

# English

## **SAFETY INSTRUCTIONS**

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Please read all instructions before using the device.

- This appliance may be used by persons with limited physical, sensory or mental abilities or lack of experience and/or knowledge, if they are supervised by persons responsible for their security or if they have been instructed about the safe use of the appliance and therefore fully understand the hazards involved.
- This appliance must not be used by children; the appliance and its power cord must be kept away from children.
- This appliance has been designed for air conditioning domestic environments (indoor operation only) and must not be used for any other purpose, such as for drying clothing, cooling food, etc.
- The appliance must be plugged into an outlet that is properly installed and earthed.
- Before plugging into a socket, it shall be ensured that the mains voltage matches the voltage specified on the rating plate of the appliance.
- The appliance shall not be operated with a damaged cord or plug, or after the appliance malfunctions, or has been damaged in any manner. It shall be returned to the nearest authorized service facility for examination, repair or adjustment.
- The appliance shall always be unplugged when not in use or when left unattended, and before disassembling or cleaning. It must be unplugged by grasping the plug and never by pulling the cord.
- After the air conditioner is installed, it shall be ensured that the power plug is firmly plugged into the power outlet, and the power cord orderly placed, to prevent someone from tripping or pulling out the plug.
- No object or obstacle shall ever come into or block the air inlet and outlet of the air conditioner. Cooling performance may be reduced or stopped completely.
- The appliance must always be operated with the air filter mounted. The use of the conditioner without its filters could cause an excessive accumulation of dust or waste on the inner parts of the device with possible subsequent failures.
- Incorrect repair attempt, assembly, reassembly or use of any accessory attachment not recommended or sold by the manufacturer may cause fire, electric shock or personal injury and will void the manufacturer's warranty.

- The air conditioner shall not be installed and used in bathroom or other humid environments, contact with water or other fluid shall be avoided. Water can cause electrical shock or equipment damage.
- The appliance shall not be installed closer than 2 m from flammable substances (alcohol, etc.), heat sources or pressurized containers (e.g. spray cans).
- A clearance of at least 50 cm from walls, furniture and curtains shall always be kept when operating the device.

### Warnings

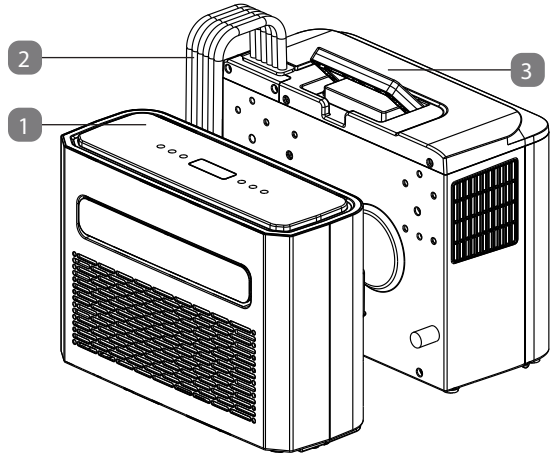
- Risk of fire/flammable materials used. Please according to local regulations regarding disposal of the appliance for its flammable blowing gas and refrigerant.
- The refrigerant circuit should not become damaged.



