

# **FINLUX**

**AC12CALWWF / AC12VENDWF**

**AC12FLOW / AC21FLOW**

**AIR CONDITIONER**

USER MANUAL



## **Dear Customer,**

Congratulations for choosing a nature and technology friendly FINLUX product.

Aspiring to present products above and beyond your expectations, FINLUX brings which has been manufactured and quality-controlled meticulously at modern plants, into your use. This operating manual will guide you through the use of your air conditioner. You will see that your air conditioner is equipped with the most advanced technological solutions and quite easy to use.

The life of your air conditioner will prolong if you perform necessary care and maintenance procedures.

We hope you enjoy using your air conditioner.

## **Important Information on Safety**

The operating manual includes important information about the initial use, safety, intended use, cleaning and maintenance of your air conditioner.

Always keep this operating manual with your air conditioner. When you transfer your air conditioner make sure to transfer its manual too.

Read the operating manual carefully before using your air conditioner to prevent burns, electric shocks, fire or injury risk. Strictly follow the operating, troubleshooting and cleaning instructions for your air conditioner.

The air conditioner must be mounted by FINLUX Authorised Service.

The air conditioner must be grounded.



**WARNING: Denotes death or severe injury risk.**



**CAUTION: Denotes injury or property damage risk.**



**WARNING: Includes flammable gas**

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## **Safety Warnings**

### **Safety Information on Installation of the Air Conditioner**

**WARNING:** The air conditioner must definitely be grounded. Insufficient grounding may cause electric shocks. Do not connect the grounding wire to gas pipes, water pipes, lightning conductors or telephone grounding wire. After mounting, the appliance should be powered up in order to determine grounding leak check. If you neglect, it may cause electric shocks and damages in the product.

**WARNING:** The appliance should be mounted in accordance with "Mounting Instructions" by FINLUX Authorised Service. Persons other than the authorised service providers must not install the product. Otherwise, damages and injuries will occur.

**WARNING:** Wiring should be done by an expert electrician according to national regulations on electrical wiring.

**WARNING:** In the event that your air conditioner is connect-

ed permanently to a fixed harness system and has a leakage current that may exceed 10 mA, a leakage preventer relay with an operating current not more than 30 mA should be installed on the fixed cable.

**WARNING:** Your air conditioner should be wired up to the mains at appropriate current with a lagged V-switch.

**WARNING:** Do not install the air conditioner near inflammable gases or liquids to avoid situations such as the risk of fire.

**WARNING:** In order to avoid extraordinary noise and vibration, request from the authorised service personnel a proper fixation of the air conditioner.

**WARNING:** Request from the authorised service personnel the mounting of the air conditioner to somewhere that would not disturb your neighbours.

**WARNING:** After the mounting, electrical switch/fuse should be easily accessible.

- The air conditioner should be connected and operated only according to the information on the product label. Before using the air condi-

tioner, check that the voltage rating of your mains is compatible with the value specified on the product label.

**WARNING:** Connect and operate your air conditioner necessarily to a grounded energy line via a fuse.

**WARNING:** Manufacturer company shall not be held responsible for the damages resulting from operating without grounding.

- Installation and repairs should always be done by the Authorised Service.
- The manufacturing company shall not be held responsible for any damage due to operations conducted by unauthorised persons.
- The indoor unit should be mounted at no less than 1.8 meters high from the ground.

## **Safety Information on Use of the Air Conditioner**

**WARNING:** Do not put your fingers or any other object in the air inlet or outlet on the indoor and outdoor units.

**WARNING:** Do not put any obstacles in front of the outdoor

unit and do not cover.

**WARNING:** Do not insert anything between the fins of air flow router. The indoor unit fan may get damaged and cause injuries.

**WARNING:** In order to prevent the air conditioner getting damaged during power cuts or thunder and lightning storms, power off the appliance by switching the fuse/power switch off. Neglecting to do so may cause fire or electric shocks.

**WARNING:** Contains fluorinated greenhouse gases specified within the scope of the Kyoto Protocol.

**CAUTION:** Do not expose your body directly to the air flow for a long time. Do not expose humans, pets or plants directly to the hot or cool airflow of the air conditioner in any way. Set the direction of the airflow in such a way that it does not blow directly onto humans.

Do not expose yourself to the cool air for a long time. This may lead to health problems.

**CAUTION:** Close the doors and windows; otherwise cooling or heating performance may decrease and the product may

have some problems.

