds, smell, or smoke comes from it.

21. Before cleaning, turn off the power and unplug the unit.

22. Do not drink or use the water drained from the unit.

23. Do not take the water bucket out during operation.

24. Do not use the unit in small spaces.

25. Do not put in places where water may splash onto the unit.

26. Do not cover the intake or exhaust openings with cloths or towels.

27. Care should be taken when using the unit in a room with the following persons:

Infants, children, elderly people,and people not sensitive to humidity.

28. Do not use in areas where chemicals are handled.

29. Never insert your finger or other foreign objects into grills or openings. Take special care to warn children of these dangers.

30. Do not place heavy object on the power cord and take care so that the cord is not compressed.

31. Always insert the filters securely. Clean filter once every two weeks.

32. If water enters the unit, turn the unit off and disconnect the power , contact a qualified service technician.

33. Do not place flower vases or other water container on top of the unit.

34. 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.

35. Keep the appliance and its cord out reach of children less than 8 years.

36. Prevent children from pulling on the mains cord or knocking the dehumidifier over.

37. The dehumidifier may be cleaned with a damp cloth.

⚠ Don’t try to repair, dismantle or remold such appliance, or it may make some damage. Even if the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.

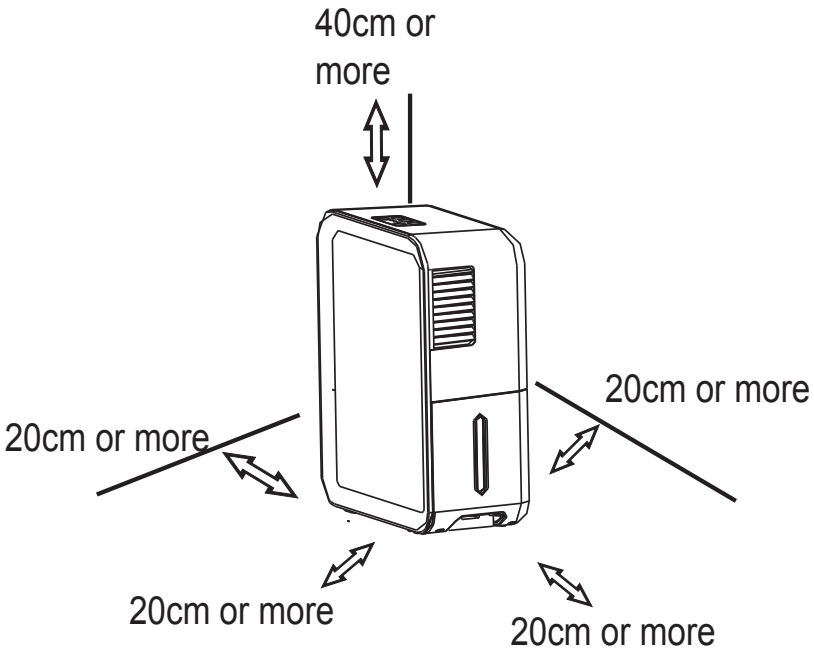
PLACEMENT

When positioning the dehumidifier, ensure that it is placed on a level surface and that there is a minimum of 10cm of space on either side of the unit to allow for efficient airflow.

We do not recommend the use of an extension lead, so please try to ensure that the unit is sufficiently close to a fixed main socket. If it is necessary to use an extension lead, please ensure the diameter of the wires of the cable is at least 1 mm^2.

When the dehumidifier is in operation, outside doors and windows should be closed when necessary for most efficient use.

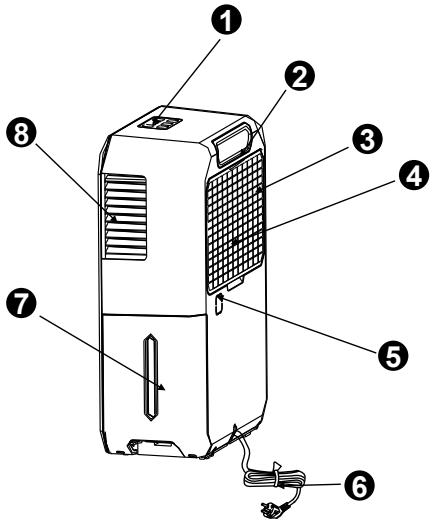
Make sure that there is no obstruction around the air inlet and the air outlet. The position of the air inlet and outlet is as below:



