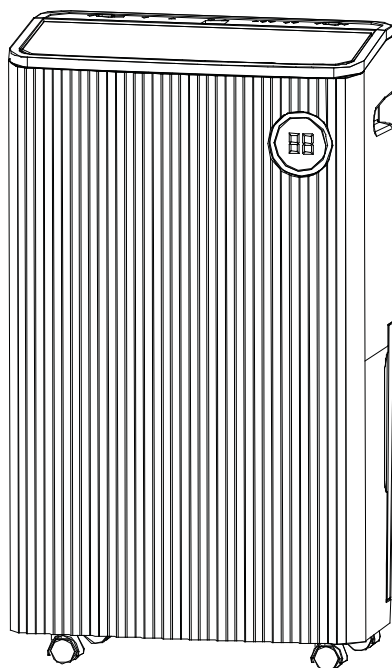




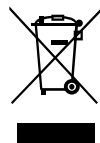
IN230500568V01_UK

821-024V70



Dehumidifier

**UK
CA**




IMPORTANT, RETAIN FOR FUTURE REFERENCE: READ CAREFULLY


INSTRUCTION MANUAL

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**Thank you for choosing this dehumidifier.
Please read this instruction manual carefully
before installing this appliance. Keep this manual
safe for future reference.**



Precautions

SAFETY INSTRUCTIONS

PLEASE READ AND SAVE THESE IMPORTANT SAFETY INSTRUCTIONS.

When using electrical appliances, always follow basic safety precautions to reduce the risk of fire, electric shock and injury to persons. These include the following:



WARNING: To avoid the risk of electric shock, fire or injury to persons, always unplug the appliance before moving, servicing or cleaning it.

- Use this appliance only as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock or injury to persons.
- The appliance is not to be used by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge unless they have been given supervision or instruction.
- Never place anything on top of the appliance.
- Small children must be constantly supervised when near this appliance.
- Do not cover the appliance whilst in use.
- Do not submerge the appliance in water.
- Dispose of water collected from the appliance. This water is not drinkable.
- Ensure there is at least 50cm of space on all sides of the appliance.
- Do not leave children alone or unattended when the appliance is in use.
- Children must not clean or maintain this appliance unless continuously supervised.
- Place the appliance on a flat, stable and dry surface, ensuring it is in an upright position. Operating the appliance in any other position could be hazardous.
- Do not place the appliance against a wall or other appliances.
- Do not cover the appliance or restrict the airflow of the inlet or exhaust grills whilst in use.
- Do not operate the appliance with wet hands.
- Do not use this appliance near water or in the immediate surroundings of a bathtub, shower or swimming pool.
- Ensure water or other liquids do not get into the interior of the appliance - this can cause a fire or electrical hazard.
- Do not use mechanical devices to accelerate the appliance's defrosting process.
- Do not place the continuous drainage hose outside when the temperature falls below 1°C.
- Do not use the appliance without the air filter.
- This appliance is intended for indoor household use. Do not use outdoors.
- Never leave the appliance unattended while in use. Always turn off and unplug the appliance when not in use.
- Avoid placing the power cord in areas where it can become a tripping hazard. Do not place the power cord under carpeting or cover it with rugs, runners or anything similar.
- To avoid a circuit overload when using this appliance, do not operate other high-wattage appliances on the same electrical circuit.
- Always plug the appliance directly into a wall socket. Avoid using extension leads where possible as they may overheat and cause a risk of fire.
- Do not use this appliance with an external programmer, timer switch or any other device which would turn the appliance on automatically unless this has already been built into the appliance by the manufacturer.
- Do not pull on the power cord. Never move, carry or hang the appliance by its power cord.
- Do not kink or wrap the power cord, as this may cause the insulation to weaken or split, particularly where it enters the appliance.

- Only use the appliance with the power adapter provided. Do not use chargers or power adapters - this can damage the product or battery.
- Do not operate the appliance with the water tank removed.
- Ensure the mains cable is fully extended before use, ensuring it does not touch any part of the appliance.
- Do not operate the appliance with the safety guards.
- Do not attempt to adjust or repair any part of this appliance. This is unsafe and will void your warranty.
- Ensure that the mains supply (including voltage, frequency and power) complies with the rating label of the appliance.
- Do not use the appliance near petrol, paint, flammable gases, ovens or other heating sources.
- Never insert fingers or metal objects into the vents and openings of the appliance.
- If there are signs of damage to the appliance, power cord or any of the accessories supplied, do not use this appliance. Damaged supply cords must be replaced by the manufacturer, its service agent or a similarly qualified person to avoid a hazard.

