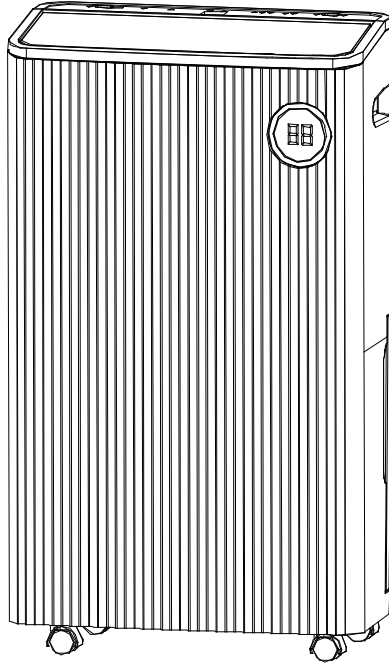




IN230500568V02\_UK

**821-024V70**



## Dehumidifier



**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

#### READ AND SAVE THESE INSTRUCTIONS.

When using electrical appliances, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury to persons, including the following:

**⚠️! WARNING: To avoid the risk of electrical shock, fire or injury to persons, always make sure the appliance is unplugged before moving, servicing or cleaning.**

- Use this appliance only as described in this manual. Any other use, which is not recommended by the manufacturer, may cause a fire, electric shock or injury to persons.
- This 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.
- Children must be supervised, ensuring they do not play with the appliance.
- Do not cover the appliance when in use.
- Do not immerse the appliance in water.
- Dispose of any water collected from the appliance. This water is not drinkable.
- There must be at least 50cm of space from all sides of the appliance.
- Small children and pets should be kept away unless continuously supervised.
- When in use, do not leave children unattended in the same area.
- Children should not clean or maintain this appliance.
- Place the appliance on a flat, stable and dry surface – keep it in an upright position. Operating the appliance in any other position is a hazard risk.
- Do not place this appliance against the wall or other appliances.
- When in use, do not cover the appliance or restrict the air flow of the inlet or exhaust grills.
- Never use this appliance with wet hands.
- Do not use this appliance near water or in the immediate surroundings of a bath, shower or swimming pool.
- Do not let water or other liquids get inside the appliance – this is a fire and electrical hazard.
- Do not use mechanical devices to accelerate the defrosting process.

- If the temperature falls below 1°C, do not place the hose outside.
- Do not use this appliance without the air filter.
- This appliance is for indoor household use. Do not use outdoors.
- When in use, never leave this appliance unattended. Always turn the appliance off and unplug after use.
- Avoid placing the power cord in congested areas, where it could be tripped over. Do not place the cord under carpeting or cover it with rugs, furniture or anything similar.
- To avoid a circuit overload, do not operate another high-wattage appliance on the same electrical circuit as this dehumidifier.
- Always plug directly into a wall socket. Avoid using extension leads if possible – they could overheat and cause a fire.
- Do not use this appliance with an external programmer, timer switch or any other device, which would switch the appliance on automatically, unless it has already been prebuilt into the appliance by the manufacturer.
- Do not pull on the power cord. Never move, carry or hang the appliance by its cord.
- Do not kink or wrap the power cord around the appliance to avoid damage.
- This appliance is only to be used with the power adapter provided. Do not use other chargers or adapters – this could damage the product and battery.
- Do not operate the appliance without the water tank.
- Ensure the mains cable is fully extended before use – arrange it, ensuring it is not touching any part of the appliance.
- Do not operate the appliance with the safety guards removed.
- Do not attempt to repair or adjust any electrical or mechanical element in the appliance. This is unsafe and will void your warranty.
- Ensure the mains supply (including voltage, frequency and power) complies with the rating label on the appliance.
- Do not use the appliance near petrol, paint, flammable gases, ovens or other heating sources.
- Never put 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 supplied accessory, do not operate. If the power cord is damaged, it must be replaced by the manufacturer, its service agent or a similarly qualified person to avoid a hazard.

## INFORMATION ON R290 REFRIGERANT GAS

- This appliance must be installed, used and stored in an area greater than 4m<sup>2</sup>.
- This appliance contains 55g of R290 gas.
- R290 is a refrigerant gas that complies with the European laws on the environment. Do not puncture any part of the refrigerant circuit.
- R290 gas is odourless – it does not have the smell normally associated with natural gas or propane tanks.
- Keep this appliance away from open flames, gas, sources of ignition and other electrical appliances in operation.
- Do not puncture or burn this appliance.
- If the appliance is stored in a non-ventilated area, the room must prevent the accumulation of refrigerant leaks, which could result in a fire or explosion.
- The appliance must be stored in such way to prevent 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.
- Maintenance and repairs must be performed by an individual specified in the use of flammable refrigerants.