- Do not use the air conditioner for a long time in spaces that is not ventilated at all. Ventilate the environment occasionally while operating the air conditioner with devices such as stove etc. at the same time.
- If the humidity is very high or the doors or windows are open, do not leave the air conditioner running for a long time.
- Do not leave the air conditioner under open air conditions (sun, rain etc.) except the outdoor unit.
- The air conditioner is designed for household applications and indoors. Do not use the air conditioner for purposes (e.g. for the protection of sensitive equipment, foods, pets, plants etc.) other than cooling and heating the space you are in.

**WARNING:** Operating the air conditioner for purposes other than its intended purpose may cause dangerous situations and renders the warranty void. Damages occurred due to these con-

ditions are compensated by the user. Use your air conditioner only according to the intended use defined.

- In order to prevent overloading of the electrical circuit, do not operate any other high-power appliance on the same circuit. Do not connect with extension cables or multi plugs. Ignoring this instruction may result in electric shock, damages, etc.
- Children at age 8 and above, those persons with limited physical and/or mental capabilities and those who lack information must follow the relevant safety instructions and be supervised when using the product.
- Children should not be allowed to play with the air conditioner. Cleaning and user maintenance operations should not be made by children unless supervised by an adult.
- Children playing with the air conditioner, or performing cleaning and maintenance procedures without supervision may cause dangerous



situations.

- Packaging materials may lead to a choking. Keep them away from the children.
- Before use, check the functions of your air conditioner accurately.
- The air conditioner should be used only if there is no damage on its body and on the power cable.
- Check the power cable for damages regularly. Do not strain the power cable of the air conditioner. Do not put any objects on the power cable.
- If the power cable is damaged, it should be replaced by the authorised service recommended by the producer only in order to avoid any danger.

Never use your air conditioner under the following conditions:

- If the air conditioner or the power cable is damaged,
- If the air conditioner is not running properly,
- If the electrical parts of the air conditioner are visibly damaged,
- If the air conditioner is wet,

has dropped into water or any other liquid, exposed to water flooding incident, its electrical components have come into contact with water,

- If strange noises, smoke or smells emanate from the air conditioner.

If any of the cases mentioned above is detected, shut down your air conditioner immediately, disconnect the power supply connection and contact with the authorised service.

- A damaged air conditioner or damaged parts of the air conditioner may cause severe injuries and fire.
- In case of any malfunction, do not attempt to repair or disassemble the air conditioner yourself.
- If it is re-mounted wrongly, it may cause electric shocks during use. There is no part within your air conditioner which can be repaired by the user.
- Use of accessories not recommended by the manufacturer may cause injuries and damages to the air condi-

tioner.

- Do not damage the air conditioner's cooling system in which refrigerating gas circulates with sharp objects. If the refrigeration gas blows out due to puncturing in heat exchanger gas ducts and upper surface platings of pipe joints, it may cause skin irritations and eye injuries.
- Do not cover or put any object in front of the air inlets and outlets of the air conditioner or the outdoor unit while running.
- Do not spray flammable and refrigerant gases onto the air conditioner.
- When there is a refrigerant gas leakage in the air conditioner, open the windows to ventilate the area and call the Authorised Service.
- Do not put heating devices near the air conditioner and the power cable. Excess heat that might be radiated from these devices may melt the plastic parts of the air conditioner.
- Do not touch or run the air conditioner with wet or moist

hands.

- If the air conditioner will not be used for a long time, disconnect the power supply from the fuse.
- When the power is restored after a blackout, your air conditioner will restart running again at the last mode it is set.
- If you will leave your home before the power is restored, turn the switch of your air conditioner off.
- Do not throw or insert any object inside the holes.

Make sure that the air conditioner is turned off and the power is cut from the fuse/power switch under the following conditions:

- Before installation,
- Before cleaning and maintenance,
- Before repairs,
- Do not drink the water drained off from the air conditioner. Otherwise, severe health problems may occur.
- Do not leave the indoor unit under the rain or at a location where it can get wet.
- If the air conditioner will be

displaced and re-mounted at a new location, contact the authorised service.

### **Safety Information to be Considered when Performing Cleaning and Maintenance Procedures**

- To prevent the risk of electric shock, turn off the air conditioner, shut down its fuse or switch gear before cleaning.
- Do not use liquid or abrasive detergents to clean the air conditioner. Do not splash with water or other liquids; otherwise plastic parts may get damaged and even electric shocks may occur.
- In order to prevent short circuits and fires, keep the indoor unit dry. Clean and maintain your air conditioner as described in the "Cleaning and Maintenance" section.
- Do not use or approximate chemicals to your air conditioner. Do not use substances such as gasoline or thinner.
- Insert the air filter after it gets dry completely. Operating the appliance without filters

may cause breakdowns.