SPECIFIC INFORMATION REGARDING R290 REFRIGERANT GAS

- The appliance must be installed, used and stored in area that is greater than 4m².
- This appliance contains 55g of R290 refrigerant gas.
- R290 is refrigerant gas that complies with the European directive on the environment. Do not puncture any part of refrigerant circuit.
- Be aware R290 refrigerant is odourless and does not have the odour normally associated with natural gas and propane tanks.
- The appliance must be placed in an area without any continuous sources of ignition such as open flames, gas or electrical appliances in operation.
- Do not puncture and do not burn.
- If the appliance is installed, operated or stored in an area without proper ventilation, the room must be designed in a way that prevents the accumulation of refrigerant leaks. This reduces the risk of fire or explosion that could occur if the leaked refrigerant comes into contact with electric heaters, stoves or other sources of ignition.
- Store the appliance correctly to avoid mechanical failure.
- Individuals who operate or work on the refrigerant circuit must have the appropriate certification issued by an accredited organisation that ensures competence in handling refrigerants according to a specific evaluation recognised by associations in the industry.
- Maintenance and repairs that require the assistance of other qualified personnel must be performed under the supervision of an individual specified in the use of flammable refrigerants.

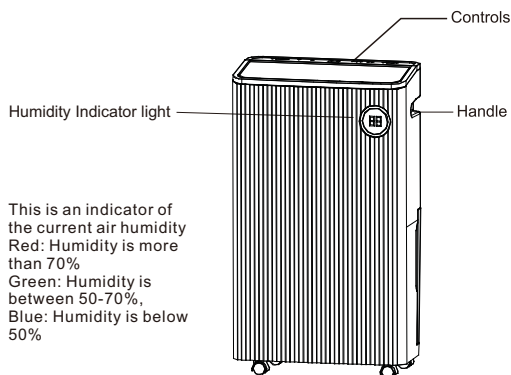


Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice.

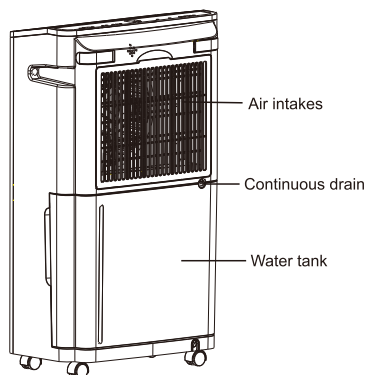


Parts Names and Functions

Front



Back



Installation

For efficient use, ensure there is enough space around the appliance (use the picture on the right for reference).

Up: 30cm or more

Left: 20cm or more

Back: 20cm or more

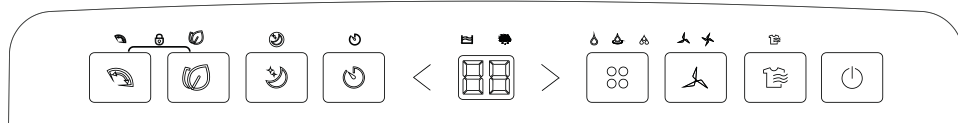
Right: 20cm or more

Front: 10cm or more

Note

To prevent interference and noise disturbances with electronic devices (TV sets and radios), ensure they are positioned at least 70cm away from the dehumidifier.

Control panel operation



Indicator Lights

	Full of water		Air clean		Defrost		Strong dehumidifying
	TIMER		Swinging		Normal dehumidifying		Low wind
	Sleep		Child lock		Continuous dehumidifying		High wind
	Dry clothes						

1. Power button

Press this button to turn the appliance on and to enter standby. When the appliance turns on, the dehumidifier mode indicator and room humidity will show on display.

2. Mode button

Press this button repeatedly to cycle through the different modes, which are: Normal dehumidifying, continuous dehumidifying or strong dehumidifying. The corresponding mode indicator will show on the display.

Normal dehumidifying mode: The appliance works with the desired humidity settings. When the room humidity decreases to the set level, the appliance automatically stops dehumidifying the air.