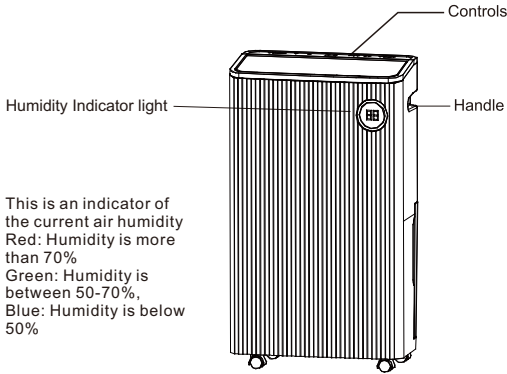
## RECYCLING & DISPOSAL



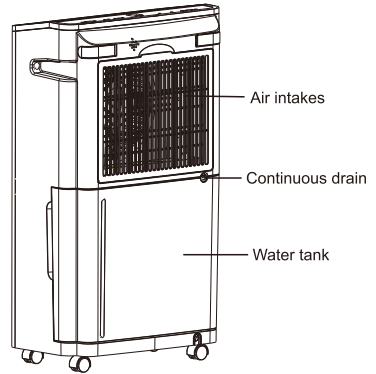
The packaging of your new product has a recycle mark on it. Please dispose of it as recycled paper. Waste electrical products should not be disposed of with general household waste. This is to prevent the possible harm to the environment and human well-being. Contact your local council or government for information regarding the collection schemes in your area.

# Parts Names and Functions

## Front



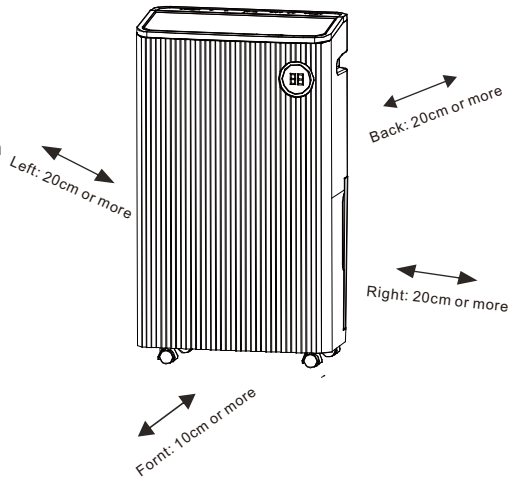
## Back



Up: 30cm or more

## Installation

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
















## 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 UVC 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.

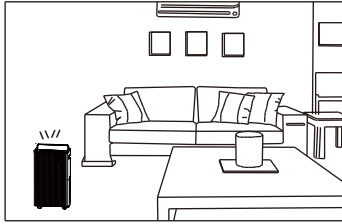
### Auto restart

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



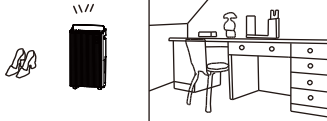
Drying

To dry a carpet or rug



Strong dehumidification

To dehumidify a small space or to dry shoes



Continuous dehumidification

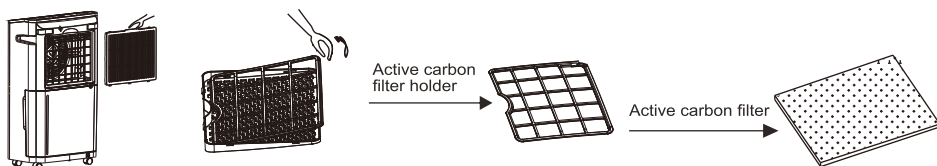
To clean the air in the room



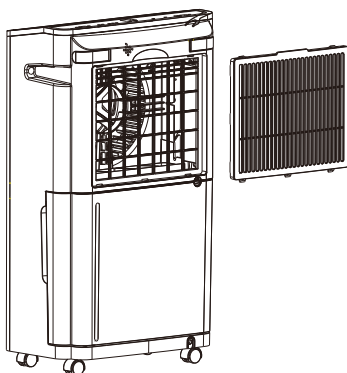
Air purification

## 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.

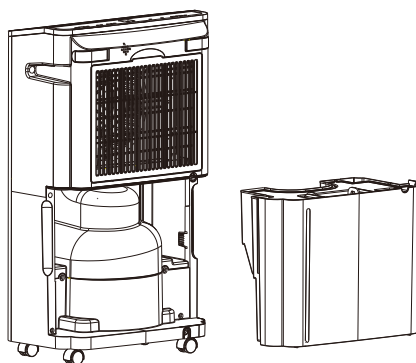
This appliance cannot be used if the tank is full or not properly fitted.