### **Safety Information to Take into Consideration During Handling and Transportation**

- During handling and transportation of your air conditioner, watch out the ARROW sign while handling the indoor unit.
- Carry the outdoor unit vertically and keep it vertically at the place it is stored.
- Do not step on and do not put heavy objects on the indoor and outdoor unit boxes.
- For the re-mounting of the air conditioner at a new location, contact the authorised service.

### **Installation**

**WARNING:** The air conditioner must be installed according to national plumbing directive.

**WARNING:** The air conditioner should be installed by FINLUX Authorised Service according to "Installation Instructions".

**WARNING:** The appliance should not be mounted on the stairs, exits or hallways of the building.

The stable pressure by which the air conditioner is experienced is 100 Kpa.

The fuse that should be used in the electrical connection of the air conditioner is type C 16 A for 9,000 and 12,000 btu and type C 20 A for 18,000 and 24,000 btu.

Care should be given to the wire diameter cross-section in the electrical wiring of the place where the air condition will be installed.

Only the outdoor unit of your air conditioner is proper for use outside the building.

## **Choosing the Mounting Position**

### **Indoor Unit**

- There should not be any va-

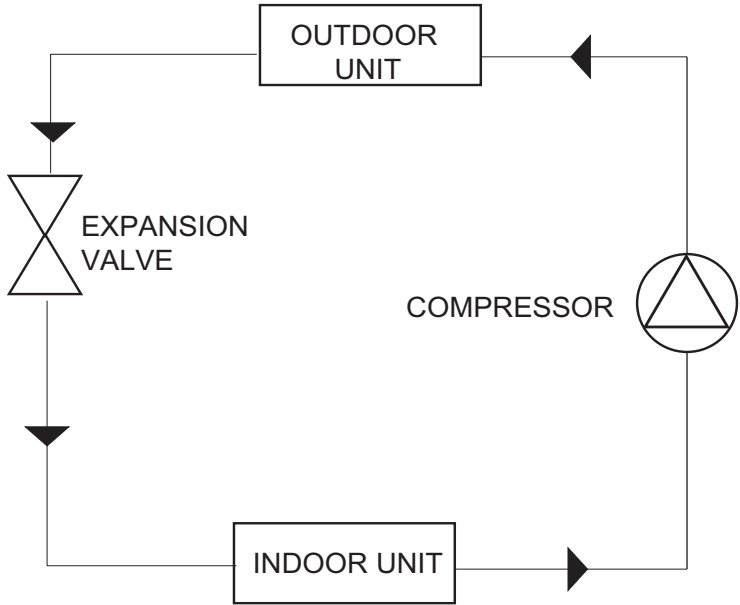
pour or heat source near the air conditioner.

- There should not be any obstacle preventing air circulation at the mounting position.
- Air circulation should be sufficient.
- Discharge should be easily executable.
- It should not be close to the door entrance.
- There should be enough distance between the air conditioner and the wall, ceiling, decorations and other obstacles.
- The mounting position should be about 30 centimetres below the ceiling.

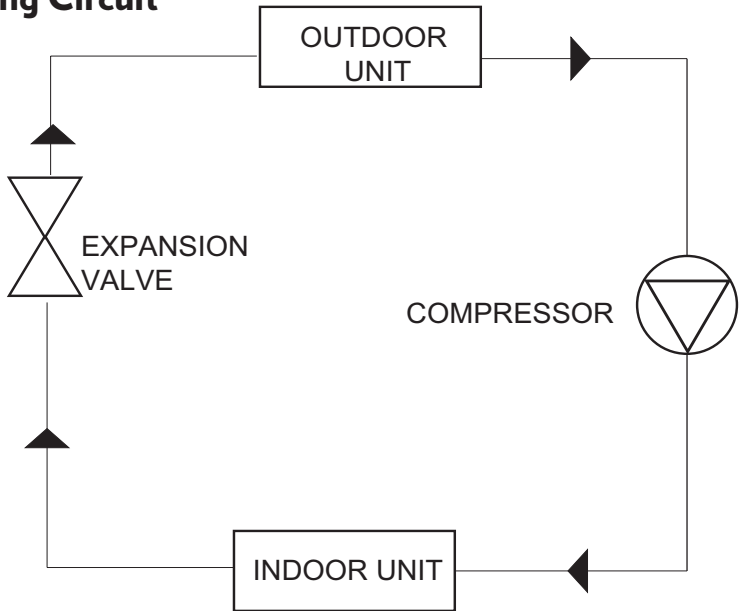
### **Outdoor Unit**

- If there is an awning protecting the outdoor unit from sunlight or rain, make sure that it does not prevent condenser from distributing the heat.
- There should be enough distance between the air conditioner and the wall, ceiling, decorations and other obstacles.