## OVERVIEW OF UNIT

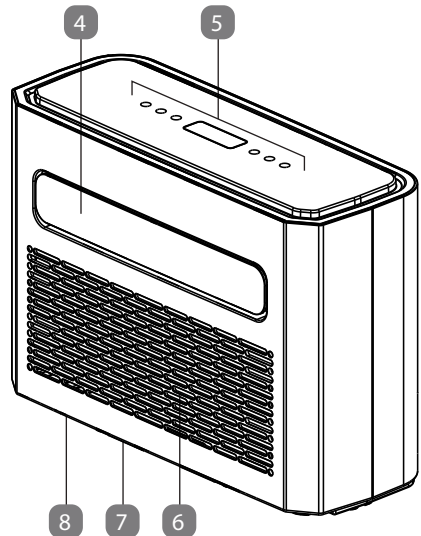
### Overall

1. Indoor unit
2. Connecting hose
3. Outdoor unit



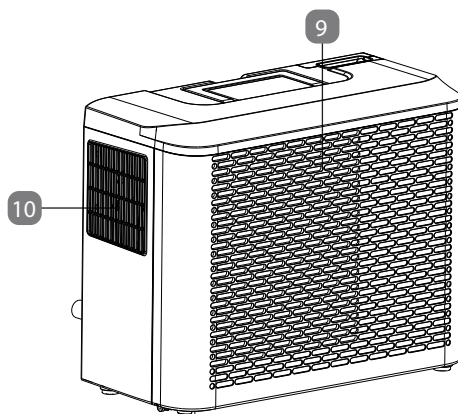
### Indoor unit

4. Air outlet
5. Controls
6. Intake opening with filter screen
7. Condensate drain opening
8. Filter sieve (can be pulled out downwards)



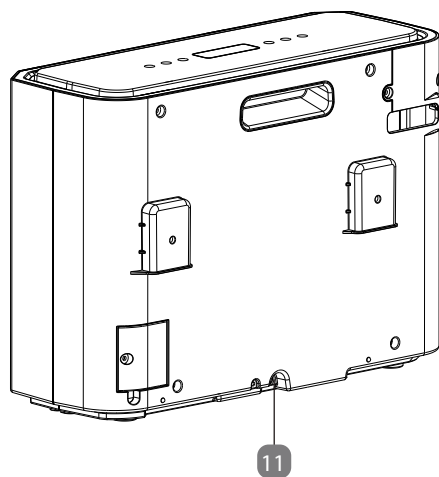
## Outdoor unit

- 9. Suction opening
- 10. Exhaust air opening

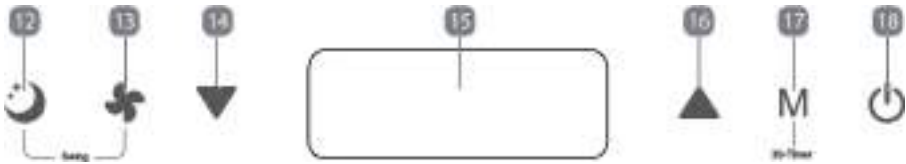


## Rear of outdoor unit

- 11. Condensate drain opening

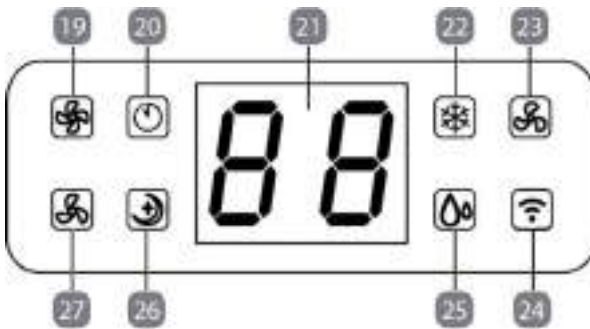


## Control panel



- 12. Switch sleep mode on/off
- 13. Set fan speed
- 14. Decrease value
- 15. Display
- 16. Increase value
- 17. Set operating mode
- 18. Switch unit on/off