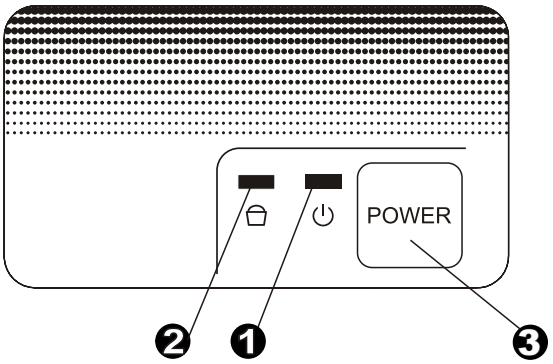
KNOW YOUR APPLIANCE

MAIN UNIT

❶ Control panel
❷ Handle
❸ Air inlet
❹ Air filter
❺ Drain hose outlet
❻ Power Cord and plug
❼ Water tank
❽ Air outlet grille



CONTROL PANEL



❶Power on indicator light(green)
❷Water full indicator light(red)
❸Power ON/ OFF buttons

Operation

❶ **Power on indicator light(green)**
This indicator light remains on(green) when the unit is switched on and turns dark when the unit is switched off.

❷ **Water full indicator light(red)**
Glows when the water tank is water full, or when the water tank is removed or not replaced in the proper position.

❸ **Power ON / OFF buttons**
Press to turn the dehumidifier on and off. The power on indicator illuminates(green) when the unit is switched on and turns dark when the unit is switched off.

Note：

1. Do not use the machine when the temperature is over 35℃ or below 5℃.
2. When the unit has been turned off, it cannot be turned on again within 3 minutes. This is normal and it is to protect the compressor to avoid any damage.
3. This unit is fitted with an auto defrosting function. When frost builds up on the evaporator coils, the compressor will cycle off and the fan will continue to run until the frost disappears.
4. While you have pressed the “Power ON / OFF buttons” to start the unit, it may have a 3 minutes delay start on the compressor. This is special design to protect the compressor and it is normal.
5. This product does not equip with humidity control. It will continue to operate until either water full or turn it off by yourself. Turn it off if you find the humidify of your room has decreased to desired level in order to save the energy.

DRAINAGE

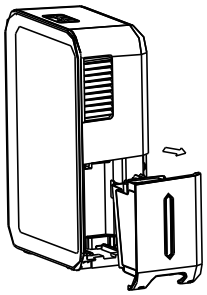
While the water tank is full, the compressor will stop and the water full indicator light(Red) will illuminate.

To remove the water tank, pull it out carefully from the unit.

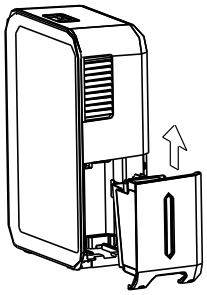
After empting the water tank, place the tank back to the unit. Make sure it is properly positioned, in order for the water full indicator light(Red) to go out and your dehumidifier is operating.

Please note, in case, the water tank has not been positioned well, the water full indicator light(Red) will still illuminate.

1. Pull out the bucket a little.



2. Hold both sides of the bucket with even strength, and pull it out from the unit. And pour the water out



CONTINUOUS DRAINAGE

When the dehumidifier is operated at very high humidity levels, the water tank will require more frequent drainage. In this situation, it may be more convenient to set the unit up for continuous drainage with the following procedures:

1 . Cut off the plastic cover located at drain hose outlet by a scissor. Remove the rubber water stopper in the drain hose outlet. Keep the rubber water stopper in a safety place for future use.

2. Prepare the water tube (not included) with 13.5 mm internal diameter and 1.5 mm thickness.

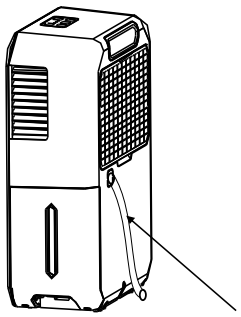
3. Connect the tube to the drain hose outlet at the back.

4. Ensure the water will always drain away freely and the tube will remain in right place & the water tank is in correct position.