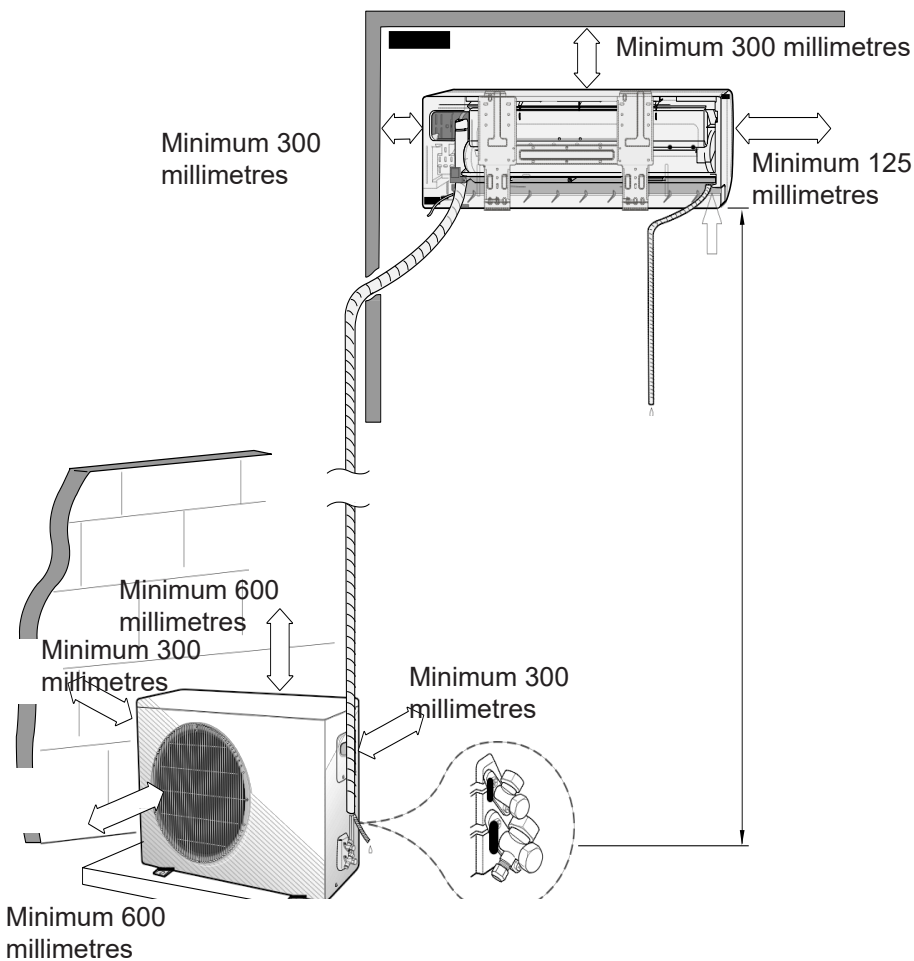
**Cooling Circuit**



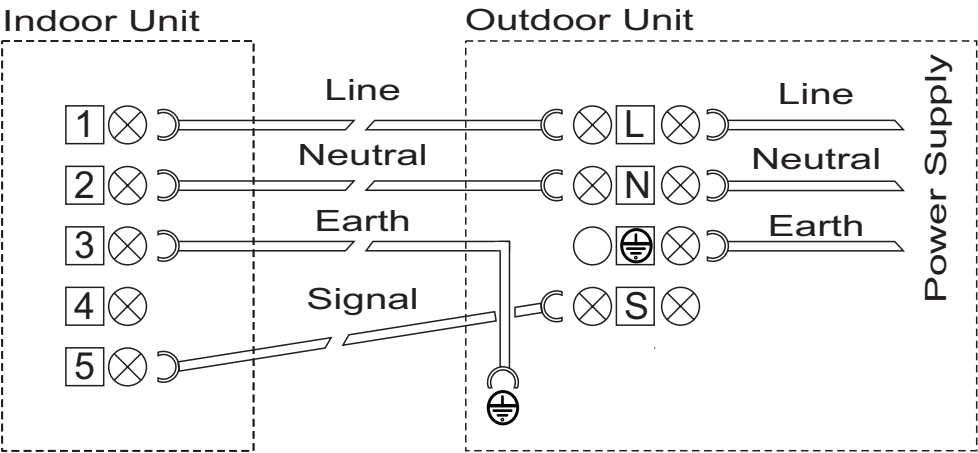
**Heating Circuit**



The distances stated in the chart below should be applied in the installation of indoor and outdoor units.