Continuous dehumidifying mode: The appliance constantly uses the dehumidifying function. The fan will operate at a low speed – this cannot be adjusted.

3. Drying clothes mode

The appliance constantly used the dehumidifying function. The fan will operate at a high speed – this cannot be adjusted.

4. Humidity setting buttons: '<' and '>'

Press these buttons repeatedly to choose a humidity level between 30-80%. Each press increases/decreases the level by 5%. The LED light will flash on the display when adjusting. After five seconds of choosing your setting, the LED will resume its normal display. When the humidity level has been set, the compressor will continue operating until the room humidity level is lower than the set level. It will also stop if the water tank is full.

Note: Humidity level can only be adjusted under the normal dehumidifying mode.

5. Fan speed button

Press this button to set the fan speed to high or low. The corresponding indicator will show on the display. The fan speed can only be adjusted under the normal dehumidifying and 'air clean' mode.

6. Timer button

Press this button to set the 'turn on' or 'turn off' timer (between 1-24 hours).

Setting the 'turn on' timer: When the dehumidifier is off, press the timer button, then press '<' or '>' until you reach the number of hours before you want it to turn on. The timer light will be on when the timer is set.

Setting the 'turn off' timer: When the dehumidifier is off, press the timer button, then press '<' or '>' until you reach the number of hours before you want it to turn off. The timer light will be on when the timer is set.

Control panel operation

7. 'Air clean' button

This appliance has a built-in negative anion and UVC. Press this button to enter the air circulation mode, which cleans the air only. Press the fan speed button to adjust the speed. Ionic and UCV function

When the appliance is running, the ionic and UCV lamp works automatically.

8. Auto-swing button

Press this button and the corresponding indicator will light up. The louvre will start to swing automatically.

9. Sleep button

When the appliance is running in any mode, press this button to activate the sleep function. All lights except the 'sleep', 'water full' and 'child lock' lights will be off. Press any key in sleep mode to wake the appliance up.

10. Child lock

Press the 'auto-swing' and 'air clean' buttons simultaneously to activate and deactivate the child lock function. When entering this function, the LED will display 'LC' and flash for five seconds, then resume its normal display.

During this function, you cannot operate the appliance. If you press other buttons, the LED will display 'LC' and flash for five seconds, reminding you that the appliance is locked. You can still turn the appliance off during this function.

11. Defrost function

When the evaporator coils become frosted, the defrost indicator will illuminate, meaning the defrost function will start. The compressor will switch off and the fan will run until the frost is removed. When the unit runs at a room temperature between 5-12°C, it will stop and defrost approximately every eight minutes. When the room temperature is between 12-18°C, it will stop and defrost approximately every 25 minutes.

When the room temperature is between 18-24°C, it will stop and defrost approximately every 120 minutes. Wait three minutes before resuming operation. After the compressor has stopped, it will not restart until three minutes have passed.

"Water tank full" indicator"

When the tank is full, this indicator will show on the display and the buzzer will sound 20 times. The compressor will turn off and the fan will automatically stop after several minutes.

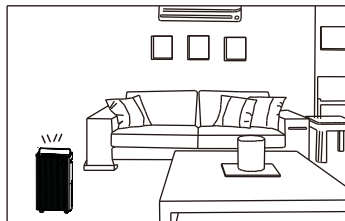
NOTE: If the tank is removed or not placed properly, the full indicator will show.

Auto restart

If the unit unexpectedly turns off due to a power cut, it will automatically restart to the previous function when power resumes. If the timer is set before the power failure, the auto restart function will be deactivated.

For Selecting Functions Properly

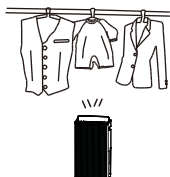
To dehumidify a room for comfortable humidity



To dehumidify a room or keep a ceiling and/or walls from dew consideration and getting moldy

