



Remote control AMW P – AMW ST – AMK P

EN USER INSTRUCTIONS

RIELLO

Dear customer,
Thank you for choosing a **RIELLO** product, an innovative and high quality appliance that guarantees wellbeing for a long time.
This manual contains information we deem necessary for correct and easy use.
Thanks again.

RIELLO

COMPLIANCE

RIELLO AMW P – AMW ST – AMK P heat pumps **are compliant** with the following European Directives:

- Low Voltage Directive 2014/35/EU
- Electromagnetic Compatibility Directive 2014/30/EU
- RoHS Directive 2011/65/EU
- ErP Directive 2009/125/EC and Regulation 2012/206/EC
- WEEE Directive 2012/19/EU
- F-Gas Regulation 2014/517/EU



WARRANTY

RIELLO product has a **Conventional Warranty** (valid for Italy, Republic of San Marino, Vatican City), starting from the product's date of purchase.

WARNING

Keep the product purchase documents for tax purposes to be presented to the Authorised Technical Support upon request of a service call under warranty.

Find the nearest Authorised Technical Support by visiting the website

www.riello.it

Support // Authorized Support Centre

 The product must be used for its intended purpose, as stated by **RIELLO** for which it has been expressly manufactured. **RIELLO** shall bear no responsibility, whether of a contractual or non-contractual nature, for any damage caused to people, animals, or property due to incorrect installation, adjustments, or maintenance, or improper use.

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The following symbols are used in this publication:

 **WARNING** = actions requiring special care and appropriate training.

 **DO NOT** = actions that **MUST ON NO ACCOUNT** be carried out.

This booklet cod. Doc-0083011 rev. 4 (06/2018) consists of 28 pages.

1 GENERAL INFORMATION

1.1 General Notices

-  When you get the product, check immediately that the contents are all present and undamaged. Contact the dealer **RIELLO** if you notice any problems.
-  The product's installation must be carried out by an authorised company that will issue a declaration of the installation's conformity to the product's owner once the work has been completed, indicating that the work has been carried out in accordance with the standards of good practice, current National and Local regulations, and the indications provided by **RIELLO** in the instruction booklet accompanying the device.
-  The product must be used for its intended purpose, as stated by **RIELLO** for which it has been expressly manufactured. **RIELLO** shall bear no responsibility, whether of a contractual or non-contractual nature, for any damage caused to people, animals, or property due to incorrect installation, adjustments, or maintenance, or improper use.
-  During storms, set the main switch to "Off".
-  Avoid leaving the room closed for a long time. Periodically open windows to ensure proper ventilation.
-  Too low a temperature is harmful for your health and is a waste of energy. Avoid direct contact with the air flow for a long time.
-  Keep nearby area clean and tidy and avoid obstructing air in and out flows.
-  Comply with the legislation in force on the country of deployment with regard to the use and disposal of packaging, of cleaning and maintenance products and for the management of the unit's decommissioning.
-  Any repair and maintenance interventions must be carried out by **RIELLO** Technical Support Service, in accordance with the provisions contained in this publication. Do not modify or tamper with the unit as dangerous situations may arise and the unit manufacturer will not be liable for any damage caused.
-  In the event of any functional anomalies or fluid leaks, set the system's main switch to its "off" position. Promptly contact your local **RIELLO** Technical Support Service, and do not perform any interventions upon the device on your own.
-  Any gas leaks indoors can generate toxic gases if they come into contact with naked flames or high temperature bodies, in case of leaks, please air the rooms thoroughly.
-  Do not place any inflammable object (spray cans) within a 1 metre radius from the air expulsion.
-  According to EU Regulation no. 517/2014 regarding certain fluorinated greenhouse gases, the total amount of refrigerant contained within the installed system must be indicated. This information can be found on the unit technical data plate.

 This unit contains fluorinated greenhouse gases covered by the Kyoto protocol. Maintenance and disposal activities must be carried out exclusively by skilled personnel.

 R32 refrigerant gas is slightly flammable and odourless.

 If the unit must be moved, contact the **RIELLO** Technical Support Service.

 This booklet is an integral part of the device, and must therefore be carefully preserved, and must ALWAYS accompany it, even in the event that it is sold to another Owner or User, or is transferred to another system. If it is damaged or lost, another copy can be requested to **RIELLO** Technical Support Service in your Area.

1.2 Safety precautions

It should be noted that the use of products that utilize electric energy requires certain essential safety regulations to be respected, including the following:

-  Do not allow children or unassisted disabled people to use the unit.
-  Do not touch the unit while barefoot and/or partially wet.
-  Do not spray or throw water directly on the unit.
-  It is forbidden to place weights on the device.
-  It is strictly forbidden to touch the coil fins, the moving parts, to place any body parts between them, or to insert pointy objects into the grilles.
-  It is forbidden to perform any technical interventions or cleaning operations before having disconnected the device from its electrical power supply, by setting the system's main switch to its "OFF" position.
-  It is forbidden to modify the safety or regulation devices without the authorisation of the manufacturer.
-  Do not pull, detach or twist the electrical wires coming out of the unit, even when the unit is disconnected from the power grid.
-  The packing material must not be disposed of in the surrounding environment and must be kept out of children reach, as it can be dangerous. It must be disposed of according to the regulations in force.

1.3 Energy saving tips

 Cover the windows with a shutter or a curtain to block the entrance of sunlight, increasing the cooling effect.

 Maintaining the temperature setting at a moderate level helps save energy.

Recommended temperature settings:

- for cooling: 26-28 °C
- for heating: 20-24 °C

⚠ Keep the air filter clean. Clogged air filters are a cause of inefficient operation and waste of energy.

1.4 AMW P

Unit description

RIELLO AMW P is an indoor unit for wall installation, suitable for use in residential and small business premises in combination with the outdoor unit. The multiple-speed fan DC motor improves performance and sound comfort. Control, setting and programming operations are carried out with the IR remote control.

Safety and adjustment devices

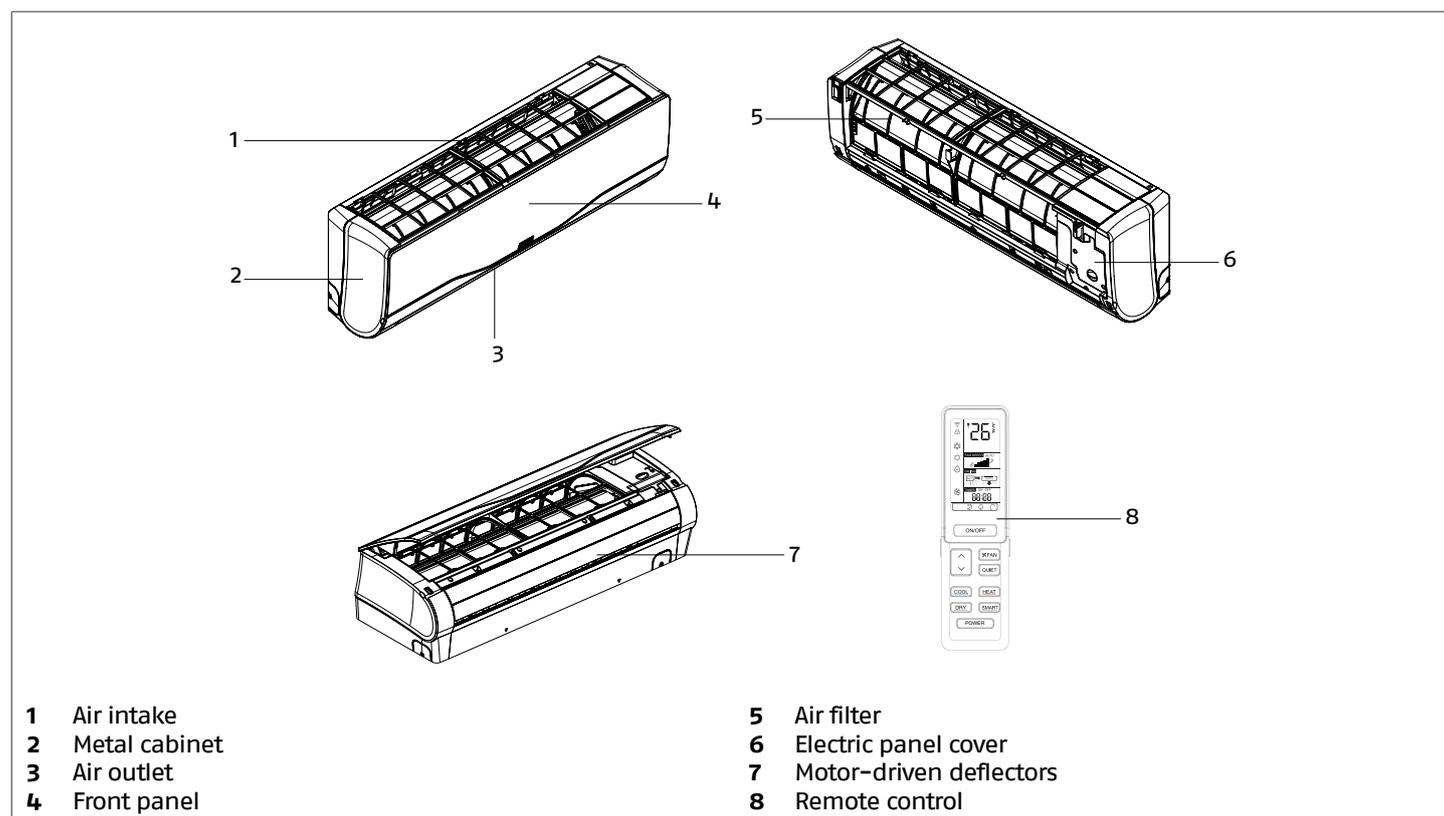
The device safety and setting are achieved thanks to:

- heat exchanger temperature sensor transmitting the detected value to the control panel, which is triggered in case of abnormal temperature with regard to the operating mode
- room air temperature sensor transmitting the detected value to the control panel in order to control the operation of the outdoor unit and regulate the room temperature

⚠ Safety device replacement must be carried out by **RIELLO** Technical Support Service, using only original components. Please refer to the spare parts catalogue.

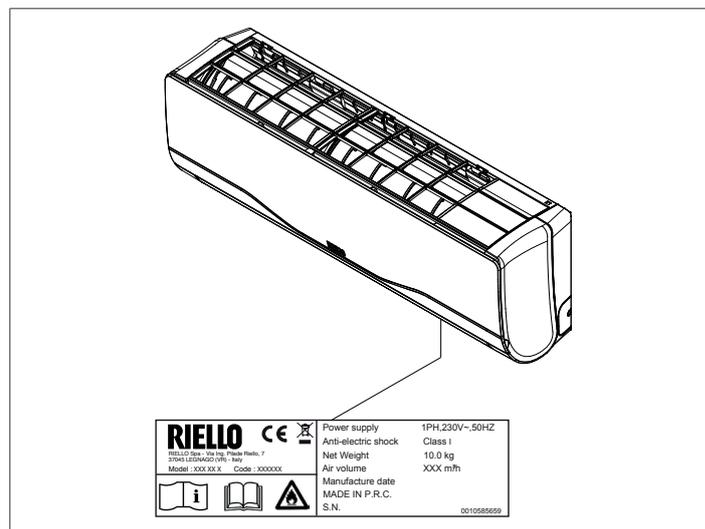
⊖ IT IS FORBIDDEN to operate the device with faulty safety systems.