# Power Connections of Indoor and Outdoor Units



## Batteries

- Do not expose the batteries directly to sunlight, fire, excessive heat and etc.
- Do not use used batteries together with new batteries. Replace the used batteries with the batteries whose shapes and types are the same as defined in the battery installation section. Do not use rechargeable batteries.
- Do not use the remote control if the batteries have leaked. Do not touch the liquid leaking from the batteries. In case of contact, wash out with water.

## Liability Limitation

All of the technical information, instructions in this manual includes the latest information on your air conditioner, its operating and maintaining. The manufacturing firm shall not bear any responsibility for any possible damages and injuries due to non-compliance with the instructions in this operating manual, misuse of the appliance, unauthorized reparations, making unauthorized modifications on the appliance and use of spare parts unapproved by the manufacturing firm.

Make sure that the supply voltage at the installation site matches properly with the operation voltage range specified in the technical specifications of your air conditioner and that necessary measures are taken. The user is responsible for assuring the compliance of the electrical wiring at the site where the air conditioner will be installed.



## Technical Values

- Nominal values are determined according to T1 climate conditions of TS EN 14511 standards. In case that indoor and outdoor temperatures are different from the temperature values on which the standard is based; cooling and heating capacities would change.
- Seasonal efficiency values are determined according to EN 14825 Standard.
- The values indicated in the product label or other documents related to the product, are obtained in the laboratory environment according to respective standards and they may change depending on the use of the product and indoor/outdoor environment conditions.
- Technical specifications and the manual are subject to change without prior notification.



This product complies with the European CE Directives no. 2014/30/EU (Electromagnetic Compliance Directive) and 2014/35/EU (Low Voltage Directive (LVD)).



This appliance conforms to the Directive on Supervision of the Waste Electric and Electronic Appliances (WEEE).

# Important Information About R32 Gas

This product contains fluorinated greenhouse gases. Refrigerant must not be released to the atmosphere.

Refrigerant: R32

GWP (Global Warming Potential: 675

Periodic checks may be required for gas leakage. Contact your dealer or authorised service for more information.

**Note: CO<sub>2</sub> equivalent (tCO<sub>2</sub>eq):** Greenhouse gas emissions of the total refrigerant charge in the product is used to specify the maintenance intervals. Refer to the relevant regulations for detailed information.

$$\text{Greenhouse gas emission value} = \frac{\text{Refrigerant GWP value} \times \text{Total refrigerant amount}}{1000}$$

**WARNING:** Refrigerant used in product is flammable. Normally refrigerant leakage will not occur. Fire may arise or harmful gases may be released if the refrigerant comes into contact with the flame on heaters, cookers, etc. in the environment in case of a gas leakage.

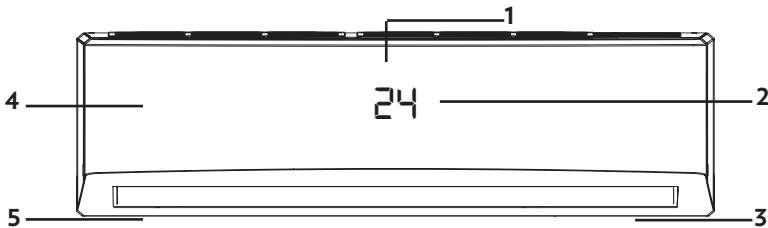
Observe the following measures in case of a refrigerant leakage:

- Switch of all heaters, cookers and etc.
- Ventilate the room.
- Inform the dealer or authorised service from whom you have purchased the product.
- **NEVER** operate the product until the authorised service confirms that the problem related with the gas release is remedied.

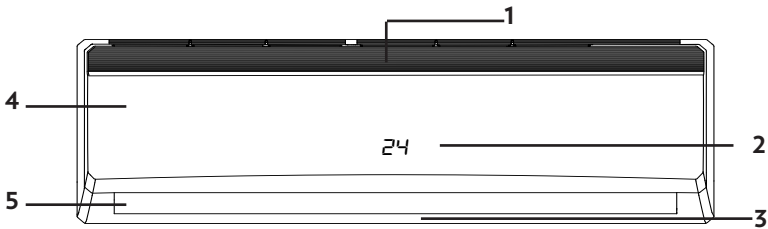
Technical Values (AC12CALWWF/ AC12VENDWF/ AC12FLOW)			
Nominal Capacity	Cooling	Btu/h	11.600
	Heating	Btu/h	13.000
Nominal Capacity	Cooling	(kW)	3,40
	Heating	(kW)	3,8
Capacity Interval	Cooling	Btu/h	4.400 - 14.100
	Heating	Btu/h	4.100 - 16.000
Input Power (Nominal)	Cooling	W	1450
	Heating	W	1120
Operating Current (Nominal)	Cooling	A	6,6
	Heating	A	5,0
Design Load	Cooling	(kW)	3,4
	Heating	(kW)	2,3
Seasonal Energy Efficiency	(SEER) Cooling		6,6
	(SCOP) Heating		4,0
Seasonal Energy Class	Cooling/Heating		A++/A+
Refrigerant			R32
Power source			220-240V / 50 Hz
Outdoor Unit Measures	WxHxD	mm	817x300x533
Indoor Unit Measures	WxHxD	mm	822x281x190
Interconnection Pipes	Liquid line	inch	1/4"
	Gas Line	inch	3/8"
Noise level	Indoor Unit	dbA	52
	Outdoor unit	dbA	63
Outdoor Operating Temperature	Cooling (Maximum)		+46