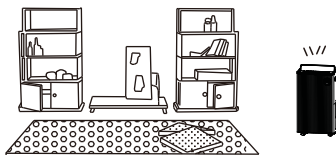
Dehumidification

To dry wet clothes quickly



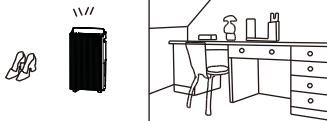
Drying

To dry a carpet or rug



Strong dehumidification

To dehumidify a small space or to dry shoes



Continuous dehumidification

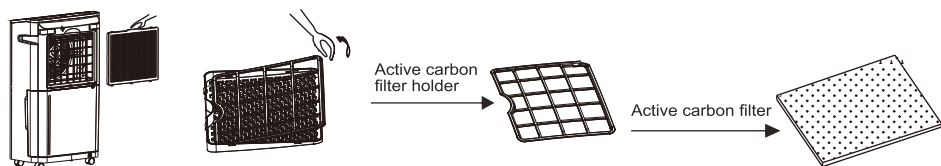
To clean the air in the room



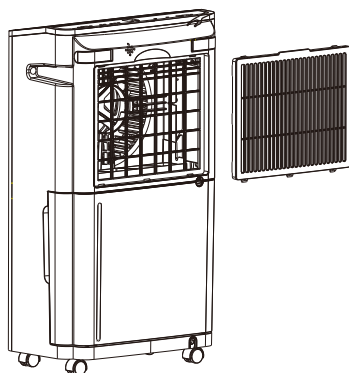
dehumidification

Set air clean filter

1. The air inlet grille of the back cover contains a washable mesh pre-filter and active carbon filter.



2. The unit is also equipped with a HEPA filter for purification. Please remove the active carbon filter from the back grille and replace with the HEPA filter.



Make sure the water tank is set properly.

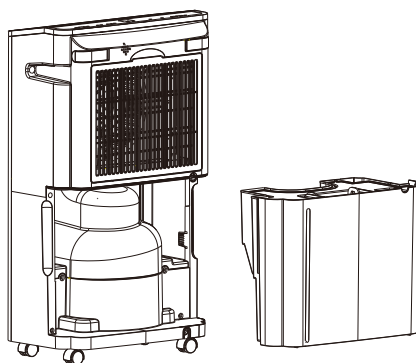
This appliance cannot be used if the tank is full or not properly fitted.

How to remove

Pull the tank gently towards you by holding the concave part.

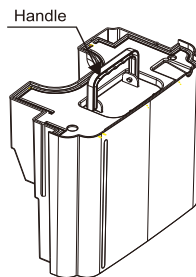
How to set

Gently push the tank horizontally



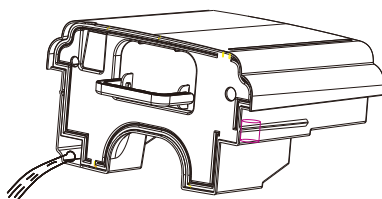
Emptying the water tank

1. Remove tank from the dehumidifier.
 2. Hold the tank by the handle and carry it gently.
 3. Tilt the tank to the direction as shown.
- Slowly empty the water out of the tank.
4. Place the tank back into the dehumidifier.



Note

After using the dehumidifier, water is collected in the tank. When the tank is full, the dehumidifier stops and the buzzer will sound. If the tank is taken out during use, the buzzer will sound 20 times



Maintenance



Warning

To avoid the risk of electric shock, never plug or unplug this appliance with wet hands.



Prohibit wet hand



Cautions

Before cleaning and maintenance, turn off and unplug the appliance.



Do not remove the float lever from the water tank.



Prohibit

When the unit is not in use for long periods:

1. Unplug the unit, coil the power cord and hang it from the back of the unit as shown.
2. Empty the water tank, wipe it with a cloth and place it back to its position.
3. Clean the filter.
4. When storing, keep the appliance upright and out of direct sunlight.

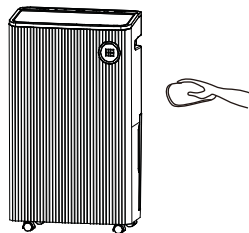
Note

- To avoid malfunctions or abnormal sounds, keep the unit upright.

Body of Dehumidifier

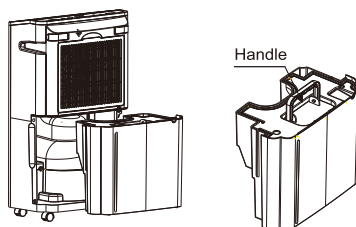
Wipe the dehumidifier with a dry, soft cloth.