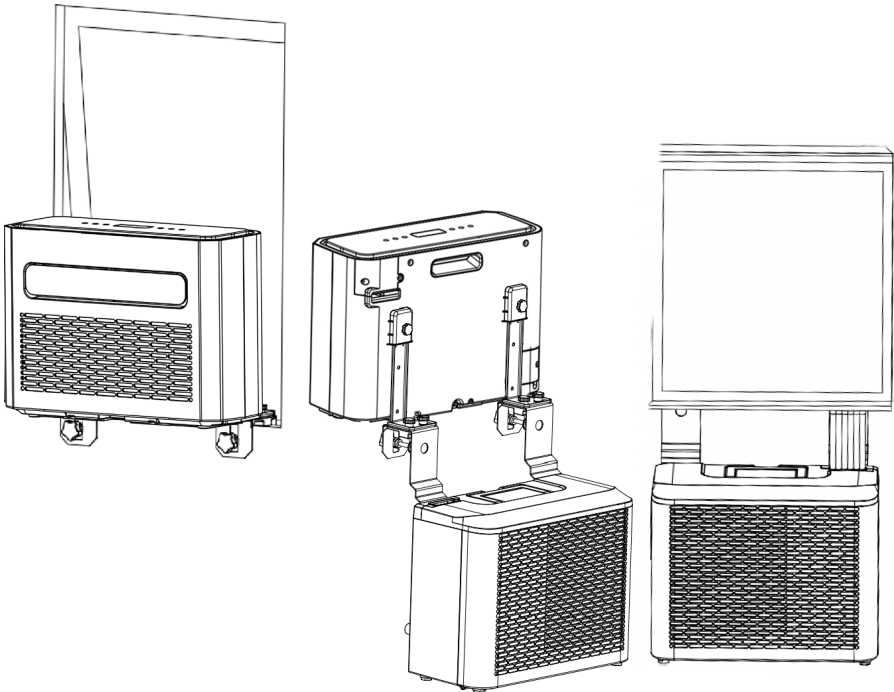
## Display



- 19. High fan speed activated
- 20. Timer activated
- 21. Display window
- 22. Cooling mode activated
- 23. Fan mode activated
- 24. **Wi-Fi Connection**
- 25. Dehumidification mode activated
- 26. Sleep mode enabled
- 27. Low fan speed enabled

## PREPARING/SETTING UP THE UNIT

- Remove all packaging material and check the unit for any damage before putting it into operation.
- Leave the unit in an upright position for at least 24 hours before switching it on.
- Operate the unit at an ambient temperature between 5°C and 35°C.



### Fitting the condensate drain hose

The condensate water can be automatically discharged into a suitable container or drain.

- Remove the cap from the condensate drain opening.
- Connect the condensate drain hose securely and properly, making sure that it is not kinked and free from obstructions.
- Place the outlet of the condensate drain hose over a drain or container and ensure that the water can flow out of the unit unhindered.
- Do not immerse the end of the hose in water, as this may cause an “air lock” in the hose.

- To avoid water leakage, note that the hose must have a slope of at least 20%.
- Secure the hose to the drain or container to prevent uncontrolled water outflow, as the water pressure is quite strong and can move the hose.

### Mounting the air conditioner

The air conditioner must be mounted on a window. Proceed as described below:

- Mount the supplied rubber bumpers on the back of the outdoor unit and then screw it to the aforementioned bracket.
- Screw the indoor unit to the bracket as well. Use the knurled screws supplied for this purpose as well.
- Now place the protective film around the connecting hose and fasten it using the Velcro fasteners.
- Now place the complete unit in the window opening and fasten it there using the knurled screws. If necessary, place a cloth or towel underneath to protect the window frame from damage.

The assembly is now complete and the air conditioner is ready for operation.



## OPERATION

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- Insert the mains plug into a suitable socket.

Info: After you have plugged in the power, you will hear a beep. The unit is then in standby mode.




### Switching the unit on/off

- Press the  button to switch the unit on.
- During operation, press the  button again to switch the unit off.
- Wait approx. 3 minutes after switching the unit off before switching it on again.

### Setting the operating mode







- Press the **M** button to switch between the operating modes. The indicator light changes between the different operating modes.

The following operating modes are available:

-  Cooling mode
-  Fan mode
-  Dehumidification mode

### Cooling mode





This operating mode is used to cool the room temperature.

- Select cooling mode
- The operating light  lights up.
- Press the  or  button to set the desired temperature.
- Press the  button to set a high or low fan speed.
- At high fan speed, the operating light  is on.
- At low fan speed, the operating light  is on.

**Info:** Cooling mode switches off automatically when the room temperature is lower than the set temperature. The unit continues to ventilate. When the room temperature rises, cooling mode resumes.

### Fan mode

This operating mode is used to circulate the room air, but not to cool it.


- Select fan mode.
- The operating light  lights up.
- Press the  button to set a high or low fan speed.
- At high fan speed, the operating light  is on.
- At low fan speed, the operating light  is on.

**Info:** The temperature and sleep mode cannot be set in fan mode.



## Dehumidification mode




This operating mode is used to reduce the humidity in the room.

- Select the dehumidification mode.
- The operating light  lights up.
- Keep doors and windows closed for better dehumidification performance.

Info: The temperature, sleep mode and fan speed cannot be set in dehumidification mode.





## Sleep mode

Info: In sleep mode, the fan speed is reduced and the operating lights are switched off. Sleep mode can only be activated in cooling mode.