Layout



Identification

The unit can be identified through the technical data plate:



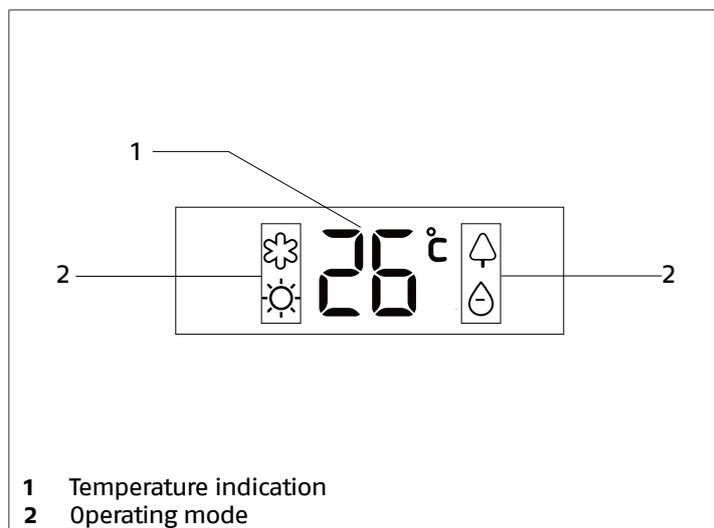
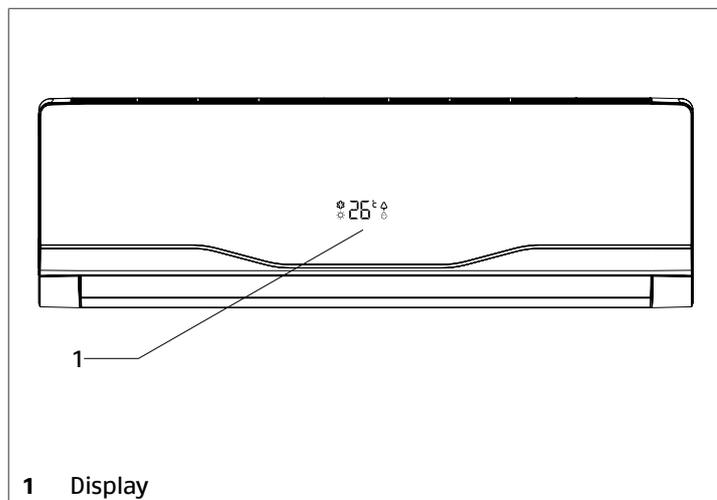
Technical data plate

Contains the device's technical and performance data.

⚠ The tampering, removal, or absence of the identification plates will not allow the product to be properly identified by its serial number.

Unit display

The unit display shows the active functioning mode, the temperature and the alarms, if any.



- Cooling mode enabled
 - Heating mode enabled
 - Not available
 - Dehumidification mode enabled
1. Detected ambient temperature
2. Required temperature when using the button
3. Alarm code

1.5 AMW ST

Unit description

RIELLO AMW ST is an indoor unit for wall installation, suitable for use in residential and small business premises in combination with the outdoor unit. The multiple-speed fan DC motor improves performance and sound comfort. Control, setting and programming operations are carried out with the IR remote control.

Safety and adjustment devices

The device safety and setting are achieved thanks to:

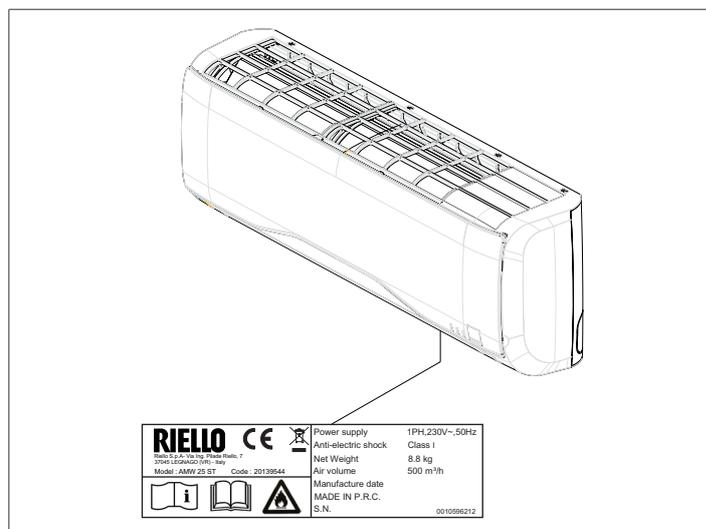
- heat exchanger temperature sensor transmitting the detected value to the control panel, which is triggered in case of abnormal temperature with regard to the operating mode
- room air temperature sensor transmitting the detected value to the control panel in order to control the operation of the outdoor unit and regulate the room temperature

Safety device replacement must be carried out by **RIELLO** Technical Support Service, using only original components. Please refer to the spare parts catalogue.

IT IS FORBIDDEN to operate the device with faulty safety systems.

Identification

The unit can be identified through the technical data plate:

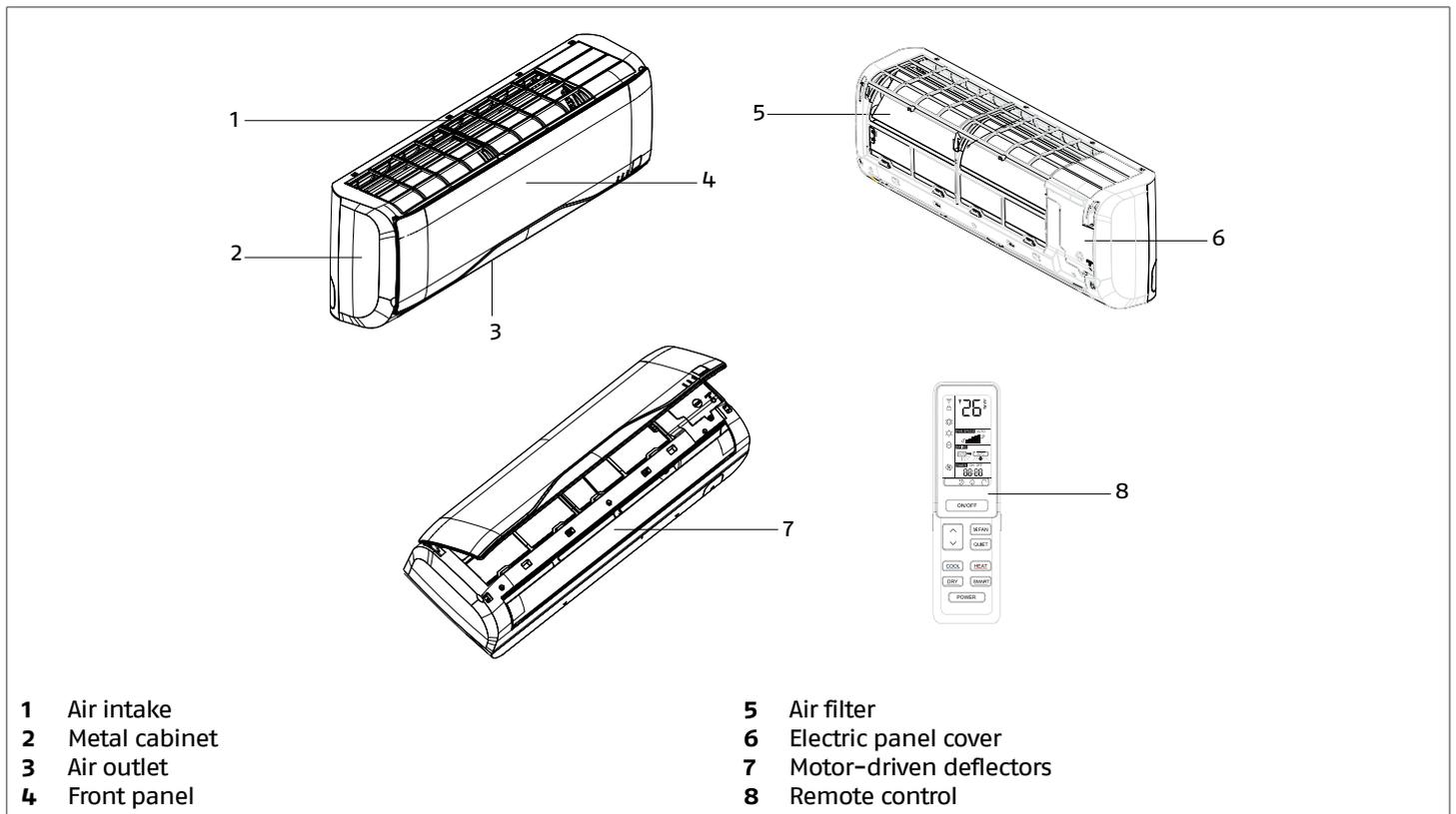


Technical data plate

Contains the device's technical and performance data.

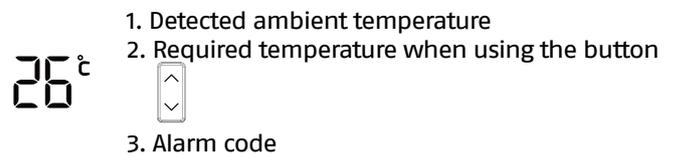
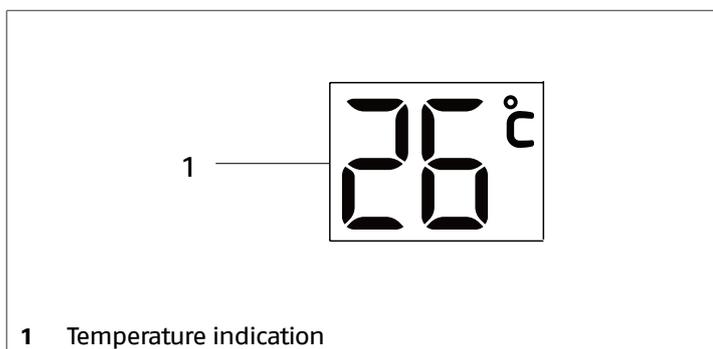
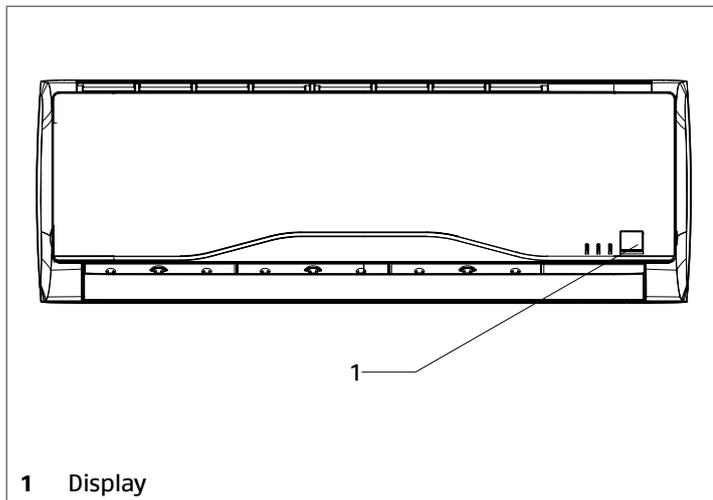
The tampering, removal, or absence of the identification plates will not allow the product to be properly identified by its serial number.

Layout



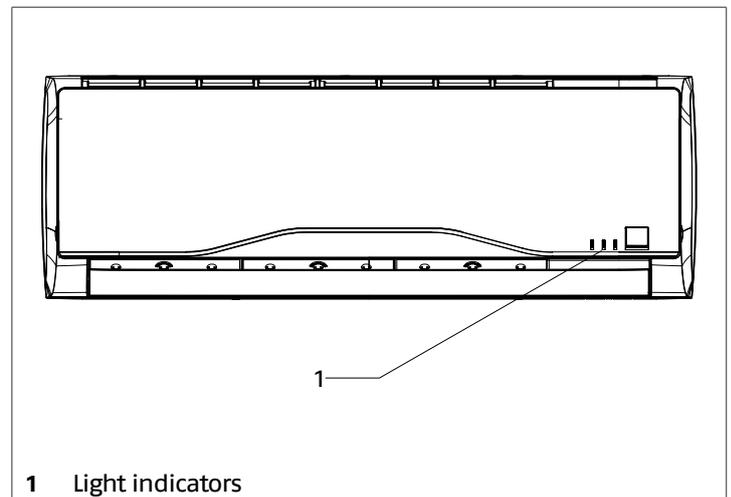
Unit display

The unit display shows the temperature and the alarms, if any.



Light indicators

The switching on of the lights indicates some states of functioning.





Unit on



Timer activated



Compressor activated

AMK P

Description

RIELLO AMK P is an indoor unit for ceiling installation, suitable for use in residential or small commercial applications in combination with the outdoor unit. The DC motor of the fan, at more speed, improves performance and sound comfort.

Control, regulation and programming of the unit are carried out by means of the infra-red remote control, whose functions and use are detailed in the user manual.

The R32 refrigerant allows high yields, thus placing **RIELLO AMK P** among the most efficient devices on the market.

⚠ The tampering, removal, or absence of the identification plates will not allow the product to be properly identified by its serial number.