Technical Values (AC21FLOW)			
Nominal Capacity	Cooling	Btu/h	21.000
	Heating	Btu/h	22.500
Nominal Capacity	Cooling	(kW)	6,16
	Heating	(kW)	6,66
Capacity Interval	Cooling	Btu/h	5.500 - 23.000
	Heating	Btu/h	5.500 - 24.000
Input Power (Nominal)	Cooling	W	2.300
	Heating	W	1.935
Operating Current (Nominal)	Cooling	A	10,7
	Heating	A	8,8
Design Load	Cooling	(kW)	6,2
	Heating	(kW)	4,5
Seasonal Energy Efficiency	(SEER) Cooling		6,1
	(SCOP) Heating		4,0
Seasonal Energy Class	Cooling/Heating		A++/A+
Refrigerant			R32
Power source			220-240V / 50 Hz
Outdoor Unit Measures	WxHxD	mm	900x364x643
Indoor Unit Measures	WxHxD	mm	1053x323x226
Interconnection Pipes	Liquid line	inch	1/4"
	Gas Line	inch	1/2"
Noise level	Indoor Unit	dbA	59
	Outdoor unit	dbA	67
Outdoor Operating Temperature	Cooling (Maximum)		+46

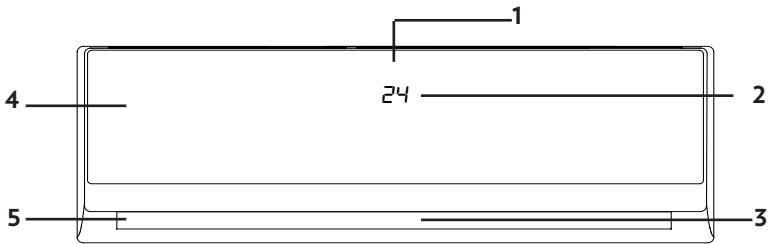
**General View**  
**AC12FLOW / AC21FLOW**



**AC12CALWWF**

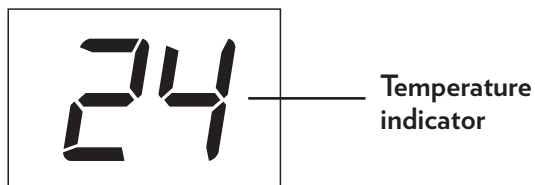


**AC12VENDWF**

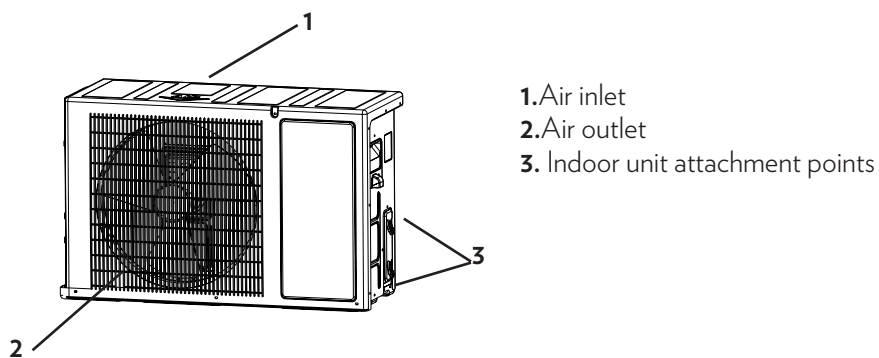


- 1. Air inlet
- 2. Display
- 3. Air outlet
- 4. Front casing
- 5. Horizontal fin

