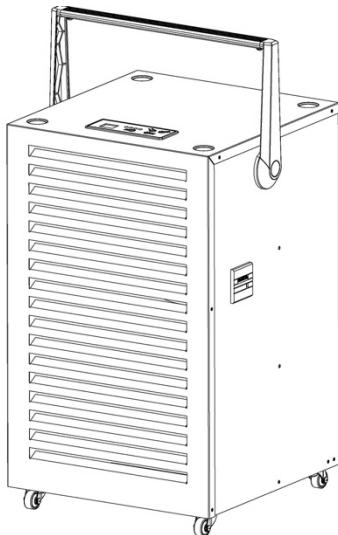


DEHUMIDIFIER

Arida NICS K30



☆ Read and retain these instructions for future reference

Specification

Model no.	Arida NICS K30
Power supply	220-240V/50Hz
Test condition	DB 30°C, RH 80%
Dehumidification capacity	30L/day
Power /Ampere consumption *	500W/2.20A
Air volume (max.)	200 m³/h
Fan speed	1
Hourmeter	Yes
Compressor	Rotary
Refrigerant	R290/120g
Working range	5 ~ 35°C
Water tank	6.5L
Size (WxDxH)	358x338x550 mm
N.W.	18.5 kg

- The data marked with * may vary for technical reasons. For greater precision, please refer to the rating label placed on the product.
- Test condition for data in our rating label is as per safety regulation: EN 60335-2-40

Where to position

Excess moisture will travel throughout your home, in the same way that cooking smells waft to every room in the house. For this reason, the dehumidifier should be positioned, so that it can draw this moist air towards it from all over the home.

Alternatively, if you have a serious problem in one area you can begin by positioning the dehumidifier close to this area and later moving it to a more central point.

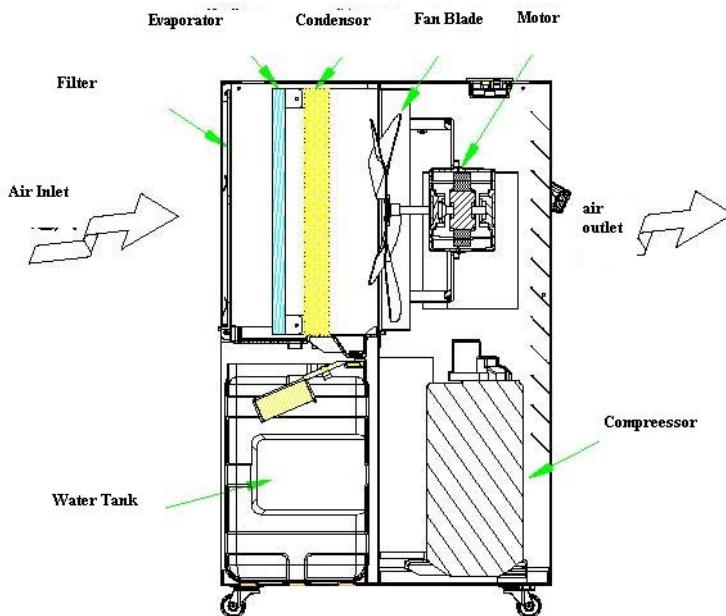
When positioning the dehumidifier, ensure that it is placed on a level surface and that there is a minimum of 10 cm (4") of space on either side of the unit to allow for efficient airflow.

This dehumidifier is fitted with castors for extra mobility, if you move the unit, it should first be switched off and the water tank emptied.

We do not recommend the use of an extension lead, so please try to ensure that the unit is sufficiently close to a fixed mains socket. If it is necessary to use an extension lead, please ensure the diameter of the wires of the cable is at least 1 mm².

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

How it works



This product is a dehumidifier. It controls relative humidity by passing the air through the unit, forcing the excess moisture to condensate over the cooling elements. Contact with this cold surface causes the moisture in the air to condense. This condensed water then drains safely into the water tank. The dried air then passes through the condenser where it is slightly warmed and re-enters the room at a slightly elevated temperature.

Before use



- These symbols on your device mean:
- This appliance is filled with Propane gas R290. Follow strictly the manufacturer's instruction concerning use and repairs!
- Before using the machine, read carefully the entire instruction manual.
- Do not install, operate or store the device in a room smaller than 4m².

General Cautions

- FOR INDOOR USE ONLY.
- Do not use in cabinet, closet, boats, caravans or similar locations.
- Do not use the unit in swimming pools, washrooms or similar wet areas.
- Leave the unit to stand for 12hours before connecting to the mains supply after transport or when it has been titled (ex. During cleaning).
- Only use the unit in the upright position on a flat level surface (even during transport!) and at least 50cm from any objects.

