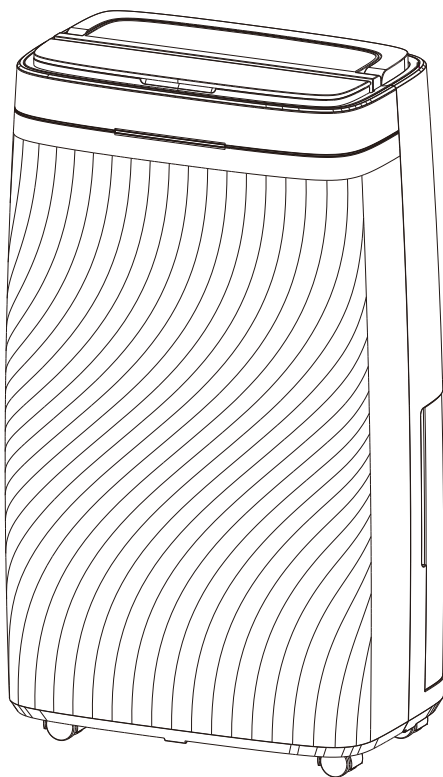




IN240600405V01\_UK

**821-041V70**



**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, always follow basic safety precautions 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 unplug the appliance 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 5 5g of R290 gas.
- R290 is a refrigerant gas the 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 as 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.

## **Operation and Performance**

### **Defrosting operation**

When frost builds up on the evaporator coils, the 'defrost indicator' will illuminate and the automatic defrost function will start. The compressor will switch off and the fan will continue to run until the frost is removed. When the unit is running in a room temperature between 5-12°C, it will stop to defrost about every eight minutes. When the unit is running in room temperature between 12-18°C, it will stop to defrost about every 25 minutes. When the unit is running in a room temperature between 18-24°C, it will stop to defrost about every 120 minutes.

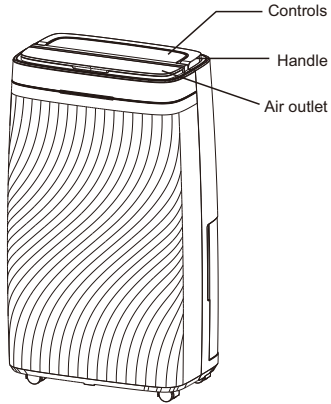
Wait three minutes before resuming operation. After the compressor has stopped, it cannot restart until three minutes has passed

### **The room temperature increases during operation**

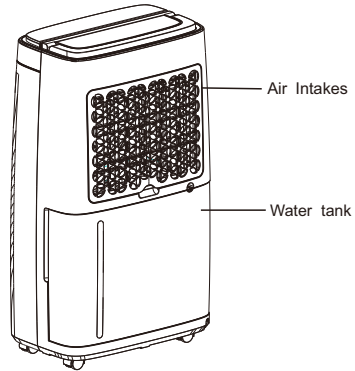
This humidifier does not have a cooling function. It produces heat during use and increases the room temperature by 1-4 °C. This temperature rise may be very distinct in a cabinet or other similar places. Closed doors and windows, other nearby appliances and direct sunlight can also raise the room temperature.