Safety and adjustment devices

The device safety and setting are achieved thanks to:

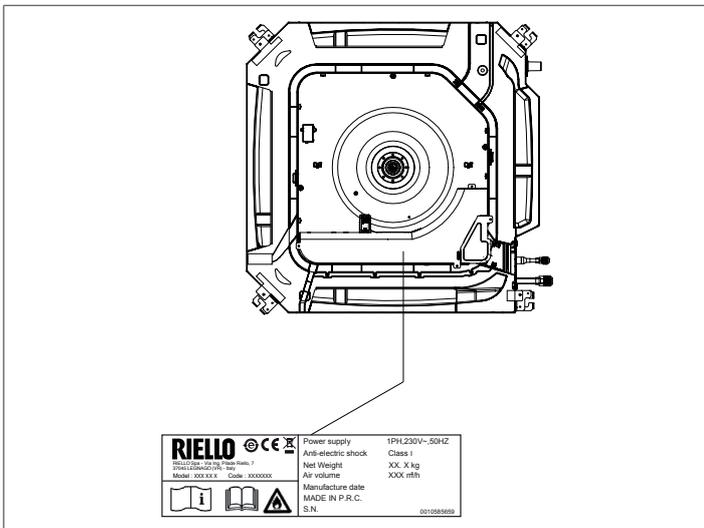
- heat exchanger temperature sensor transmitting the detected value to the control panel, which is triggered in case of abnormal temperature with regard to the operating mode
- room air temperature sensor transmitting the detected value to the control panel in order to control the operation of the outdoor unit and regulate the room temperature

⚠ Safety device replacement must be carried out by **RIELLO** Technical Support Service, using only original components. Please refer to the spare parts catalogue.

⊖ IT IS FORBIDDEN to operate the device with faulty safety systems.

Identification

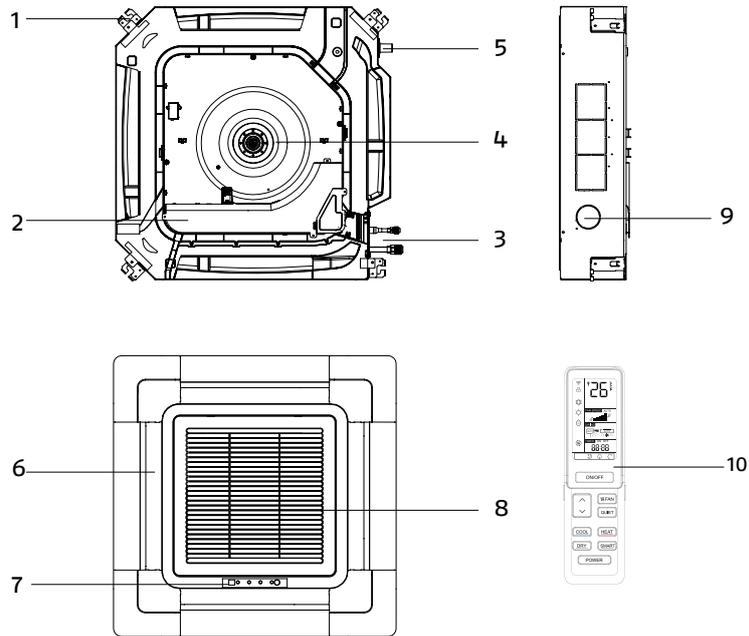
The unit can be identified through the technical data plate:



Technical data plate

Contains the device's technical and performance data.

Layout

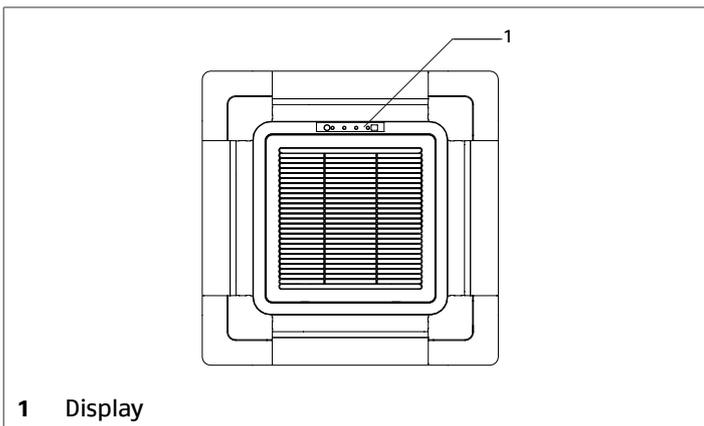


- 1 Support bracket
- 2 Electric panel cover
- 3 Refrigerant connections
- 4 Fan
- 5 Condensation discharge

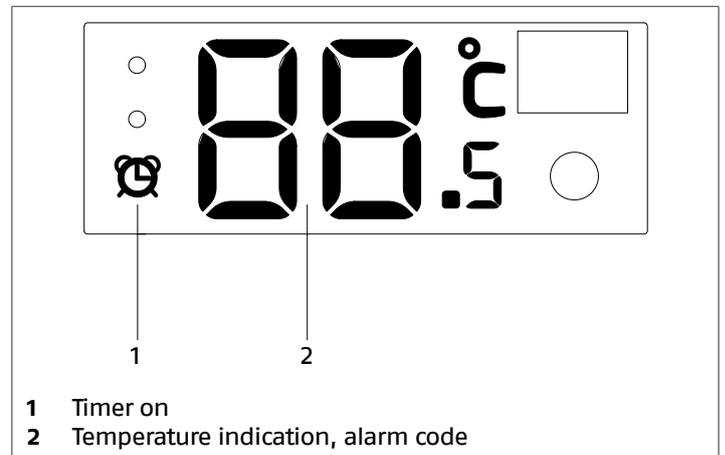
- 6 Motor-driven deflectors
- 7 Display
- 8 Air intake grille
- 9 Fresh air hole
- 10 Remote control

Unit display

The unit display shows the active functioning mode, the temperature and the alarms, if any.



- 1 Display



- 1 Timer on
- 2 Temperature indication, alarm code

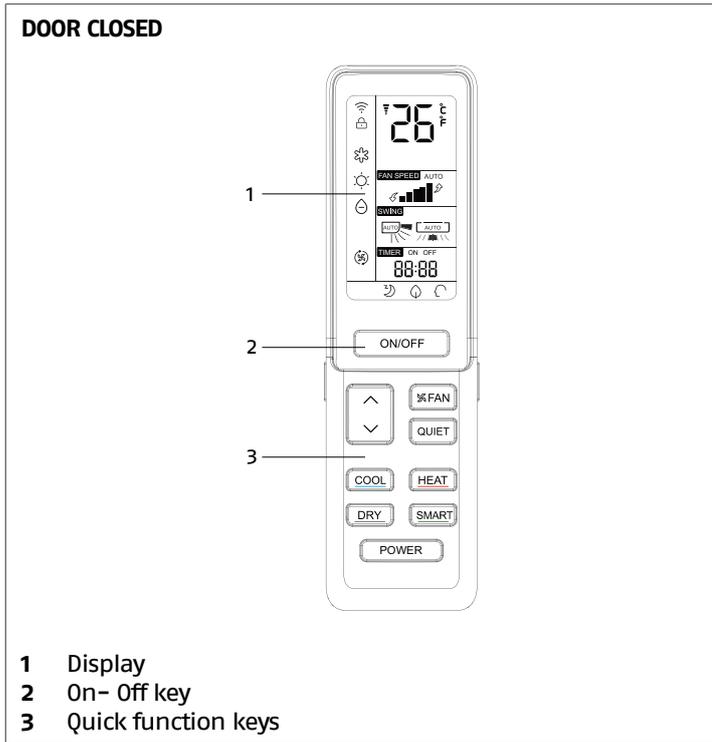
1.6 Remote control

Control, setting and programming operations are carried out with the IR remote control.

The electronics modulates the device operation according to the temperatures detected by the probes inside the indoor and outdoor units.

Function keys

The remote control features a small door in the key area:



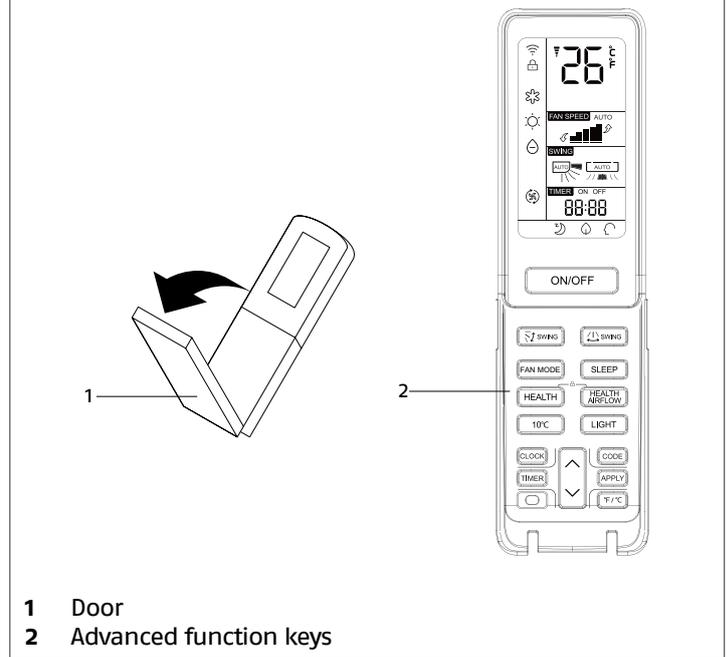
When the door is closed, you can activate the quick functions, such as choosing the operating mode and setting the desired temperature.

⚠ Ensure that the door is fully closed. If this is not the case, the external keys will not work.

Function keys with door closed

- It switches the device on and off
- It increases or decreases the selected parameter value
- Select required ventilation speed: minimum, medium, maximum or automatic
- It activates the Quiet mode
- It activates the Cooling mode
- It activates the Heating mode
- It activates the Dehumidification mode
- It activates the Smart mode.
- It enables the Maximum Power function

DOOR OPEN



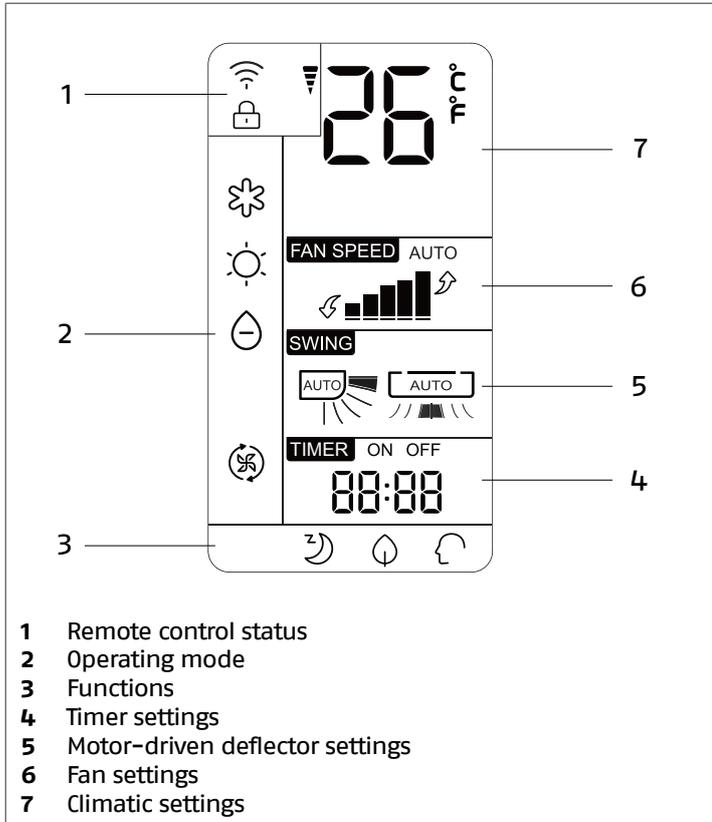
When the door is open, you can access the advanced functions, e.g. time scheduling and motor-driven deflector settings.

Function keys with door open

- It activates and deactivates the automatic movement of the horizontal deflector or stops it in a specific position
- It activates and deactivates the automatic movement of the vertical deflector or stops it in a specific position (not available on AMW ST)
- It selects the Ventilation operating mode
- It activates the Sleep function
- Function not available
- It enables the Health Air Flow function
- + If pressed at the same time, they lock and unlock the remote control keys
- It activates the Room Anti-Freeze function (not available on AMW ST)
- Switch on or off the unit display
- It gives access to current time change settings
- It gives access to Timer settings
- It increases or decreases the selected parameter value
- It allows to change the remote control transmission channel A - b with the unit
- It confirms settings
- It switches the temperature scale from Celsius to Fahrenheit and vice versa

Remote control display

The remote control display shows the settings as changed by the user and the detected weather conditions. The backlit display is divided in areas according to function type.