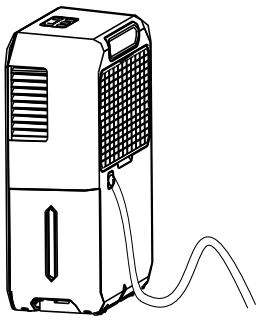
NOTE: In very cold weather conditions, precaution should be taken to prevent the water tube from freezing.

If it is no longer to use the continuous drainage, please follow the below procedures :

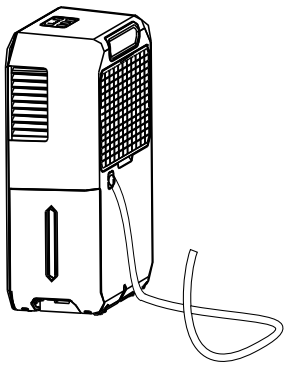
1. Remove the water hose from the drain hose outlet of the unit.
2. Insert the rubber water stopper to the drain hose outlet.



Cut off the plastic cover, then attach the water hose to the drain hose outlet.



Do not block water flow by a rise.



Do not block water flow by a retortion.

CLEANING

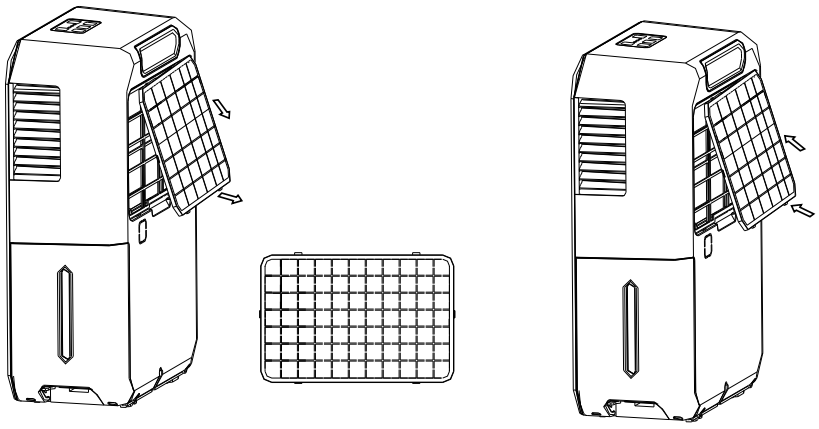
Always unplug the unit from the power supply before beginning cleaning to avoid electric shocks.

Housing

- Use a soft, damp cloth to wipe the cabinet clean. Never use strong chemicals, oil-based products, detergents, chemically treated cloths or other cleaning solution. These could damage the cabinet.

Filter

- It is recommended to clean the air filter once every two weeks.
- Grip the tab on the filter and pull it upward, then pull it out.
- Clean the filter with warm, soapy water. Rinse and let the filter dry before replacing it. Do not clean the filter in a dishwasher.
- Do not expose the filter to sunlight.



WARNING: Never operate the dehumidifier without the filters.

STORAGE

If not use the unit for an extended period of time. Please:

- Turn the unit off and unplug it from the mains.
- Completely empty the water tank and wipe it clean.
- Cover the unit and store where it will not receive direct sunlight.

TROUBLE SHOOTING

Never try to repair or dismantle the dehumidifier yourself. Incompetent repairs result in loss of warranty and can endanger the user and the property.

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 blinking? (the tank is full or in a wrong position)	Empty the water in the drainage tank and then replace the tank.
		The tank is not positioned correctly, pull it out and push it in again until the tank full indicator goes off.
	Is the temperature of the room above 5℃ or below 35℃?	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 instructions.
	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?	Clean the air filter as instructions.
Operation is noisy	Is the unit tilted or unsteady?	Move the unit to a stable, sturdy location.
	Is the air filter clogged?	Clean the air filter as instructions.
Power on indicator light (green) is flashing, i.e. 5 times per second.	Temperature sensor is out of order	Disconnect the unit from mains and connect back to mains after 5 seconds. If the issue is still happened, please return to store.

Remark:
Installs, services, maintains, repairs, checks for leaks or decommissions equipment and product recycling should be carried out by qualified person.