- Select cooling mode.
- The operating light  lights up.
- Press the  button to activate sleep mode.
- The operating light  lights up.

## Swivel mode

Info: In swivel mode, the slats on the air outlet move automatically to better distribute the air in the room.





- Press the  and  buttons simultaneously to activate swivel mode.
- Press the  and  buttons again simultaneously to deactivate the swivel mode.

## SETTING THE TIMER

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### Automatic switch on

You can set the time span until automatic switch-on in stand-by mode.

- Press the **M** button for 3s to set the desired time span (1 to 24 hours) until automatic switch-on.
- The operating light  lights up and "01" (=1 hour) flashes in the display.
- Press the  button to increase the timer.
- Press the  button to decrease the timer.
- When the hours stop flashing, your setting is confirmed. The unit switches on automatically after the set time has elapsed.
- To switch off the timer, press the **M** button again.
- The operating light  goes out.

### Automatic switch-off

When the unit is switched on, you can set the desired time before it switches off automatically.

- Press the **M** button for 3 seconds to set the desired time (1 to 24 hours).
- The operating light  lights up and "01" (=1 hour) flashes in the display.
- Press the  button to increase the timer.
- Press the  button to decrease the timer.
- When the hours stop flashing, your setting is confirmed. The unit switches off automatically after the set time has elapsed.
- To switch off the timer, press the **M** button again.
- The operating light  goes out.

## **EMPTYING THE WATER COLLECTION TANK**

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During cooling, in dehumidification mode and in high humidity, condensate water accumulates in the air conditioner. The water collection tank must be checked regularly and emptied if necessary.

In continuous operation and when the air conditioner is operated unattended in dehumidification mode and cooling, the supplied condensate drain hose must be connected.

- Remove the cap from the condensate drain opening.
- Connect the condensate drain hose properly, making sure that it is not kinked and free from obstructions (not blocked).
- Place the outlet of the condensate drain hose over a drain or a suitable container (e.g. bucket).
- Make sure that the condensate water can flow out of the unit unhindered.
- Do not immerse the outlet of the condensate drain hose in water, as this may cause an "air lock" in the hose.
- To prevent condensate water from escaping:
- Since there is a large amount of negative pressure of the condensate collection tray inside the air conditioner, tilt the condensate drain hose down towards the floor (approx. 20° incline).
- Straighten the condensate drain hose to prevent creating a siphon in the hose.

## **SAFETY FUNCTIONS**

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### **Automatic defrosting**

- At low room temperatures, frost may form on the evaporator during operation. The unit automatically starts defrosting and the POWER LED flashes.
- When the unit is operating in cooling mode or dehumidification mode, the ambient temperature sensor detects that the evaporator coil temperature is lower than -1°C. After the compressor stops operating for 10 minutes or the coil temperature has risen to 7°C, the unit restarts in cooling mode.

- When the unit is operating in dehumidification mode and the temperature sensor detects that the evaporator temperature is below 40°C and the difference temperature between the unit's internal temperature and the room temperature is below 19°C, the unit starts defrosting for 5 minutes after 20 minutes and the POWER LED flashes.


### Overload protection

- In the event of a power failure, there is a 3-minute delay before the compressor restarts to protect it.


## CLEANING AND MAINTENANCE

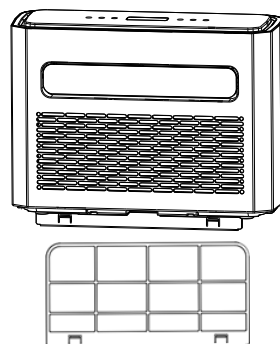
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### Cleaning the housing

- Press the button  to switch off the unit.
- Unplug the mains plug from the socket.
- Clean the housing only with a soft, damp cloth or a soft, thin kitchen towel.
- Dampen the cloth with mild soapy water to remove stubborn dirt.
- Dry the housing carefully before switching on the machine.




### Cleaning the filter screens

- Press the button  to switch off the unit.
- Unplug the mains plug from the socket.
- Remove the filter screen from the unit.
- Use a vacuum cleaner to suck dust out of the filter sieve (indoor unit) and the suction opening (outdoor unit).
- Turn the filter screen over and rinse it under running water. Let the water run through the filter sieve in the opposite direction of the air flow.
- Set the filter screen aside and let it air dry completely.
- Put the dried filter screen back into the unit.