Timer settings

- 00:00 Timer setting value or current time display
- ON Switch on timer enabled
- OFF Switch off timer enabled

Motor-driven deflector settings

- Horizontal deflector position
- Vertical deflector position (not available on AMW ST)
- AUTO Deflector automatic operation

Fan settings

- Fan speed set
- AUTO Automatic speed enabled

Climatic settings

- 26 °C
- 1. Detected ambient temperature
- 2. Required temperature when using the button

Remote control status

- Signal transmission upon pressing the keys
- WiFi connection enabled
- Remote control keys locked

Operating mode

- Cooling mode enabled
- Heating mode enabled
- Dehumidification mode enabled
- Ventilation mode enabled

Functions

- Sleep function enabled
- Not available
- Smart mode enabled

2 USE

2.1 Initial settings

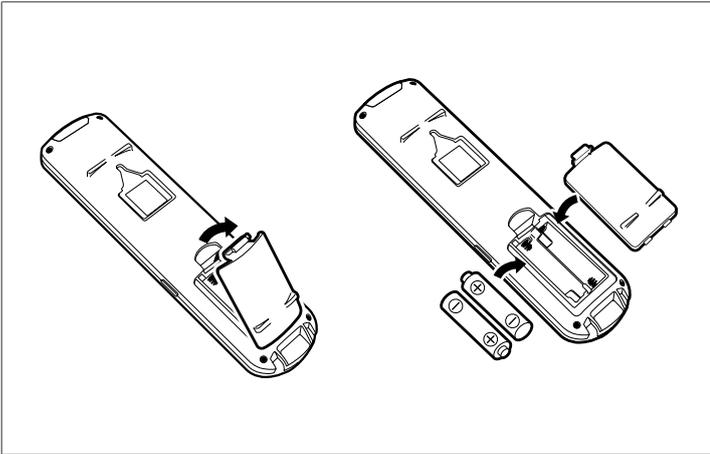
The remote control was designed to ensure user-friendliness even with no special programming. To activate, just install batteries and set current time.

Battery insertion

The remote control is powered by two AAA batteries (1.5 V) housed at the back, under a cover.

Should you notice a poorer reception or if display information fades out, the batteries must be changed.

To fit or change batteries:



- remove the cover by pressing it down and lifting it up
- if present, remove old batteries
- fit new batteries according to proper polarity

- ⚠** Two 1.5V AAA batteries are supplied with the unit for its first set-up.
- ⚠** Never mix and match new and old batteries or different types of batteries.
- ⚠** When you remove the batteries, all settings in the remote control will be deleted. Fit the new batteries and reprogram.
- ⚠** Do not dispose of old batteries in the environment. Always take them to the suitable containers at points of sale.

Time setting

The current time must be set before using the remote control:



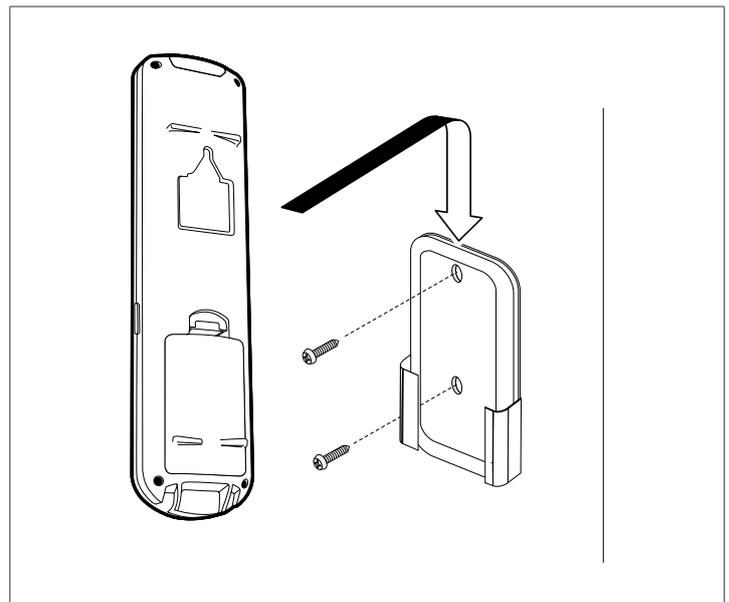
- open the door
- press **CLOCK**
- work on **↑**
↓
- select the current time

Each time the key is pressed, the values changes by 1. By keeping the key pressed down, the value changes faster.

- confirm with **APPLY**

Wall mounting

The unit comes with a remote control support to be mounted on the wall.

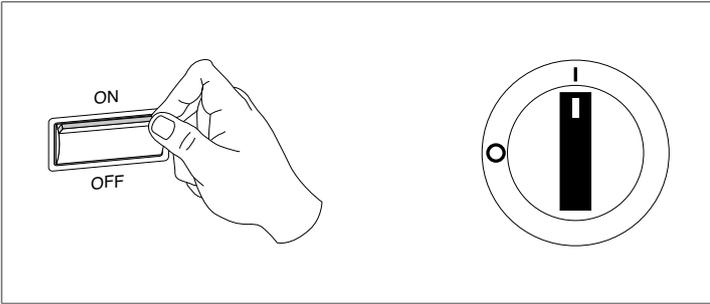


Fasten the support as follows:

- mark mounting hole positions using the support as a template
- drill holes in the marked positions
- fasten the support, using the supplied screws
- set the remote control in the support

2.2 Start-up

To switch on:

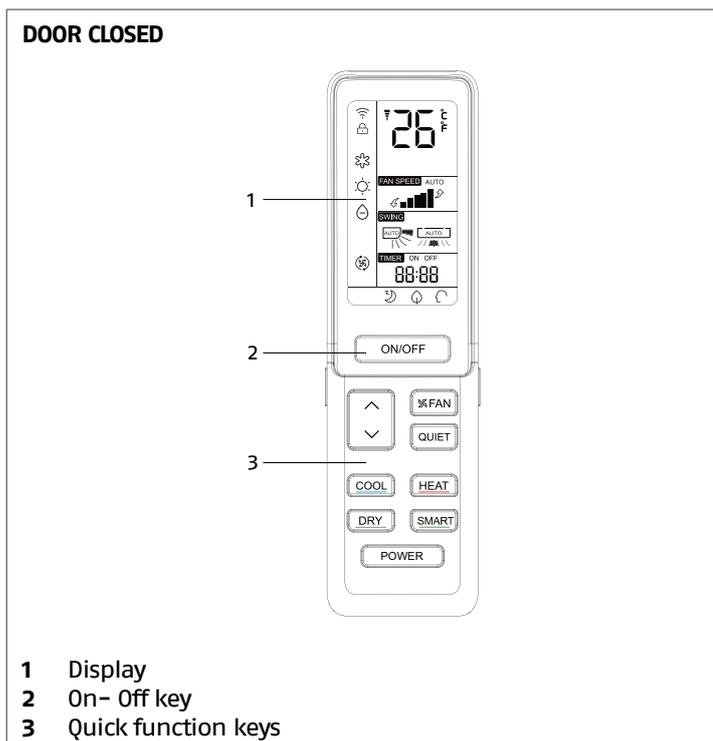


- position the system's main switch in the "ON" position.
- press ON/OFF

The unit display turns on.

- !** Use the remote control within a range of 7 meters, pointing it towards the receiver and making sure that there are no obstacles interposed.
- !** The working range could be reduced if electronic starters or TV sets are nearby.
- !** Do not leave the remote control exposed to direct sunlight, near sources of heat and protect it from water and dust.
- !** The remote control is equipped with 1.5 V AAA batteries that must be removed when climate control system is left unused for over 3 months.
- !** The compressor activates 3 minutes after unit activation.

2.3 Use with closed flap



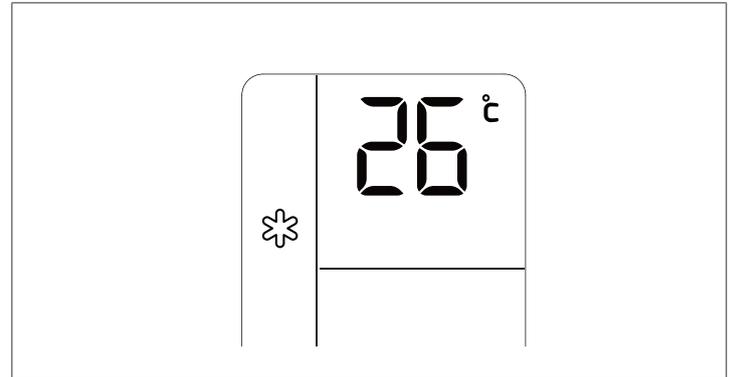
When the door is closed, you can activate the quick functions,

such as choosing the operating mode and setting the desired temperature.

- !** Ensure that the door is fully closed. If this is not the case, the external keys will not work.

Cooling mode

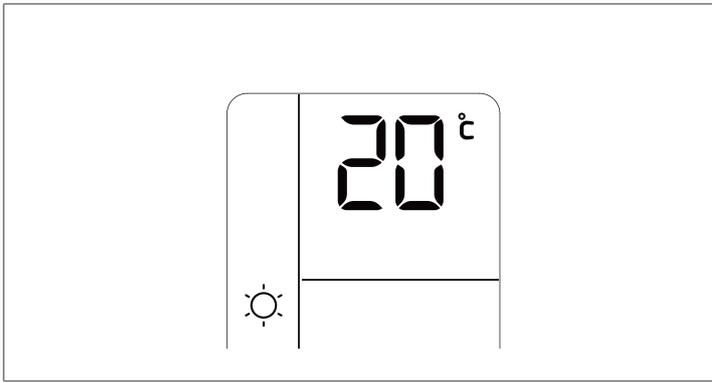
The Cooling mode allows starting and use of the air conditioner as a producer of cold and dehumidified air. To activate this function an external temperature between +10 °C and 46 °C is recommended. Required ambient temperature available range is between 16 °C and 30 °C.



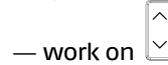
- Activation
 - press **COOL**
- appears on the display of the remote control and the unit. Set required temperature as follows:
 - work on
 Value is stored with no need to press other buttons.
- Switch-off
 - select another operating mode
 Alternatively:
 - press **ON/OFF** to deactivate

Heating Mode

The Heating mode allows starting and use of the air conditioner as a hot air producer. To activate this function an external temperature between -25 °C is recommended, for AMW P, -15 °C, for AMW ST, and 16 °C. Required ambient temperature available range is between 16 °C and 30 °C.



- Activation
 - press **DRY**
- ☀ appears on the display of the remote control and the unit.
Set required temperature as follows:



— work on 
Value is stored with no need to press other buttons.

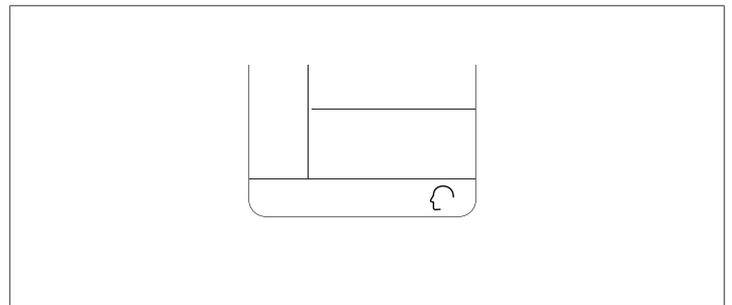
- Switch-off
 - select another operating mode

Alternatively:

- press **ON/OFF** to deactivate

Smart mode

In Automatic mode, equipment automatically changes operating mode, toggling between Cooling and Heating to keep a constant ambient temperature when outdoor conditions change. Temperature settings are preset.



- Activation
 - press **SMART**

Remote control display shows .

- Switch-off
 - select another operating mode

Alternatively:

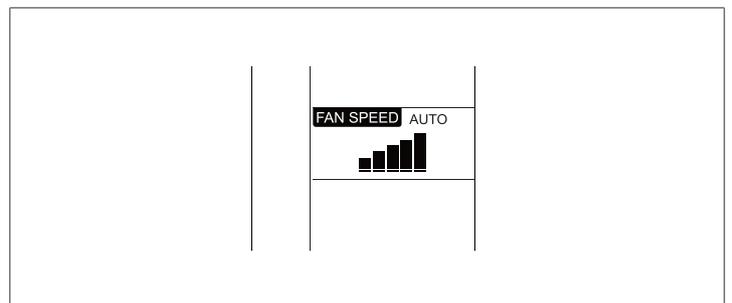
- press **ON/OFF** to deactivate

Adjusting ventilation speed

Ventilation speed can be adjusted in the following modes:

- Cooling
- Heating
- Dehumidification
- Ventilation

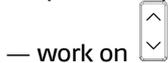
Set required ventilation speed as follows:



- Activation

- press **HEAT**

☀ appears on the display of the remote control and the unit.
Set required temperature as follows:



— work on 
Value is stored with no need to press other buttons.