# Part Names and Functions

## Front



## Back

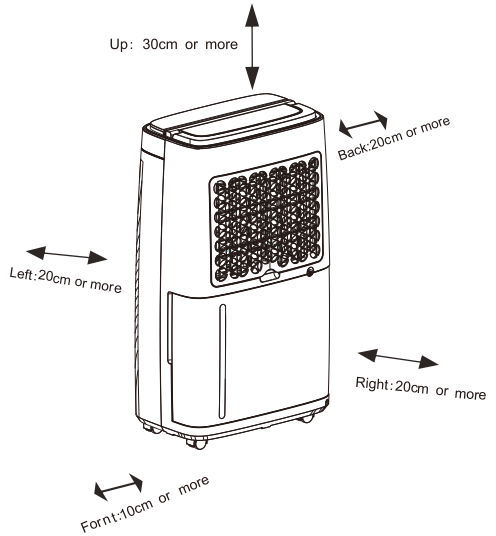


## Installation

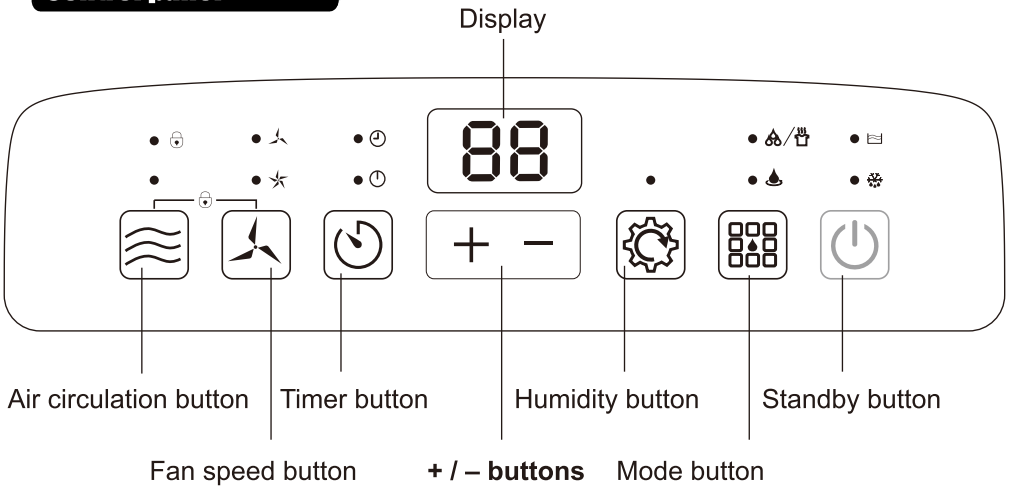
For efficient use, ensure there is enough space around the appliance (use the picture on the right for reference).












### 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



Button	Name	Function
	STANDBY	<ul style="list-style-type: none"> <li>&gt; Press to switch the appliance on or off.</li> <li>&gt; Wait three minutes between each on/off cycle. (If you press the standby button sooner, the appliance will automatically switch on within 1-3 minutes).</li> </ul>
	MODE	Press to select dehumidifying mode. <ul style="list-style-type: none"> <li>&gt;  : Automatic mode.</li> <li>&gt;  : Drying mode.</li> </ul>
	HUMIDITY	Press to select Customised Dehumidification. <ul style="list-style-type: none"> <li>&gt; Use + or - to choose the desired humidity level or continuous dehumidification.</li> </ul>
	INCREASE/DECREASE	Press to set target humidity. <ul style="list-style-type: none"> <li>&gt;  = continuous dehumidification</li> <li>&gt; 30-80 % humidity (press to change in 5 % increments).</li> </ul> Press to set the timer. <ul style="list-style-type: none"> <li>&gt; 0-24 hrs</li> </ul>
	TIMER	Press to select timer function <ul style="list-style-type: none"> <li>&gt;  : Appliance is on (stop operation after 1-24 hrs).</li> <li>&gt;  : Appliance is off (start continuous operation after 1-24 hrs).</li> <li>&gt; Set to  = cancel.</li> </ul>



	<b>FAN SPEED</b>	<p>Press to select fan speed.</p> <ul style="list-style-type: none"> <li>&gt;  : Low fan speed.</li> <li>&gt;  : High fan speed.</li> </ul> <p><b>Tip:</b> This setting is available only in manual dehumidifying mode and air circulation mode.</p>
	<b>KEYLOCK</b>	<ul style="list-style-type: none"> <li>&gt; Press and hold both buttons for 3 seconds to activate/deactivate the keylock .</li> <li>&gt; The key lock button lights up when the appliance is locked.</li> </ul>
	<b>AIR CIRCULATION</b>	<ul style="list-style-type: none"> <li>&gt; Press to activate/deactivate the air circulation function.</li> <li>&gt; Once air circulation is on, the dehumidification is off.</li> </ul>

## Operation and efficiency

### Humidity indicator light

During operation, the humidity indicator light shows the current air humidity level.

LED light colour	Humidity	Humidity level
Blue	≤ 50 %	Low humidity
Green	50 % - 70 %	Medium humidity
Red	≥ 70 %	High humidity

### Defrosting operation

The appliance automatically performs defrosting in regular intervals according to the ambient room temperature. The  icon lights up when this feature is activated.



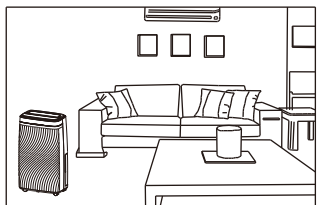
**Note:** During the defrosting operation, the dehumidification function and air circulation function may intermit.



**Note:** Do not switch the appliance off or pull the power plug from the outlet during the defrosting operation.

## For Selecting Functions Properly

Lower the indoor humidity to a comfortable level.



To prevent condensation and mildew on the ceiling and walls

AUTOMATIC

To dehumidify a closet



CONTINUOUS

To dry washed clothes faster



DRY CLOTHES

To dry a carpet or rug



DRY CLOTHES

To dehumidify a small space or dry clothes




DRY CLOTHES

To clean the air in a room

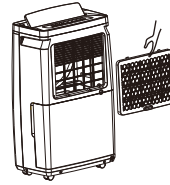


AIR CIRCULATION

The built-in microcomputer memorises the dehumidifier's operation once it is set. The unit will repeat the same operation when the standby button  is pressed. If there is a disconnection due to unplugging or a power failure, you will need to set the operation again.