## DECOMMISSIONING AND STORAGE

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- If the unit is not to be used for a long period of time, it must be cleaned and completely dried.
- Press the button  to switch the unit on.
- Select fan mode. The operating light  lights up.
- Allow the unit to run in fan mode for a few hours so that it dries completely from the inside.
- Press the button  to switch off the unit.
- Unplug the mains plug from the mains socket.
- Remove and clean the filter screen and allow it to dry completely.
- Replace the filter screen in the frame provided in the housing.
- If possible, store the unit and accessories in the original packaging in a dark, ventilated, dry and frost-free room.
- Store the unit in a room without continuously operating sources (e.g. open flames, gas appliance or electric heater).

## TROUBLESHOOTING

In the event of a fault with the unit, first check whether you can rectify the problem yourself using the following overview.

Problem	Possible cause	Troubleshooting
<b>The unit does not work</b>	The mains plug is not inserted correctly.	Unplug the mains plug and plug it in again.
	The earthed socket is defective.	Check the earthed socket by connecting another appliance.
	Unknown error	Contact the service department.
<b>The unit does not cool properly</b>	Windows or doors are open, allowing warm air to enter the room.	Close the windows and doors.
	The filters are very dirty.	Clean the filters as described under "Cleaning the filters".
	The air outlet is blocked.	Leave at least 50 cm of space around the unit in all directions to ensure sufficient ventilation.
	The operating mode and temperature are not set correctly.	Set the operating mode and temperature to the correct value.

Problem	Possible cause	Troubleshooting
<b>Water leaking from the unit.</b>	Overflow when moving the unit.	Empty the water tank before transport.
	Condensate drain hose kinked.	Straighten the condensate drain hose.
<b>The unit is very noisy.</b>	There are loose, vibrating parts.	Secure and fasten the parts.
	The noise sounds like running water.	Noise is caused by flowing refrigerant. This is normal.
<b>The compressor is not working.</b>	The cooling mode protection is active	Switch off the unit and wait 3 minutes before switching it on again.
	The overheating protection is active	
<b>Error display E1</b>	Room temperature sensor failed	Contact the service department.
<b>Error display E2</b>	System temperature sensor failed	Contact the service department.
<b>Error display E3</b>	Coolant level too low	Contact the service department.
<b>Error display E4</b>	Fan defective	Contact the service department.
<b>Error display E5</b>	Condensation pump defective	Contact the service department.

- Do not repair or disassemble the air conditioner by yourself. Unqualified repair will lead to failure of the warranty card, and may cause damage to users or their properties.
- If problems not listed in the table occur or recommended solutions do not work, seek for professional advice.

## TECHNICAL DATA

Rated input power	560 W
Voltage (V)	220 – 240 V
Rated frequency	50 Hz
Cooling capacity	5000 BTU
Refrigerant	R290
Refrigerant quantity	130 g
Power levels	2
Maximum room size	approx. 30 m <sup>3</sup>
Air flow rate	280 m <sup>3</sup> /h
Dehumidification capacity	approx. 0.5 l/h
Indoor unit dimensions (WxHxD)	445 x 310 x 190 mm
Outdoor unit dimensions (WxHxD)	440 x 355 x 210 mm
Indoor unit weight	approx. 5.6 kg
Outdoor unit weight	approx. 14.4 kg
Operating volume	< 63 dB(A)

This air conditioner uses R290 refrigerant, which is a fluorinated flammable greenhouse gas covered by Kyoto Protocol, with a Global Warming Potential (GWP) of 3.

## DISPOSAL

- For proper disposal, please return device to a retailer, a service agent or Rotel AG.
- European Directive 2012/19/EC concerning Waste Electrical and Electronic Equipment (WEEE) states that household appliances should not be disposed of using the normal solid urban waste cycle. Exhausted appliances should be collected separately to optimise the cost of re-using and recycling materials comprising the machine, while preventing potential damage to public health and the environment. The crossed-out wheeled bin symbol appears on all products to remind owners of the obligations regarding separate waste collection. Owners should contact their local authorities or appliance dealers for further information concerning the correct disposal of household appliances.

**This appliance conforms to the following EU directives:**