- Do not use the unit in a potentially explosive environment containing combustible liquids, gases or dusts.
- Do not use the appliance in the vicinity of flammable or explosive substances or fuels. Never use any paint, cleaning sprays, anti-insect sprays or similar near the unit; this could deform the plastic or cause electrical damage.
- Ensure that there is at least 50cm between the sides of the appliance and any flammable, heating materials.
- Do not place objects on the unit or restrict air inlet/outlet.
- Avoid the unit from splash.
- Closely supervise any children and pets when the unit is in use.
- 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 APPLIANCE.
- Cleaning and user maintenance shall not be made by children without supervision.
- Switch off and unplug the unit when not in use.
- Never leave a functioning device unsupervised.
- Do not pull the unit along by the cord.
- Avoid over-twisting, -coiling, -pulling the power cord, never use nylon or iron wire to tide the power cord.

- Make sure that the plug and socket remain visible and accessible at all the time.
- Do not use extension cords.
- Never reach to retrieve the unit if it has fallen in water. In such case, immediately pull the plug. Have the unit checked before using it again.
- IF THE SUPPLY CORD IS DAMAGED, IT MUST BE REPLACED BY AN ELECTRICIAN OR SIMILARLY QUALIFIED PERSON, TO AVOID HAZARD.
- THE MAINS SUPPLY MUST CONFORM TO THE SPECIFICATION SHOWN ON THE RATING PLATE AT THE BACK OF THE UNIT.
- The appliance shall be installed in accordance with national wiring regulations.
- Do not exceed the recommended room size for max. efficiency.
- Close the doors and windows.
- Keep curtains or blinds closed during the sunniest hours of the day.
- Keep filters clean.
- Once room has reached the desired conditions, reduce the setting for temperature and ventilation.
- Do not turn on the appliance if you have discovered damage to the appliance, cord or plug, if the appliance is malfunctioning or if there are signs of any other defect. Return the complete product to the vendor or to a certified electrician for inspection and/or repair. Always ask for original parts. The appliance (incl. cord and plug)

may only be opened and/or repaired by properly authorized and qualified persons.

- Suggest to send the unit for professional maintenance periodically.
- ONLY A LICENSED PROFESSIONAL IS ALLOWED TO DISMANTLE OR MODIFY THE APPLIANCE.
- THE MACHINE IS TO BE USED ONLY FOR ITS PRESCRIBED PURPOSE. ANY OTHER USE IS DEEMED TO BE A CASE OF MISUSE. THE USER/OPERATOR, NOT THE MANUFACTUER WILL BE LIABLE FOR ANY DAMAGE OR INJURIES OF ANY KIND CAUSED AS A RESULT OF THIS.

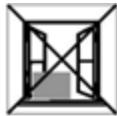
Safety relating to refrigerant R290:

- Read these warnings carefully.
- This appliance contains the refrigerant R290. R290 is a refrigerant that complies with the relevant European Directives. Never perforate the refrigerant circuit. R290 is flammable (GWP3)!
- 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 any of the components of the cooling circuit of the unit. Do not set light to the unit.
- The appliance shall be stored so as to prevent mechanical damage from occurring.

- Appliance should be installed, operated and stored in a room with a floor area larger than 4m².
- Be aware that the refrigerants may not contain an odour, which means you cannot smell leaks..
- Compliance with national gas regulations shall be observed.
- Keep ventilation openings clear of obstruction.
- A warning that 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 on the grounds 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.

IMPORTANT!

Do not use this unit with temperatures lower than 5°C, to prevent the possibility of a heavily ice up evaporating coil.