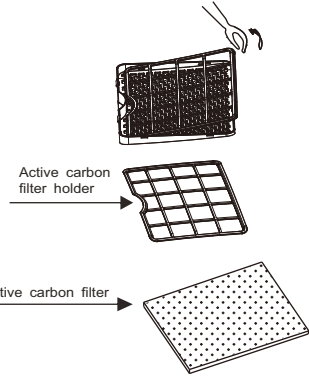
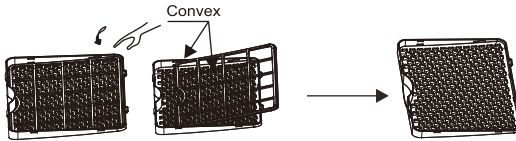
## Setting the air clean filter to the back cover

### 1. Remove the filter holder from the front cover.



### 2. To attach the air clean filter onto the back cover, follow these steps:

- Take the air clean filter out of the polyethylene bag and attach it to the back filter.
- Set the air clean filter to the back cover, fitting it into the four catches in the cover.
- Place the holder into the four catches in the cover, with the convex portions upward.
- Press the perimeter of the holder with your fingers to secure it.
- Check the condition to ensure it is properly set.
- If not set correctly, the back cover cannot be attached to the unit.



- In case of improper setting conditions, you cannot set the back cover to the unit.

## Ensuring the water tank is set properly.

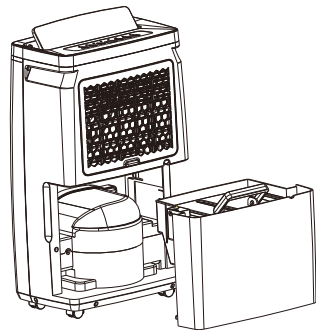
Your dehumidifier will not operate if the tank is full of water or not set correctly.

### Removing the water tank:

Draw the water tank gently toward you by holding the concave part of the tank.

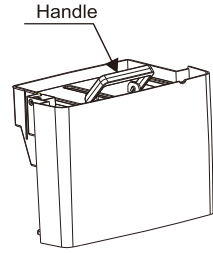
### Setting the water tank

Push the tank horizontally and gently. The handle will lie down by itself.



## Emptying water from the tank

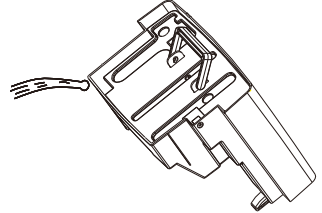
1. Remove the tank from the dehumidifier.
2. Hold the tank by the handle and carry it gently.
3. Tilt the tank in the direction shown. Slowly empty the water out of the tank.
4. Place the tank in the dehumidifier.



### Note

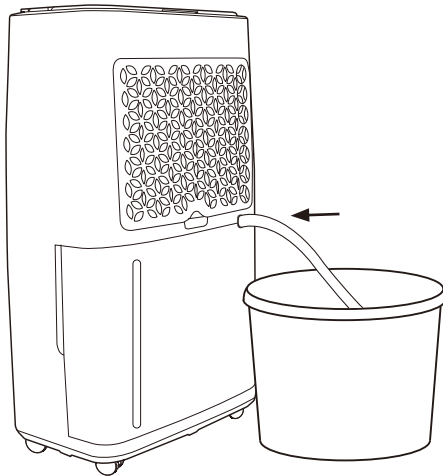
After the dehumidifying operation, water is collected in the tank. When the tank is full, the dehumidifier stops operating and the buzzer will sound.

The buzzer sounds for 20 seconds if the tank is taken out during use.



## Continuous Drainage

- When using the appliance for long periods, choose the 'Continuous Drainage' feature.
- Pull out the plug, remove the water tank and connect the drainage pipe to the drain hole, which is at the back of the unit.
- Connect the pipe to a sewer or other container for continuous drainage.



# For Maintenance



## Warning

Never plug or unplug the 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 at the back of the unit as shown.
2. Empty the tank and wipe it down with a cloth. Then, place it back into the appliance.
3. Clean the filter.
4. When storing the appliance, keep it upright and out of direct sunlight.

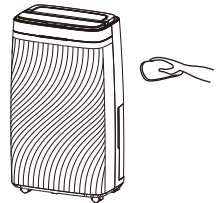
## Note

- To avoid malfunction or abnormal sounds, keep the unit upright

## Body of Dehumidifier

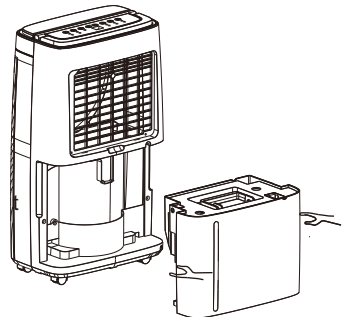
Wipe the dehumidifier with a dry and soft cloth.