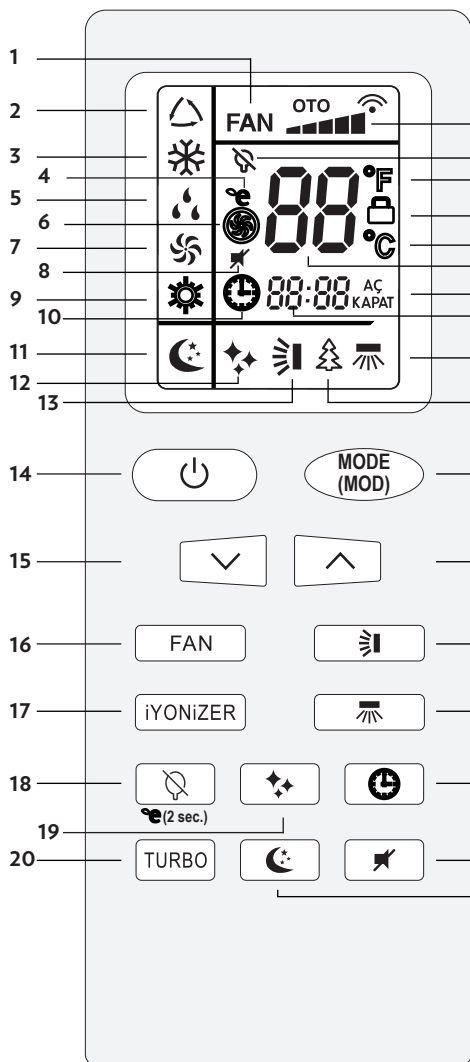
## Indoor Unit Display



## Outdoor Unit



# Remote Control

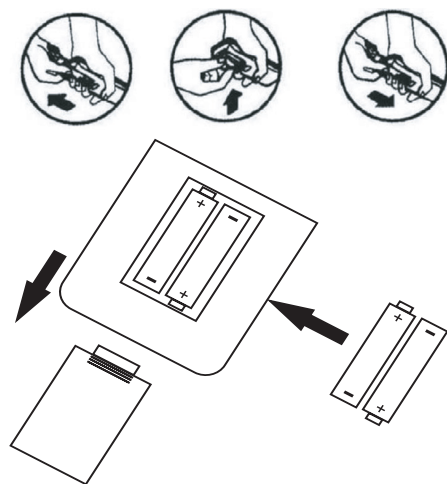


1. Fan mode indicator
2. Automatic mode indicator
3. Cooling mode indicator
4. Eco mode indicator
5. Dehumidification mode indicator
6. Turbo mod indicator
7. Fan mode indicator
8. Signal (Beep) sound indicator
9. Heating indicator
10. On/Off indicator
11. Sleep mode indicator
12. Self-cleaning indicator
13. Vertical oscillation indicator
14. On/off button
15. Increase temperature button
16. Fan speed adjustment button
17. Ionizer button (\*)
18. Indoor Unit Display Light / Eco mode button
19. Self-cleaning button
20. Turbo mode button
21. Fan speed indicator
22. Indoor Unit Display Light Indicator
23. Fahrenheit/Centigrade indicator
24. Child lock indicator
25. Temperature indicator
26. On/Off indicator
27. Remaining time to on/off indicator
28. Horizontal oscillation indicator(\*)
29. Ionizer indicator (\*)
30. Mode selection button
31. Decrease temperature button
32. Vertical oscillation button
33. Horizontal oscillation button (\*)
34. On/Off setting button
35. Signal sound on/off button
36. Sleep mode button

**WARNING:** functions with (\*) sign may not be present on the product you purchased.

## Installing and Replacing Remote Control Batteries

If there is a communication error with your air conditioner or if symbols do not appear on the display when you press the buttons on the remote control, you may need to replace the batteries. Use two AAA type, 1.5 V alkaline batteries, do not use rechargeable batteries. Open the battery compartment lid by sliding it in the direction of the arrow. Place the two AAA 1.5 battery in their slots while paying attention to match the (+) and (-) polarity markings correctly, then close again the lid. (+) and (-) polarity markings of the batteries are shown in the battery compartment of the remote control.



## Points to Take into Consideration While Using the Remote Control

In order to use your air conditioner effectively and efficiently by means of your remote, keep the following points in mind:

- Point the remote control towards the signal receiver on the air conditioner.

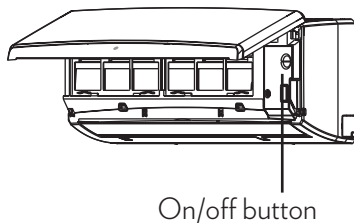
The remote should at most be 6 meters away from the air conditioner.

- There should not be any obstacle between the remote and the receiver.
- Do not drop or throw the remote control.
- If you do not hear a signal (beeping) sound when you press the remote buttons, the signal is not received. In order to make your air conditioner communicate better with the remote control, position yourself in a closer and straighter way. Make sure to not to turn the signal sound off. See (Signal sound cancellation)
- Do not put the remote under sunlight or next to any heat source.

## Operating Your Air Conditioner without Remote Control

If your remote gets lost or become unusable, you can operate your air conditioner directly from the indoor unit.