Exposed to the weather outdoors



Near water



If the power cable wires are frayed or cut



Where small children may be left unattended



If an extension lead may become overloaded



Where the power cable may be damaged



On a slope or uneven surface



Where there is risk of fire or close to a naked flame



Where it may be damaged by chemicals



Where there is a risk of interference by foreign objects

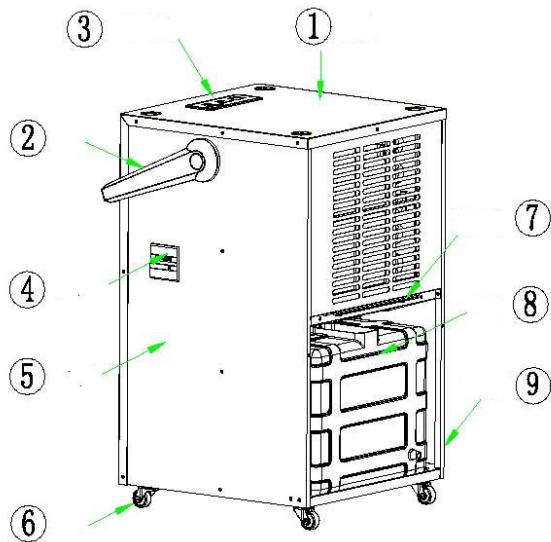


This product is not made for DIY repair



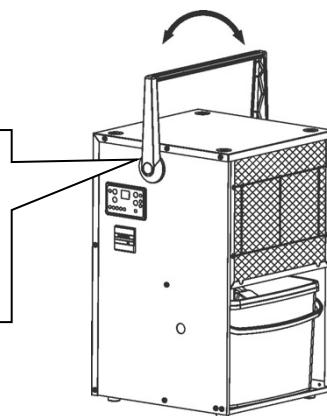
If there is a risk of water falling on the unit

Parts

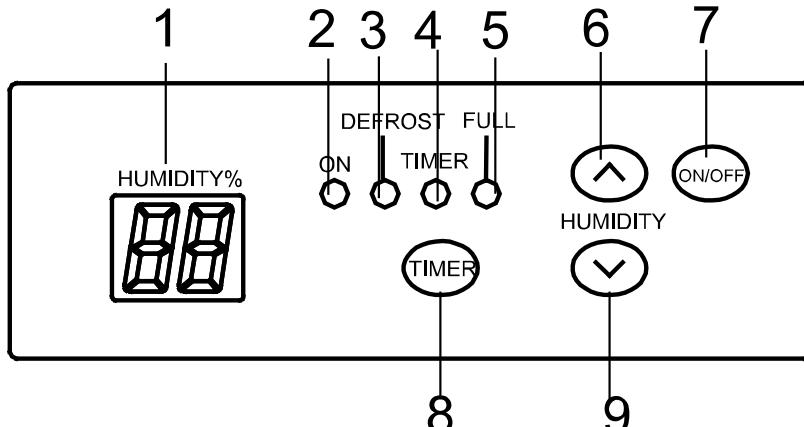


- 1. Metal housing
- 2. Handle
- 3. Control panel
- 4. Hour meter
- 5. Left plate
- 6. Caster
- 7. Filter
- 8. Water tank
- 9. Right plate

By pressing the button at the 2 ends of the handle, the position of the handle can be adjusted.



Control panel



1. Humidity display
2. Operation indicator
3. Defrost indicator
4. Timer indicator
5. Water tank full indicator

6. Humidity up button
7. ON/OFF (power) button
8. Timer button
9. Humidity down button

OPERATION :

1. Plug the unit into a correct mains socket. (Please refer to the rating label at the rear of the unit for correct voltage/frequency.)
2. Press ON/OFF button to turn on the unit. In the first time to use this machine, if press only ON/FF button but not set Memory, the compressor will run if the room humidity is higher than 50%
3. Press button Humidity up and Humidity down for setting required humidity. The setting range is 40%~80%, 1% will be added or reduced for each press. The set humidity will be shown in the LED display for 8 seconds, after 8 seconds, the display window will return to the room humidity ***As the set humidity has been reached, the compressor will stop working automatically.***

** LED Humidity range is 35%~95%, when the room humidity is less than 35%, the LED display shows "LO", when the room humidity is higher than 95%, it shows "HI"

4. To turn off the unit, press ON/OFF button again.
5. This unit is with memory function, if you re-switch the unit as the power is still on, it will revert to your previous setting. However, if you re-switch it as the power has been once disconnected, it will work at its default setting: continuous drainage.
6. The compressor used in the unit is with “3 minutes” life protection, i.e. once the compressor stops, it will only run again after 3 minutes

HOT GAS DEFROST :

1. Unit is with Hot Gas defrost. After running 30 minutes, the coil sensor will detect the coil temperature, while the coil temperature is $\leq -1^{\circ}\text{C}$, unit will enter hot gas defrosting mode, and the Defrost indicator is on. During defrost period, the compressor and fan keep running. It will take 5 minutes for defrosting. (if the coil temperature raises up to 10°C , the unit will also drop out from defrosting mode)

AUTO-RESTART

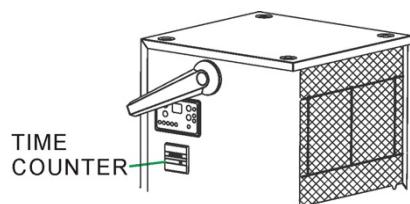
1. This unit is with auto-restart function, the unit will resume to last-setting mode after the power is on again.

TIMER:

By pressing Timer button, the Timer indicator is on and the unit can be set up from 1~24hrs programmable.