- Switch-off
 - select another operating mode

Alternatively:

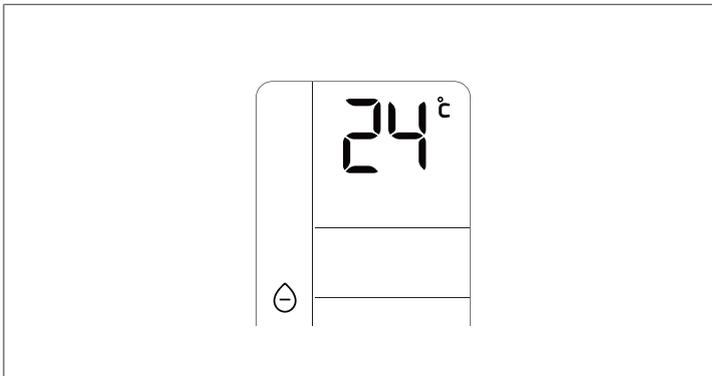
- press **ON/OFF**

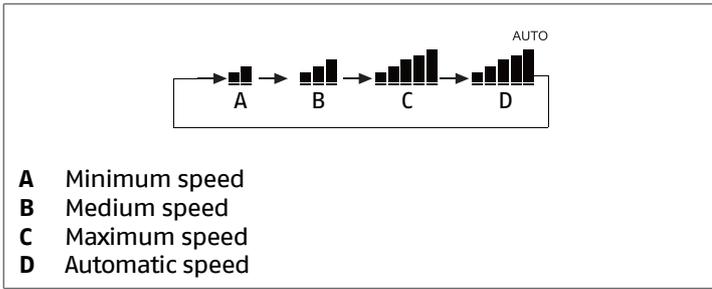
Dehumidification mode

Dehumidification mode allows starting and using the system to reduce ambient humidity.

Required ambient temperature available range is between 16 °C and 30 °C.

The equipment will operate at displayed ventilation speed. When the delta between ambient temperature and set temperature is below two degrees, the equipment will operate intermittently at the minimum ventilation speed.





— work on

— Each press will select a different speed.

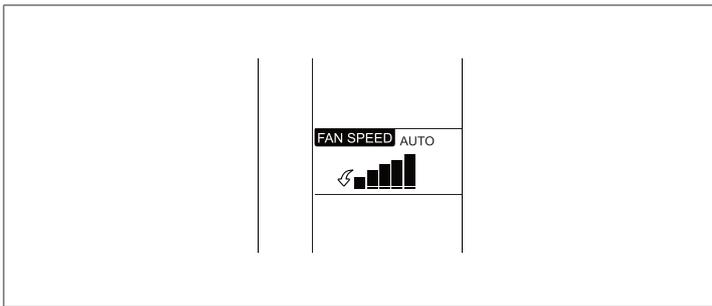
If selected **AUTO**, the speed changes automatically according to preset strategies.

Quiet function

The equipment operation is forced to maintain the super-minimum ventilation speed to reduce noise and improve acoustic comfort.

The Quiet function can be turned on in the following modes:

- Heating
- Cooling



- Activation

— press

Remote control display shows

- Switch-off

— select another operating mode

Alternatively:

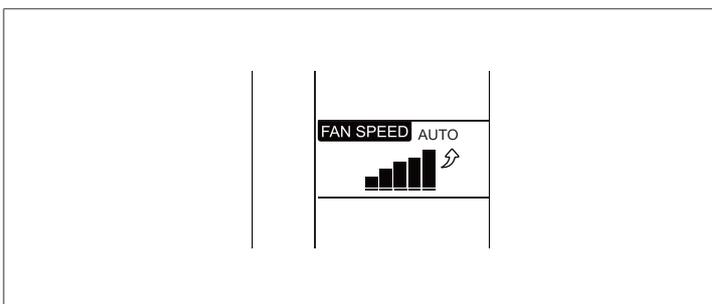
— press to deactivate

Maximum power function

Equipment operation is forced to maximum so as to quickly achieve ambient required conditions.

The Maximum power function can be turned on in the following modes:

- Heating
- Cooling



- Activation

— press

Remote control display shows

- Switch-off

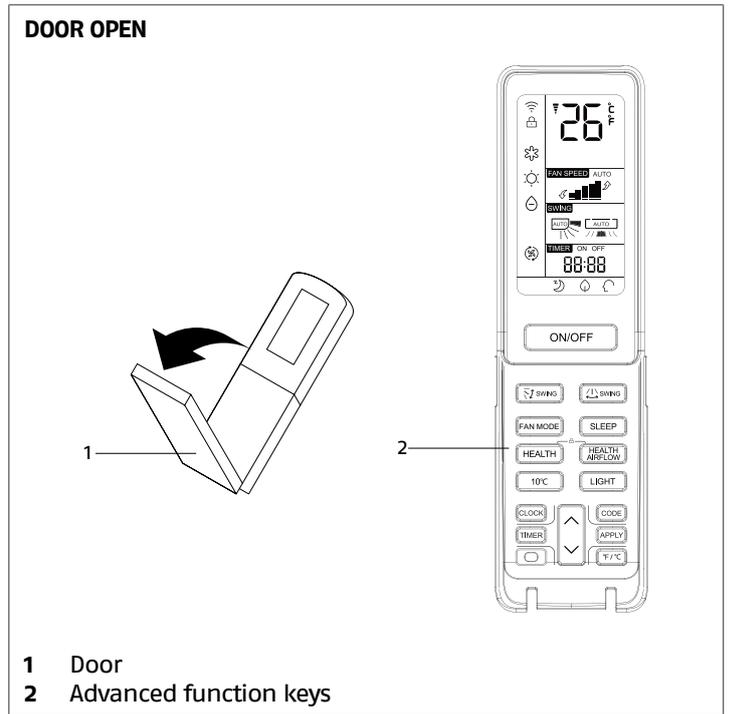
— select another operating mode

Alternatively:

— press to deactivate

2.4 Use with open flap

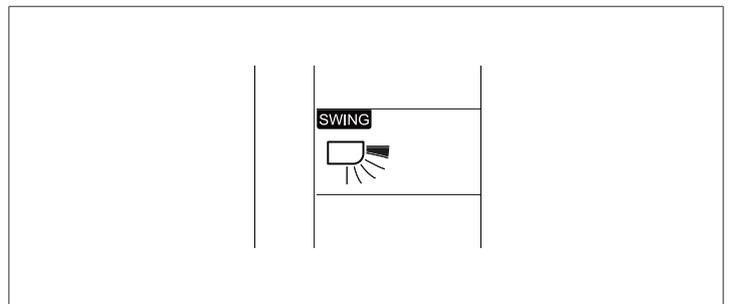
When the door is open, you can access the advanced functions, e.g. time scheduling and motor-driven deflector settings.

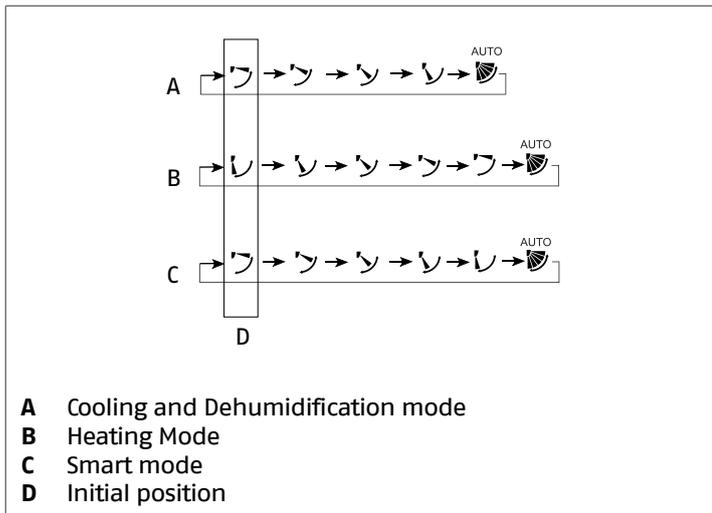


Horizontal motorised deflector

The horizontal motorised deflector controls the vertical air flow by setting a preferred outlet tilt or activating automatic operation.

Set required deflector position as follows:





- work on
- select required position

Each press will select a different position.

If **AUTO** is selected, the position automatically changes according to predefined logics from the program.

! In environments with high humidity, condensation may form on the deflector during operation in Cooling and Dehumidification mode. In this situation, if the deflector is kept in vertical position for a long time, condensation may fall on the objects below.

! Do not set under the equipment any objects susceptible to get damaged in contact with water.

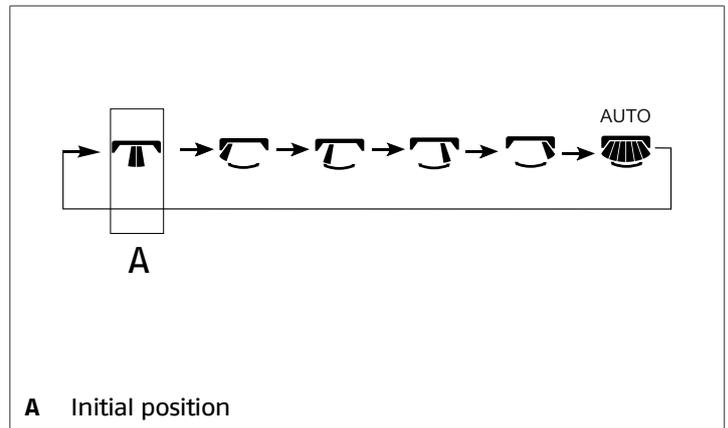
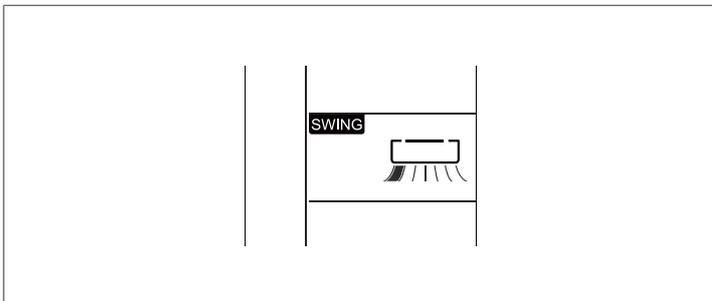
! When climate control system is turned off, the horizontal deflector will close automatically.

Do not manually move the deflector.

Vertical motorised deflector

The vertical motorised deflector controls the horizontal air flow by setting a preferred outlet tilt or activating automatic operation (not available on AMW ST).

Set required deflector position as follows:



- work on
- select required position

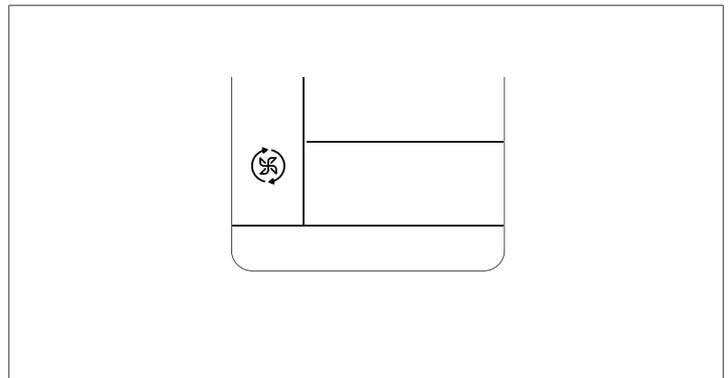
Each press will select a different position.

If **AUTO** is selected, the position automatically changes according to predefined logics from the program.

Do not manually move the deflector.

Ventilation mode

The Fan mode allows the user to turn on only the fan, so as to recirculate and filter ambient air.



- Activation
 - press

The display shows the and the temperature value disappears.

! The equipment will operate at selected ventilation speed.

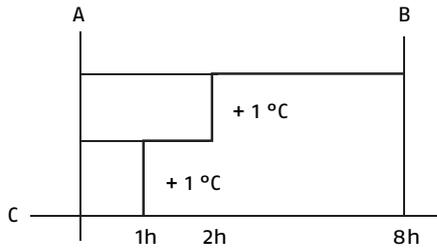
! During operation in Ventilation mode, automatic speed cannot be selected.