- To remove heavy dirt, wipe it with a slightly damp cloth (never use a wet cloth for cleaning the controls).
- To avoid deformation or cracking of the appliance, do not use benzene, thinner or liquid cleaners.
- Using chemicals may cause the appliance to change colour



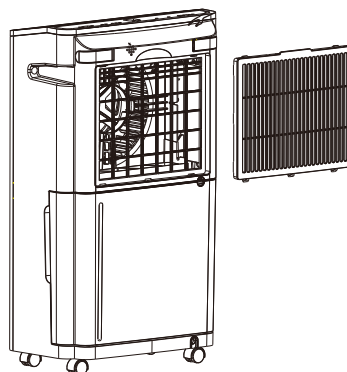
Water tank

- Pull the water tank out of the appliance.
- Wash the inside of the tank with water.
- Using a strong brush could scratch the tank.
- Do not remove the float lever from the tank.
- Wipe the outside of the tank with a cloth, then place it back into its position.



Back air intakes (maintenance every two weeks)

- When the 'air clean' filter gets clogged, the dehumidifying capacity reduces.
- Remove the back cover from the unit and remove the filter holder. Then take out the 'air clean' filter and the back filter.
- Pull the back cover toward you and remove it from the unit. Remove the side filter from the unit.
- To dislodge the dust from these filters, use a vacuum cleaner or pat them lightly.
- If the filters are really dirty, wash them in water with natural detergent, rinse well with water and leave until dry.
- Pat the 'air clean' filter to remove dust.



Specifications

Model No:	821-024V70 (FDD16 - 5291ZFUR5)
Power Supply:	220V-240V~ 50Hz
Dehumidity Capacity:	16L/ Day(30°C /80 %)
Max. Input Power:	290W
Max. Input Current :	1.40A
Water Tank Capacity:	5.5 L
Dimensions:	Height 570mm, Length 340mm, width 240mm
Room Temperature:	5 °C-32 °C
Refrigerant:	R290/ 55g
Fuse:	AC250V 3.15A

The specification may be subject to change without notice for purpose of improvement .

Troubleshooting

Check the following for repairs:

Malfunction	Points to be checked	Measures to be taken
No operation	Check to see if the power plug is disconnected.	Firmly insert the plug into an electric outlet.
	Check to see if the water tank is full of water.	Empty the tank.
	Check to see if the water tank is in the correct position.	Ensure the tank is firmly in place.
	Check to see if all the flaps are closed.	Open one of the flaps.
Dehumidified volume is small	Check if the filters are dirty.	Clean the filters as specified.
	Check to see if the air openings are blocked.	Remove obstacles from the air openings.
	Check to see if the dehumidifier is in 'air clean' mode.	Change the operation mode to the 'dehumidifying' mode.
Loud sounds while operating	Check to see if the unit is installed properly.	Install the unit on a level and stable ground.
Operation stops during spot dehumidifying	Check to see if the room temperature is higher than the set operating temperature.	The dehumidifying operation will start automatically when the temperature lowers.

Malfunction	Points to be checked	Measures to be taken
Washed clothes are not dried	Check to see if washed clothes are exposed to the unit's airflow.	Try to expose the washed clothes to the airflow.
	Check to see if the room temperature is too low.	Washed clothes are hard to dry in low temperatures.

Nothing is wrong with your dehumidifier in case of the following phenomena

Phenomenon	Reason
Operation stops occasionally	The unit is defrosting (See the page 5).
Dehumidified volume is small	The dehumidifier's volume decreases when the room temperature is low (see page 6). The unit stops operating when the room temperature falls below a certain threshold. In 'Automatic' mode, the unit stops dehumidifying, then the room humidity drops to 60% or lower (refer to page 5).
The humidity in a room is still high	The room size may be too large. (see the page 5). The doors or the windows of the room may be opened and /or closed frequently. (See the page 5) The dehumidifier is used together with a kerosene heater which emits vapour.
Bad smell during operation	Smell is emitted from the walls furniture or other objects.
Sound is produced within the unit	Circulation of the refrigerant may make a sound until the unit is stable.
Water is left in the water tank	The water is left because the unit is subjected to dehumidifying tests in the factory.
The buzzer sounds	The buzzer sounds when the tank is full of water (see the page 11).

Caution: Refrigerant is required to be filled by the manufacturer, the factory or the seller.

If you have any questions, please contact our customer care center.
Our contact details are below:



0044-800-240-4004



enquiries@mhstar.co.uk

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