TIMER COUNTER

1. Special Hour meter to count the machine operation time.
2. 7 digital letters to calculate the used time, special for rent.
3. Digital letters will count-on continuously, never back to “zero”.

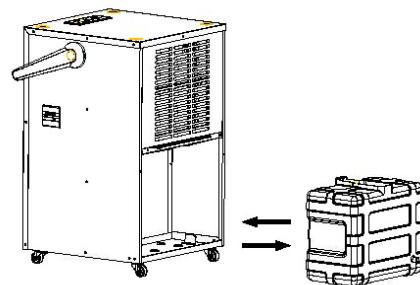


Drainage

Please note, in case, the water tank has not been positioned well, the water full indicator will turn into red. While the water tank is full, the compressor will stop for self-protection and the "Water Full" indicator will turn into red and buzz.

To move the water tank, pull it out squarely from the unit.

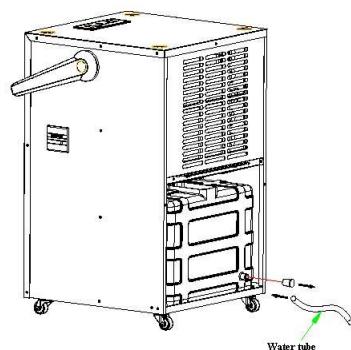
After emptying the water tank, place the water tank into space. Make sure it is properly positioned, in order for the 'water full' sign to go out and your dehumidifier is operating.



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:

- Remove the drain knob and rubber plug and retain for future use.
- Connect the drain tube supplied to the water outlet as shown and locate the other end into a drain.



Maintenance

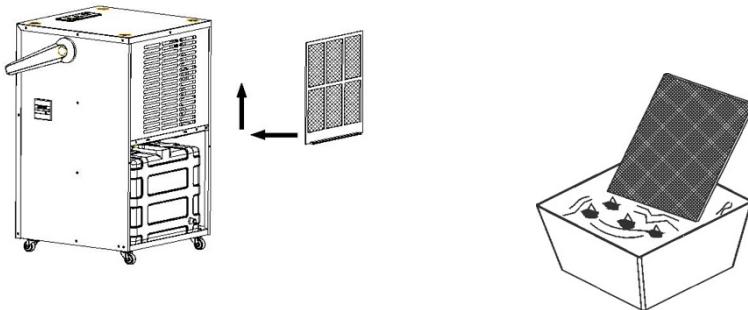
Always unplug the unit from the mains before carrying out any maintenance or cleaning of the unit.

CLEANING THE BODY

Use soft cloth to wipe the unit clean.

Don't ever use volatile chemicals, gasoline, detergents, chemically treated clothes, or other cleansing solutions. These all could possibly hurt the cabinet.

CLEANING THE FILTER



- Extract the filter from the unit.
- Use a vacuum cleaner or tap the filter lightly for easy cleaning. If the filter is particularly dirty, use warm water with a small amount of medium strength.
- Make sure the filter is completely dry before replacing.
- Do not expose the filter to sunlight.

STORAGE

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

- Turning the unit off, unplug and tidy AC cord.
- Completely empty the water tank and wipe it clean.
- Cover the unit and store where it will not receive direct sunlight.

Trouble shooting

THE UNIT DOES NOT OPERATE:

- Is the unit plugged in?
- Is the house electricity on?
- Is the room temperature below 5°C or above 35°C? If so, then it is out of the working range of the unit.
- Ensure the ON/OFF switch is turned on.
- Check the water tank is positioned properly in the unit and it is not full.
- Make sure the air inlet and outlet are not obstructed.

THE UNIT SEEMS TO DO NOTHING:

- Is the filter dusty, contaminated?
- Is the air intake or outlet blocked up?
- Is the room humidity already quite low?

THE UNIT SEEMS TO DO LITTLE:

- Are too many windows or doors open?
- Is there something in the room producing lots of humidity?

THE UNIT IS TOO NOISY:

- Check whether the unit is sitting on a level surface.

THE UNIT IS LEAKING:

- Make sure the unit is in good shape.
- If you are not using continuous drainage, make sure the rubber plug (at the bottom of the unit) is in its position,

All electrical and electronic equipment for private households, which is sold within the EU must fulfill the following requirements for user manual and labeling:

- 1) All electrical and electronic equipment must be labeled with symbol indication separate collection (dustbin logo)
- 2) Information for users must be given in the user manual:
 - a) requirements not to dispose equipment as unsorted municipal waste and to collect such equipment separately.
 - b) Available return and collection systems
 - c) Users role in contributing to reuse, recycling and other forms of recovery of equipment
 - d) Potential effect on environment and human health as a result of the presence of hazardous substances in this equipment.
 - e) Meaning of dustbin symbol.



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