- To remove dirt, wipe the appliance with a slightly damp cloth. Never clean the controls with a wet cloth.
- To avoid damaging the surface, avoid using benzene, thinner or liquid cleaners.
- Do not use chemicals for cleaning the appliance.



## Water tank

- Remove the water tank from the appliance.
- Wash the inside of the tank with water.
- Strong brushes may scratch the tank.
- Do not remove the float lever from the tank.
- Dry the outside of the tank with a cloth, then place it back into the appliance.



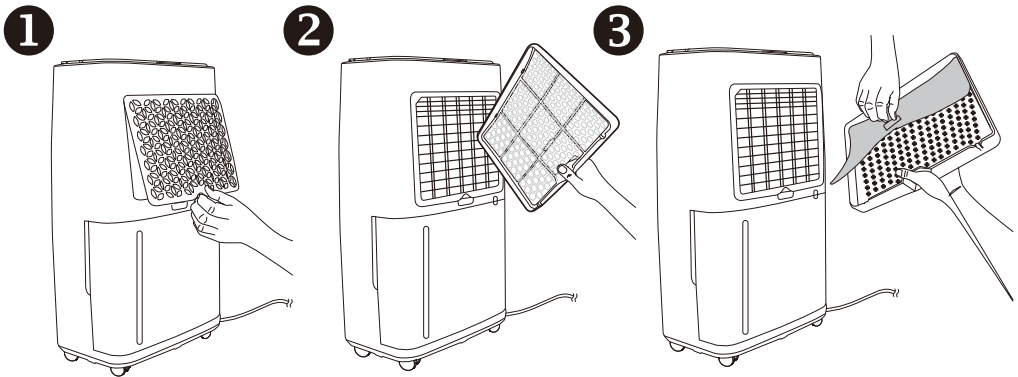
## Cleaning and maintenance

1. Before cleaning and maintenance, switch off and unplug the appliance.
2. Using a soft and slightly damp cloth, carefully clean the surface of the appliance. You can use a mild soap solution to do this.
3. Ensure water or other liquids do not enter the inside of the appliance, as this can create a fire or electrical hazard.
4. It is recommended to regularly run a vacuum cleaner nozzle over the appliance, removing any dust or dirt that may have accumulated inside or on the appliance.

**CAUTION!** Do not use harsh detergents, chemical cleaners or solvents as they may damage the surface finish.

### Cleaning the filter

1. Carefully pull up the filter frame.
2. Remove the filter frame from the appliance.
3. Take out the filter cover and filter from the filter frame.
4. Wash both with fresh water and let them dry.
5. Put the filter, filter cover and frame back in the original position.



**Note:** It is recommended to clean the air filter at least every 2 weeks to prevent inferior fan operation caused by dust accumulation.

## Specifications

Model No:	821-041V70WT (FDD3-5168BR5)
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 210mm
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

Before requesting repair, check the following for solutions:

<b>Malfunction</b>	<b>Points to be checked</b>	<b>Measures to be taken</b>
<b>No operation</b>	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 low.</b>	The filters are dirty.	Clean the filters as specified.
	The air openings are blocked.	Remove any debris from the air openings.
	The dehumidifier is in the 'Air Clean' mode.	Change the mode to 'Dehumidifying'.
<b>Loud sounds while operating</b>	Check to see if the unit is installed properly.	Install the appliance on a level and stable ground.
<b>Operation stops during spot dehumidifying</b>	The room temperature is higher than the set operating temperature.	When the temperature lowers, the dehumidifying begins automatically.
<b>Washed clothes are not dried</b>	The washed clothes are not exposed to the unit's airflow.	Try to expose the washed clothes to the airflow.
	The room temperature is too low.	Washed clothes are hard to dry in low temperatures.



## If the following happens, there is nothing wrong with the dehumidifier:

Phenomenon	Reason
<i>Operation stops occasionally</i>	The unit is defrosting (See the page 5).
<i>Dehumidified volume is small</i>	The dehumidifier's volume decreases when the room temperature is low. The unit stops operating when the room temperature falls below a certain threshold.  In 'Automatic' mode, the unit stops dehumidifying until the room humidity raises to 60% or higher.
<i>The humidity in a room is still high</i>	-The room size may be too large. -The doors or windows may be opened and closed frequently. -The dehumidifier is being used alongside a kerosene heater, which emits vapour.
<i>There is a bad smell during operation.</i>	The smell may come from walls, furniture or other objects in the room.
<i>Sound is produced within the unit</i>	Circulation of the refrigerant may make a sound. This sound disappears once the appliance stabilises.
<i>Water is left in the water tank</i>	There is still water in the tank because the appliance undergoes dehumidifying tests in the factory.
<i>The buzzer sounds</i>	The buzzer sounds when the tank is full of water (see the page11).

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



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