- Switch-off
 - press or

disappears in the display of the remote control

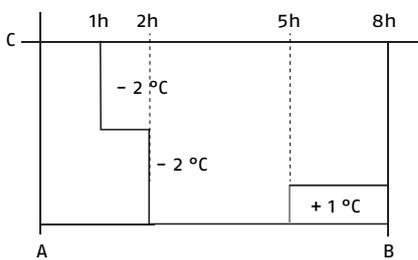
Sleep function

The Sleep function allows user to select a time period throughout which the equipment will change reference ambient temperature:



- A** Sleep function on
- B** Sleep function end and unit switch-off
- C** Set temperature
- h** Hours passed since function activation

— increasing it in Cooling and Dehumidification mode

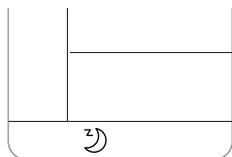


- A** Sleep function on
- B** Sleep function end and unit switch-off
- C** Set temperature
- h** Hours passed since function activation

— decreasing it in Heating mode

⚠ In Smart mode: depending on the operating mode selected by the programme.

⚠ In the Sleep function, fan will decrease its set speed by one.



- Activation

— press **SLEEP**

Remote control display shows

- Switch-off

— press **SLEEP**

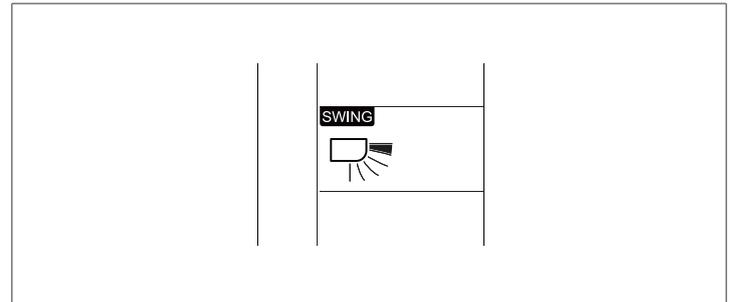
disappears in the display of the remote control

⚠ If the Timer function for automatic stop is already programmed, the Sleep function cannot be turned on.

Health air flow function

The Health air flow function sets the horizontal motorised de-

flector so as to avoid aiming the air flow directly at persons.



- Activation

— press **HEALTH AIRFLOW**

Remote control display shows

This setting is recommended for Cooling mode.

Change deflector position as follows:

— press **HEALTH AIRFLOW**

Remote control display shows

This setting is recommended for Heating mode.

- Switch-off

— press **HEALTH AIRFLOW**

the deflector goes back to the position it had prior to function activation.

⚠ With Health air flow function on, horizontal deflector position cannot be changed.

⚠ In environments with high humidity, condensation may form on the deflector during operation in Cooling and Dehumidification mode. In this situation, if the deflector is kept in vertical position for a long time, condensation may fall on the objects below.

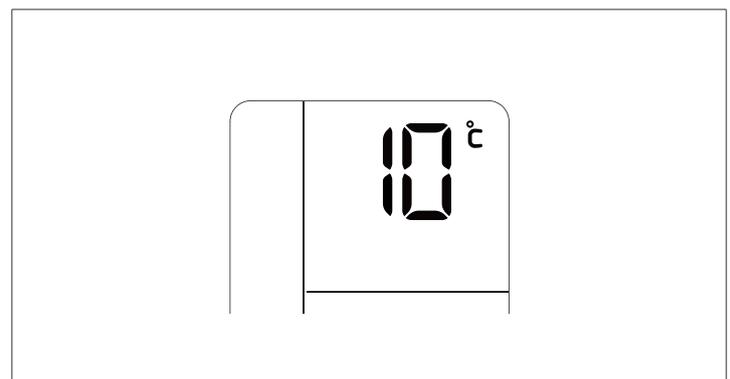
⚠ Do not set under the equipment any objects susceptible to get damaged in contact with water.

Anti-freeze function

In case of long periods away during winter time, the Anti-freeze function maintains the room at a temperature sufficient to avoid freezing (not available on AMW ST).

The Anti-freeze function can be turned on in the following modes:

- Heating



- Activation

— press **10°C**

The display shows the  and the temperature value disappears.

! The equipment will operate at selected ventilation speed.

! The equipment will operate to keep room temperature at 10 °C.

• Switch-off

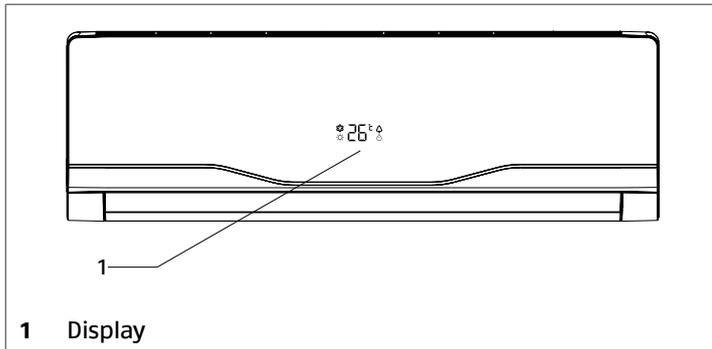
— press 

 disappears in the display and the temperature value appears.

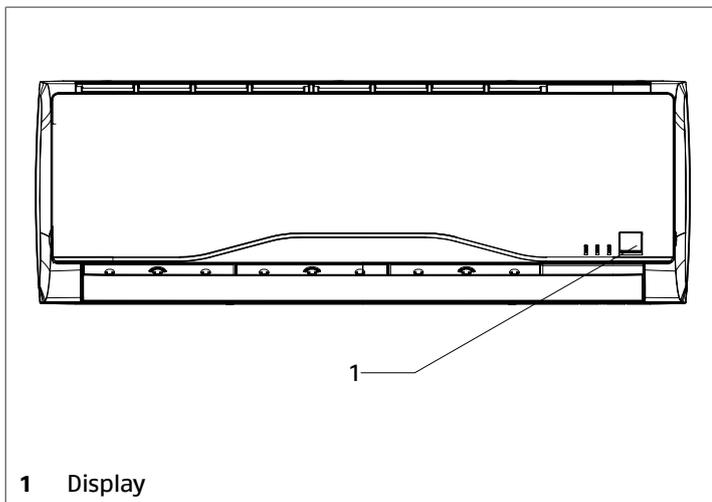
Switching unit display off or on

If required, indoor unit display can be turned off or on.

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AMW ST



— work on 

Each pressure turns display off or on.

Hourly programming

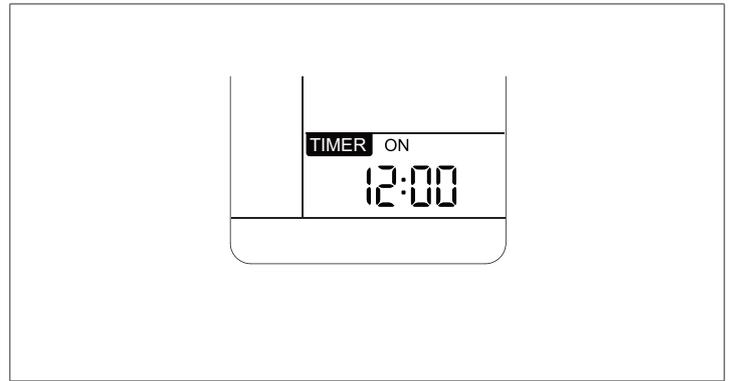
Hourly programming allows user to set equipment on and off times.

Switch-on occurs in the current operating mode.

Automatic switch-on

Automatic switch-on programming allows user to set equipment ON time.

! Before activation, set current time.



• Activation

— aim the remote control on the side opposite to unit receiver

— press 

The remote control turns on.

— aim the remote control to unit receiver

— press 

The display shows the  and the time previously set.

Set required time as follows:

— work on 

Each time the key is pressed, the values changes by 1. By keeping the key pressed down, the value changes faster.

— confirm with 

The  symbol ends intermittently.

• Switch-off

— press in sequence  until all the indications relative to the time programming have disappeared

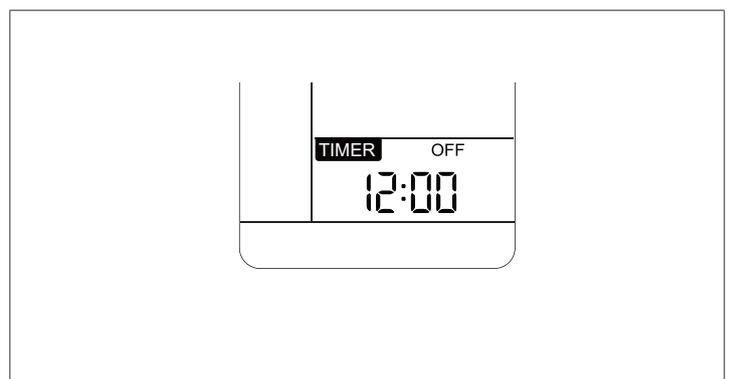
! The set time is memorized by the remote control and appears every time  is pressed.

! Programming remains active even when remote control is off.

Automatic switch-off

Automatic switch-off programming allows user to set equipment OFF time.

! Before activation, set current time.



• Activation

— press in sequence  until the intermittent  appears Remote control display shows previously set time.

Set required time as follows:

- work on 
- Each time the key is pressed, the values changes by 1. By keeping the key pressed down, the value changes faster.
- confirm with 

The OFF symbol ends intermittently.

- Switch-off
 - press in sequence  until all the indications relative to the time programming have disappeared

 The set time is memorized by the remote control and appears every time  is pressed.

 Programming remains active even when remote control is off.

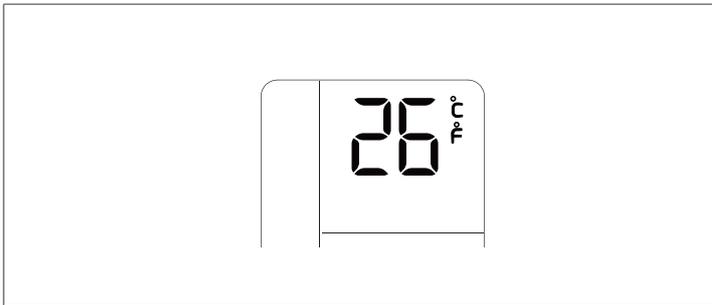
 Hourly programming has higher priority over the Night function. If Automatic switch-off is active, the unit turns off even though the Night function is still active.

Selecting the temperature measurement unit

If required, it is possible to change the temperature measurement unit.

The available units are:

- Celsius °C
- Fahrenheit °F



Select required unit as follows:

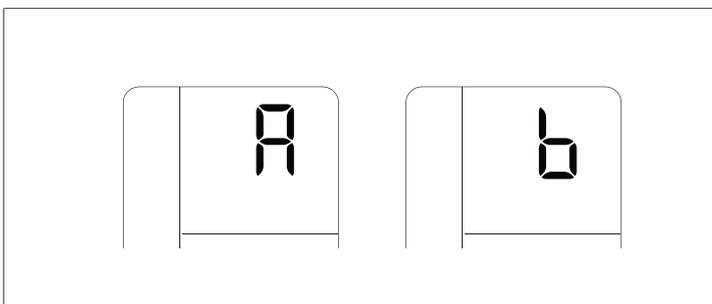
- work on 
- Each press will select a different unit, toggling between °C and °F.

Setting the transmission code

If two indoor units are installed close to one another and user wishes to control them separately, two different transmission channels can be set.

For communication to succeed, the selected communication channel on indoor unit and remote control must be the same.

Available transmission channels are:



Factory set channel is A.

Select required channel as follows:

- work on 

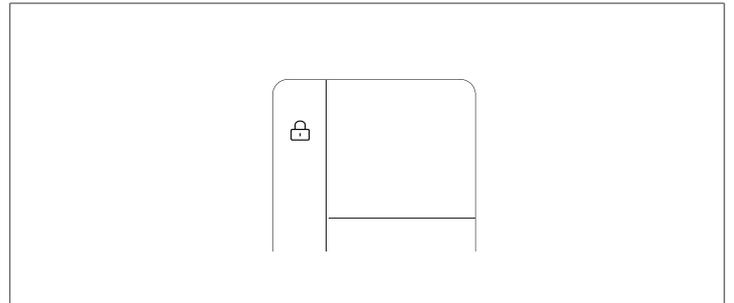
Each press will select a different channel, toggling between A and B.