TECHNICAL DATA

Model	MDN4-10DMN3-QA3	
Mains		220V-240V ~50Hz
Power	W	320W
Ampere consumption	A	1.5 A
Dehumidification capacity (30℃ RH 80%)	L/24h	10 L/24h
Air volume(max)	m^3/h	110 m^3/h
Refrigerant load	g	R134a/90 g
Compressor		KANGPUSI QX42H
Recommended room size	m^2	Up to 31 m^2
Water tank	L	1.5 L
Dimensions(W*H*D)	mm	325*170*478 mm
Weight	Kg	9.5Kg
Fluorinated greenhouse gases are contained in hermetically sealed equipment. GWP:1430; 0.13 tonnes CO2 equivalent.		

Disposal Information



DISPOSAL: Do not dispose this product as unsorted municipal waste. Collection of such waste separately for special treatment is necessary.

This appliance is labeled in compliance with European directive 2002/96/EC for Waste Electrical and Electronic Equipment (WEEE). By ensuring that this appliance is disposed of correctly, you will help prevent any possible damage to the environment and to human health, which might otherwise be caused if it were disposed of in the wrong way.

The symbol on the product indicates that it may not be treated as normal household waste. It should be taken to a collection point for the recycling of electrical and electronic goods.

This appliance requires specialist waste disposal. For further information regarding the treatment, recover and recycling of this product please contact your local council, your household waste disposal service, or the shop where you purchased it.

For more detailed information about treatment, recovery and recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

CONNECTION TO POWER (FOR UK ONLY)

Before Switching on make sure that the voltage of your electricity supply is the same as that indicated on the rating plate.

MAIN CORD

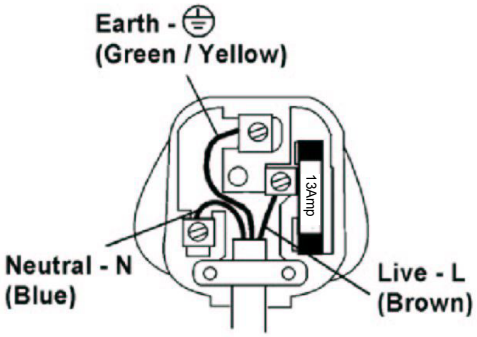
Wiring Instructions: Should it be necessary to change the plug please note the wires in the mains lead are coloured in accordance with the following code :

BLUE - NEUTRAL
BROWN - LIVE
GREEN AND YELLOW - EARTH

As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

1. The **BLUE** wire is the **NEUTRAL** and must be connected to the terminal which is marked with the letter **N** or coloured **BLACK**.
2. The **BROWN** wire is the **LIVE** and must be connected to the terminal which is marked with the letter **L** or coloured **RED.**
3. The **GREEN/YELLOW** is the **EARTH** and must be connected to the terminal which is marked with the letter **E** or ⏚ or coloured **GREEN OR GREEN/ YELLOW**.
4. Always ensure that the cord grip is positioned and fastened correctly.

If a **13 Amp (BS 1363)** fused plug is used it must be fitted with a 13 **Amp** fuse. If in doubt consult a qualified electrician.



Wiring for a 13 Amp Plug (BS1363)

Please note. The Earth Terminal is marked with the letter **E** or Earth Symbol ⏚.

IMPORTANT

If a 13 Amp (BS 1363) plug is used , it must be fitted with a 13 Amp Fuse conforming to BS1363 and be ASTA approved. If in doubt consult a qualified electrician who will be pleased to do this for you.

PRODUCT GUARANTEE

This product is guaranteed against manufacturing defects for a period of



Year

This product is guaranteed for twelve months from the date of original purchase.

Any defect that arises due to faulty materials or workmanship will either be replaced, refunded or repaired free of charge where possible during this period by the dealer from whom you purchased the unit.

The guarantee is subject to the following provisions:

- The guarantee does not cover accidental damage, misuse, cabinet parts, knobs or consumable items.
- The product must be correctly installed and operated in accordance with the instructions contained in this manual. A replacement copy of this instruction manual can be obtained from www.argos-support.co.uk
- It must be used solely for domestic purpose.
- The guarantee will be rendered invalided if the product is re-sold or has been damaged by inexpert repair.
- Specifications are subject to change without notice.
- The manufacturer disclaims any liability for the incidental or consequential damages.
- The guarantee is in addition to, and does not diminish your statutory or legal rights.

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