### How to remove

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

### How to set

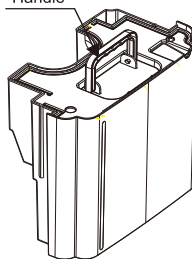
Gently push the tank horizontally



## Emptying the water tank

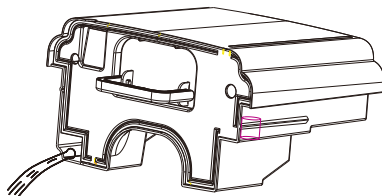
1. Remove tank from the dehumidifier.
2. Hold the tank by the handle and carry it gently.
3. Tilt the tank to the direction as shown.  
Slowly empty the water out of the tank.
4. Place the tank back into the dehumidifier.

Handle



### Note

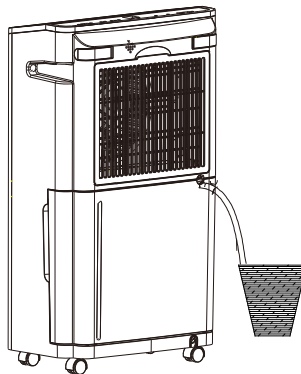
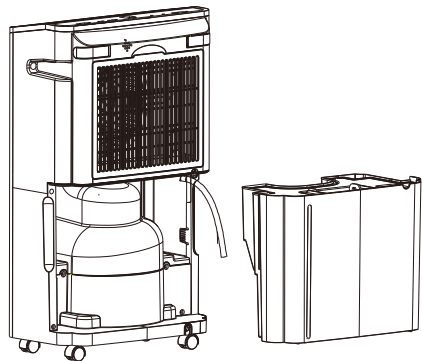
After using the dehumidifier, water is collected in the tank. When the tank is full, the dehumidifier stops and the buzzer will sound. If the tank is taken out during use, the buzzer will sound 20 times



## Continuous Drainage

If you need the appliance be on for a long period, you can use the continuous drainage feature.

Pull out the plug. Remove the water tank and connect the drainage pipe to the drain hole at the back of the unit. Connect the pipe to sewer or other container for continuous drainage.




## 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.

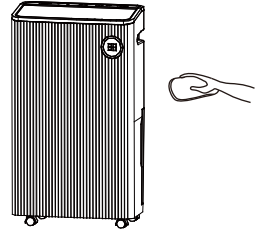
## Note

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

## Body of Dehumidifier

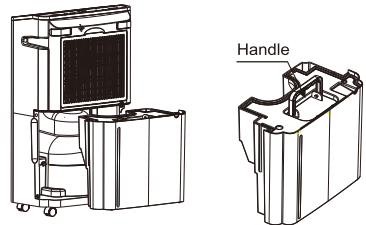
Wipe the dehumidifier with a dry, soft cloth.

- 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 benzine, thinner or liquid cleaners.
- Using chemicals may cause the appliance to change colour



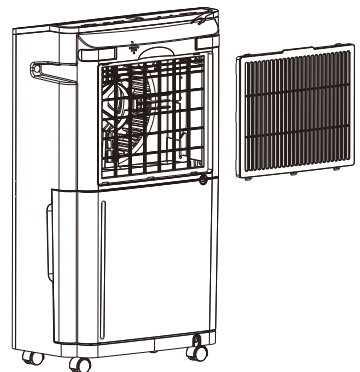
## Water tank

- 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 %)
Rated Input Power:	350W
Rated Input Current:	1.80A
Water Tank Capacity:	5.5 L
Dimensions:	Height 600mm, Length 355mm, width 200mm
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:**

<b>Malfunction</b>	<b>Points to be checked</b>	<b>Measures to be taken</b>
<b>No operation</b>	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.
<b>Dehumidified volume is small</b>	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.
<b>Loud sounds while operating</b>	Check to see if the unit is installed properly.	Install the unit on a level and stable ground.
<b>Operation stops during spot dehumidifying</b>	Check to see if the room temperature is higher than the set operating temperature.	The dehumidifying operation will start automatically when the temperature lowers.

<b>Malfunction</b>	<b>Points to be checked</b>	<b>Measures to be taken</b>
<b>Washed clothes are not dried</b>	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

<b>Phenomenon</b>	<b>Reason</b>
<b>Operation stops occasionally</b>	The unit is defrosting (See the page 5).
<b>Dehumidified volume is small</b>	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).
<b>The humidity in a room is still high</b>	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.
<b>Bad smell during operation</b>	Smell is emitted from the walls furniture or other objects.
<b>Sound is produced within the unit</b>	Circulation of the refrigerant may make a sound until the unit is stable.
<b>Water is left in the water tank</b>	The water is left because the unit is subjected to dehumidifying tests in the factory.
<b>The buzzer sounds</b>	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:



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