 The unit will not operate if the transmission channel settings in indoor unit and remote control are not the same.

 To change transmission channel on indoor unit, contact the Technical Support Service.

Button locking

Prevent any accidental control by locking remote control buttons.



- Button locking
 - press  +  simultaneously

Remote control display shows .

- Button unlocking
 - press  +  simultaneously
-  disappears in the display of the remote control

2.5 Emergency switch

The emergency switch allows equipment switch-on and off in an emergency (faulty remote control, flat batteries).

Switch-on occurs with preset settings according to detected ambient temperature:

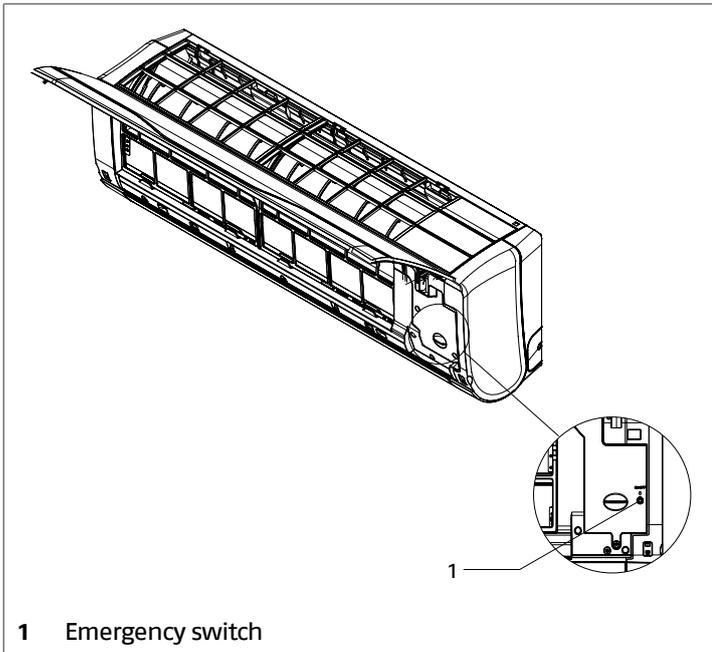
Ambient temperature above 24 °C

- Cooling mode
- Temperature setting 24 °C
- Ventilation speed Auto
- Hourly programming off

Ambient temperature below 24 °C

- Heating Mode
- Temperature setting 24 °C
- Ventilation speed Auto
- Hourly programming off

 Presets cannot be changed.



Activation

- lift the front panel
- press the emergency switch using a pointed object

Equipment outputs a warning sound and switches on.

Switch-off

- lift the front panel
- press the emergency switch using a pointed object

Equipment switches off.

⚠ The auxiliary switch is an emergency device and must not be used regularly.

2.6 Temporary shutdown

In order to shut down the unit for periods of brief absences:

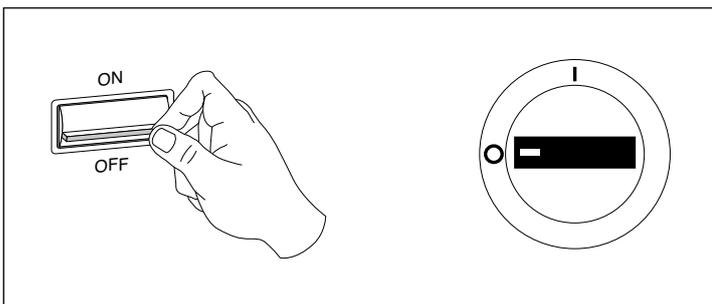
2.9 Cleaning

AMW P – AMW ST

The only necessary cleaning, on the part of the user, are those of the remote control, of the cover cabinet, of the front grille, of the mesh filters and the replacement of the purifying filters.

⚠ All described operations MUST be carried out under the following conditions:

- cold device
- device NOT supplied with electric power
- suitable personal protection equipment



press **ON/OFF**

The unit display turns off.

The horizontal motorised deflector closes.

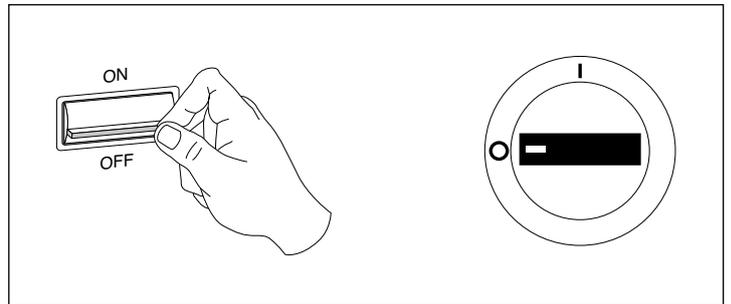
⚠ The settings are memorized by the remote control and are activated each time **ON/OFF** is pressed.

⚠ Turn unit off exclusively through the remote control.

2.7 Stop for an extended period of time

If the device has not been used for an extended period of time, carry out the following operations:

- start the device in ventilation mode
- select the maximum speed
- let the device run for 6 hours
- deactivate the unit with the remote control



— position the system's main switch in the "OFF" position.

2.8 Maintenance

Routine maintenance is fundamental for keeping the equipment efficient, safe and reliable. It can be performed periodically by **RIELLO** Technical Support Service, whose staff is technically qualified and can use genuine spare parts, if necessary.

⊘ Do not open the access covers and carry out technical or cleaning activities before disconnecting the unit from the power grid by positioning the system's main switch in the "OFF" position.

Cleaning the remote control

- clean with a soft and dry cloth

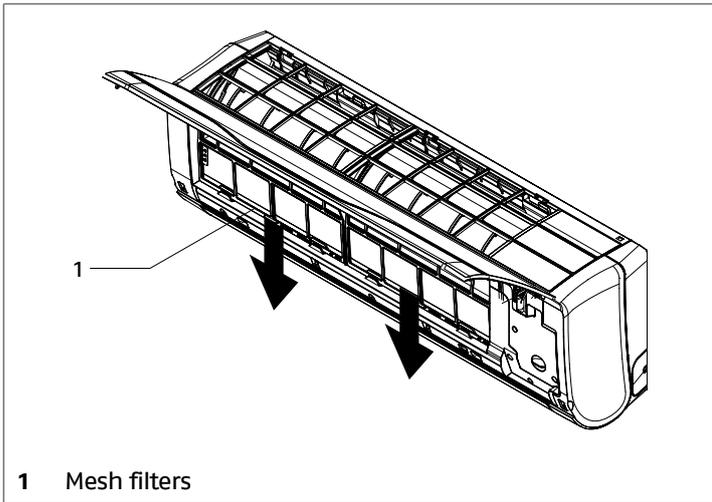
Cleaning the housing and front panel

- wet a sponge or soft cloth with water and soap to wash
- once cleaning is over dry surfaces with care

⚠ Do not use water at a temperature that is higher than 40°C, powder or abrasive detergents, solvents and brushes.

Mesh filter cleaning

Cleaning the mesh filters ensures trouble-free operation of the climate control system.



- open the front panel
- take out the mesh filter by grabbing the relevant fins
- remove exhausted purifying filters if present
- remove dust with a vacuum cleaner

⚠ Stubborn dirt can be removed by washing the filter in a luke warm (max. 40°C) solution of water and neutral detergent. After washing, rinse the filters well and leave to dry in the shade.

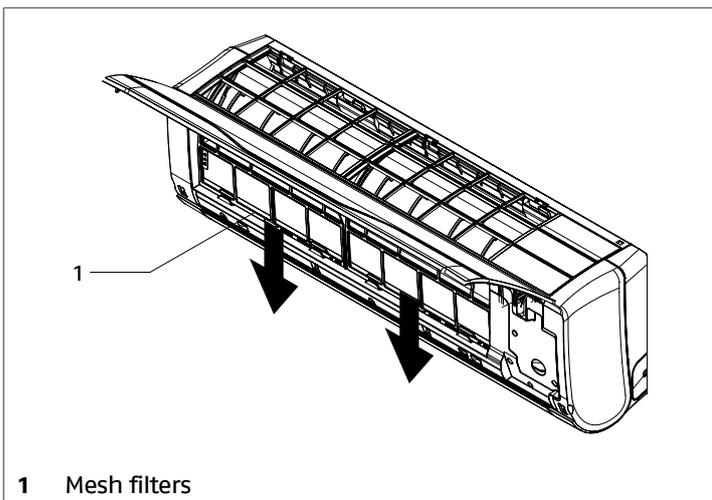
⚠ Exposing the filters to the sun or washing them with water at a temperature that is higher than 40 °C can cause the filters to shrink.

⊘ It is forbidden to use the device without mesh filter.

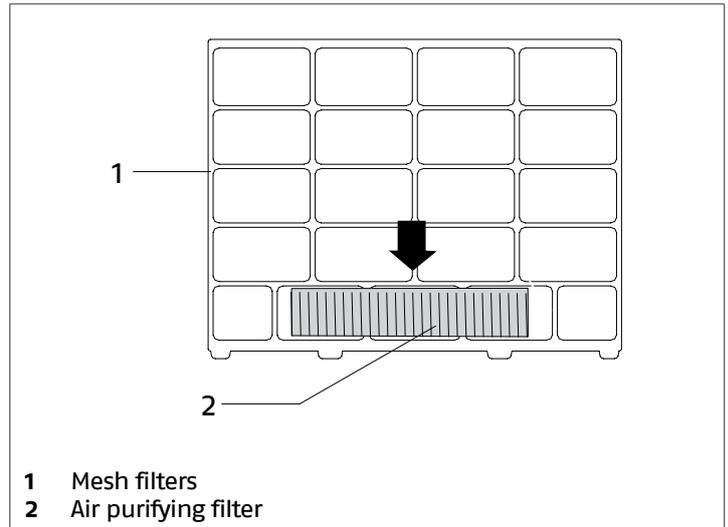
Purifying filter replacement

The cleaning of the purifying filters, if present, allows the optimal operation of the air conditioner and guarantees the quality of the treated air.

To replace the filters:



- open the front panel
- take out the mesh filter by grabbing the relevant fins



- remove exhausted purifying filters
- insert new purifying filters into the prearranged slots
- to reposition them, proceed in reverse order

⚠ Keep the purifying filters sealed until their actual use.

⚠ Installing the purifying filters reduces the air flow and results in lower performance. It is advised to use the device at the highest speeds.

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The following checks are part of the monthly maintenance plan:

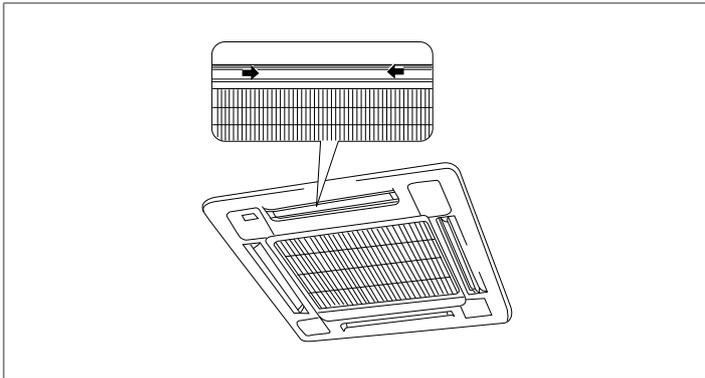
- cleaning the housing and front panel
- mesh filter cleaning

Cleaning 4 ways panel

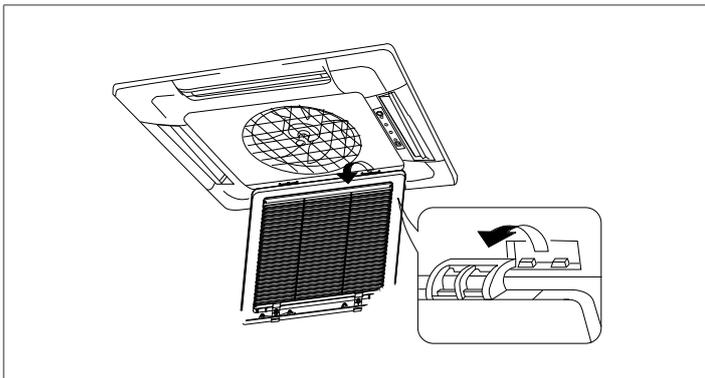
- wet a sponge or soft cloth with water and soap to wash
- once cleaning is over dry surfaces with care

⚠ Do not use water at a temperature that is higher than 40°C, powder or abrasive detergents, solvents and brushes.

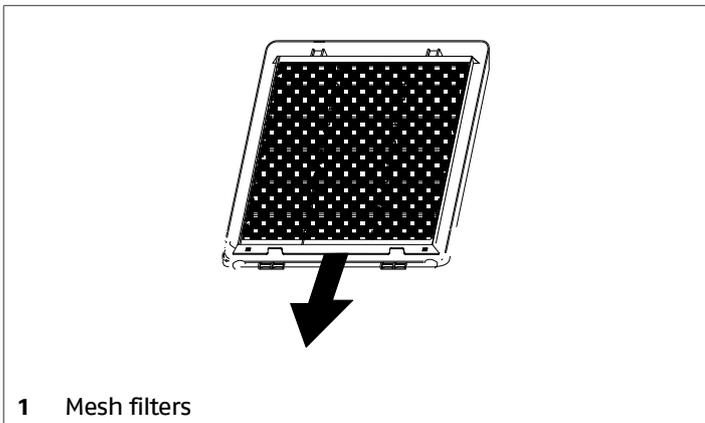
Mesh filter cleaning



- open the air intake grill



- unfasten grill
- remove grill



- take out the mesh filter by grabbing the relevant fins
- remove dust with a vacuum cleaner

⚠ Stubborn dirt can be removed by washing the filter in a luke warm (max. 40 °C) solution of water and neutral detergent. After washing, rinse the filters well and leave to dry in the shade.

⚠ Exposing the filters to the sun or washing them with water at a temperature that is higher than 40 °C can cause the filters to shrink.

⊖ It is forbidden to use the device without mesh filter.

2.10 Troubleshooting

Power failure

If after pressing  on the remote control unit display does not light up and the appliance does not switch on, check that:

- the power plug of the appliance, if present, is properly inserted
- the general system switch is positioned on "on"
- remote control batteries are well charged

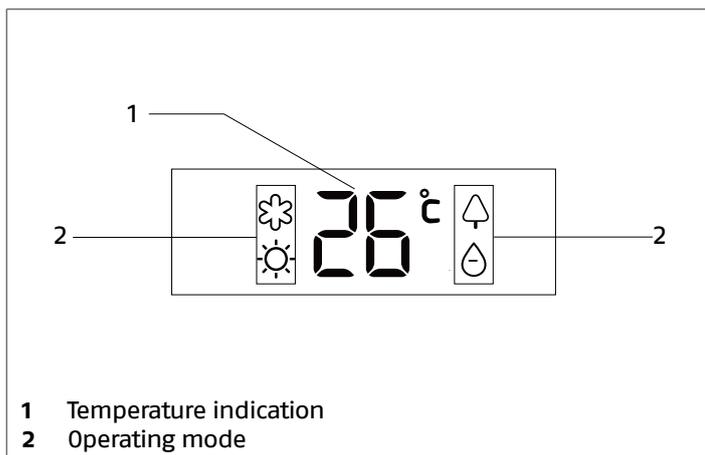
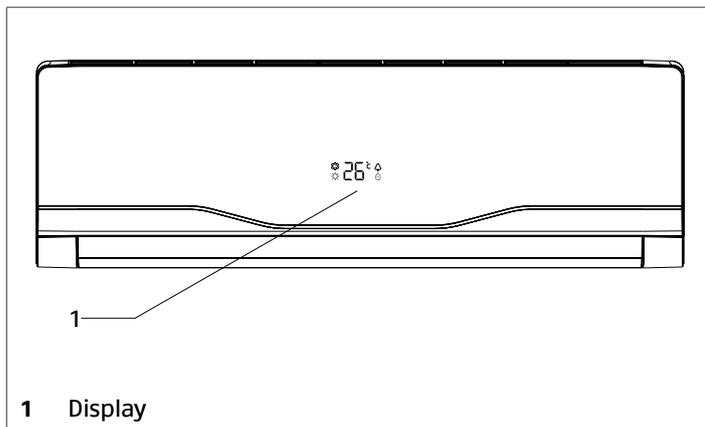
 If necessary, contact **RIELLO** Technical Support Service.

The climate control system does not sufficiently cool down or

AWM P

Faults on unit display

Operating anomalies are signaled with a code from the indoor unit display. Their intervention secures the appliance and blocks its operation.



AMW ST

Faults on unit display

Operating anomalies are signaled with a code from the indoor unit display. Their intervention secures the appliance and blocks its operation.

warm up the air

Check that:

- the mesh filter is clean
- the purification filters, if installed, are clean
- doors or windows in communication with the outside are closed
- the airflow of the outdoor unit is free of obstacles
- set temperature is the one actually required
- the transmission channel set using the  key is **A**. If the transmission does not occur try to change the channel in **b**

 If necessary, contact **RIELLO** Technical Support Service.

To restore operating conditions:

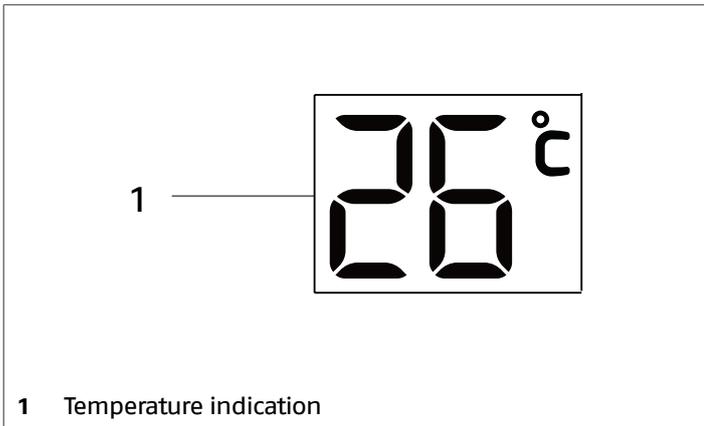
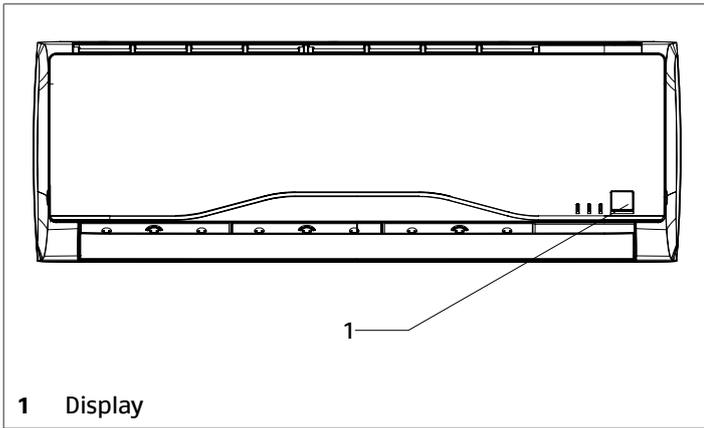
- set the main switch to "Off"
- allow 10 minutes
- reposition the general switch on "on"
- press  on the remote control

If the climate control system resumes normal operation, it means that shutdown was due to an erratic condition.

If the fault occurs again, an accurate check of the device components is required. Contact **RIELLO** Technical Support Service.

Fault codes for indoor unit

Code	Description	Remarks
E1	Room probe fault	The unit resets after problem resolution
E2	Exchanger probe fault	
E4	Microprocessor malfunction	
E7	Communication error between indoor unit and outdoor unit	
E14	Fan motor malfunction	



To restore operating conditions:

- set the main switch to "Off"
- allow 10 minutes
- reposition the general switch on "on"
- press  on the remote control

If the climate control system resumes normal operation, it means that shutdown was due to an erratic condition.

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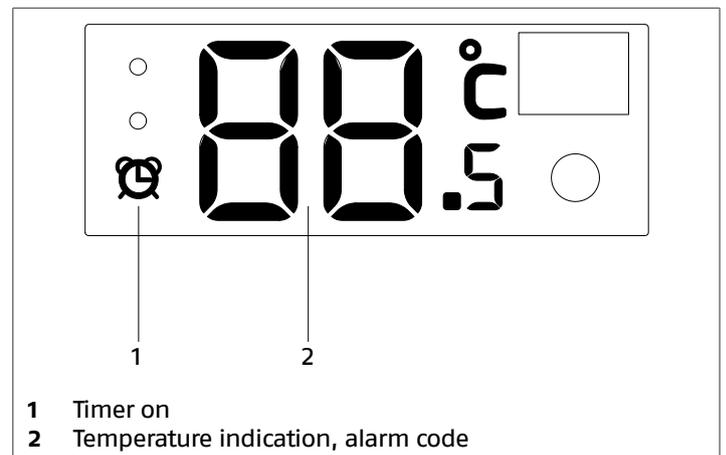
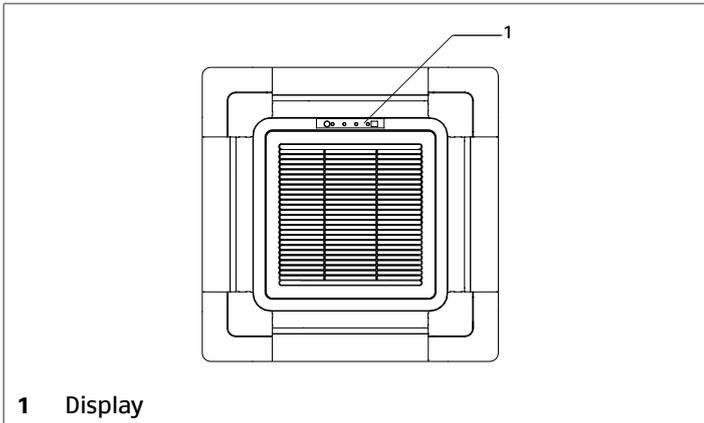
Fault codes for indoor unit

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E14	Fan motor malfunction	

AMK P

Faults on unit display

Operating anomalies are signaled with a code from the indoor unit display. Their intervention secures the appliance and blocks its operation.



To restore operating conditions:

- set the main switch to "Off"
- allow 10 minutes
- reposition the general switch on "on"
- press  on the remote control

If the climate control system resumes normal operation, it means that shutdown was due to an erratic condition.

If the fault occurs again, an accurate check of the device components is required. Contact **RIELLO** Technical Support Service.

Fault codes for indoor unit

Code	Display	Description	Remarks
01	01.5°C	Room probe fault	The unit resets after problem resolution
02	02.5°C	Exchanger probe fault	
04	04.5°C	Microprocessor malfunction	
07	07.5°C	Communication error between indoor unit and outdoor unit	
12	0C.5°C	Malfunction condensation drain system	
13	0D.5°C	Zero cross signal detected wrong	
14	0E.5°C	Fan motor malfunction	
16	10.5°C	Indoor unit operating mode different from outdoor unit	

Faults requiring intervention of the Technical Support Service

If any of these faults occurs:

- the power cable is too hot or damaged
- a strange noise is heard during operation
- the circuit breaker, a fuse or the circuit breaker circuit breaker trips continuously
- a switch or a button is not operating properly
- user smells burnt
- water leaks from the indoor unit

An accurate inspection of equipment components is required.

- set the main switch to "Off"
- immediately contact **RIELLO** Technical Support Service.

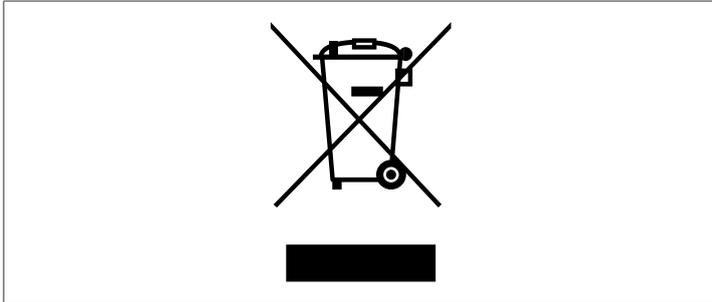
Normal noise during operation

During normal operation, the equipment may make particular noise linked to settling, expansion of the materials or refrigerant flow. This type of noise should not be considered a fault:

- ticking due to expansion or shrinking of materials upon temperature changes
- hiss due to refrigerant cycle inversion when changing operating mode and toggling between Cooling and Heating or during defrost
- swish similar to water flowing due to the refrigerant gas flowing in the unit

3 DISPOSAL

Packing materials must be disposed of separately, in order to be recovered and recycled. Equipment at end of life and flat batteries must be disposed of as required by prevailing law and regulations.



RIELLO

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As the manufacturer is constantly improving its products, the aesthetic or dimensional features, the technical data, the equipment and accessories indicated could be subject to variations.