Push the front casing of the indoor unit from right and left-hand sides and lift up. Turn on the air conditioner by pressing the button on the right-hand side. When you press the button, the operation display lights up and the air conditioner starts running in the most appropriate mode for room temperature. To turn off the air conditioner press the on/off button again. When you turn it on with the on/off button, the air conditioner starts to operate in the automatic mode.




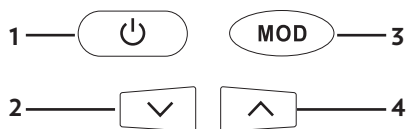


## Operating


All functions necessary to use your air conditioner easily and effectively are present on your remote. All functions are operated via the buttons on your remote and the changes made can be observed from the remote display screen.

## Getting Started and Rapid Use



First of all, turn on the fuse of your air conditioner if it is off. After your air conditioner is installed and operationalized by the authorised service, you can turn it on by pushing the  on/off button on the remote. The most used functions such as cooling-heating, changing temperature are placed right below the displays for rapid and easy access. You may turn on and off your air conditioner from these buttons, give it commands by changing its mode of operation or by increasing or decreasing the temperature.



1. On/off button
2. Temperature decrease
3. Mode selection button
4. Temperature increase

You can turn on or off your air conditioner by pressing . Press **MOD** (mode) button to select the desired mode for your air conditioner. Every time you press the mode button, the next mode on the menu will be listed. When the desired mode is displayed, release the mode button. The

last displayed mode will be selected and the air conditioner will start to operate with the selected mode.

After selecting the mode, you can press  (temperature decrease) and  (temperature increase) buttons to select the desired temperature.

## Operating Temperature Intervals

Operating temperature intervals in which you can use your air conditioner;

### Outdoor (Outdoor unit)

Cooling	Heating
+10 / +46 °C	-10 / +24 °C

### Indoor (Indoor Unit)

Cooling	Heating
+20 / +28 °C	+20 / +28 °C

- If the outdoor temperature is high, your air conditioner may not operate in full capacity in cooling mode.
- If the outdoor temperature is low, your air conditioner may not operate in full capacity on heating mode.
- If the indoor environment is sticky, the internal air outlet may humidify.
- If the air conditioner is operated in high humidity rates for a long time, the water may condense and drop on the surface of indoor unit.

# Functions of Your Air Conditioner


**WARNING:** Functions of your air conditioner vary according to the properties of the appliance. That is why, the (\*) marked functions explained in the following pages, do not operate if they are not found in your product.

For effective and efficient use, your air conditioner has functions which can be comfortably controlled from the remote. You can have a more pleasant living space with these functions.

The function to be explained in detail in the following pages;

## **Cooling Function**

In cooling mode, you may adjust the environment temperature between 20–28°C according to your comfort need.

 **Indoor Unit Display Light Function**  
You can turn the indoor unit backlight on and off.

## **Heating Function**

In heating mode, you may adjust the environment temperature between 20–28°C according to your comfort need.

## **ECO Function**

This function decrease the energy consumption in the cooling and heating modes the temperature values that are adjustable with the remote control, are limited by the most appropriate interval for the comfortable environment conditions.

## **Automatic Mode**

By this function, your air conditioner determines its operating mode according to the environment conditions. Depending on the temperature, it performs dehumidification, cooling or heating.

## **Horizontal Fin Direction Function**

You can adjust the direction of the air blown out by the indoor unit of your air conditioner vertically by pressing the horizontal fin button.

## **Fan Function**

Circulates the air in the room without changing the room temperature.

## **Dehumidification Function**

Without over cooling, it decreases the level of humidity and keeps the environment temperature in the 18-30 degrees interval.

## **Turbo Function**

You can achieve the most rapid cooling or heating performance possible for 30 minutes by the turbo function.

## **Sleep Mode Function**

This function prevents the over heating or cooling of the room during sleep. Your air conditioner operates with the most appropriate comfort for your sleep with a minimum sound volume.

## **Vertical Fin Direction**

You can direct the air circulation in the environment vertically by adjusting the position of the vertical fin as you like.

## Automatic On/Off Function

You can program your air conditioner to be turned on or off at the time you set in advance.

## Self-Cleaning Function

Starting from the moment that your air conditioner is turned off, it prevents the humidity related undesired malodorous by making the indoor unit heat exchanger dry.

## Ionizer Function (\*)

Researches show that the air with more anion make us feel more lively and energetic. Ioniser produces anions and diffuse them to the environment air for this purpose.

## Signal (Beep) Sound Cancellation Function

By this button, you can turn on and off the signal (beeping) sound coming from your air conditioner when you press the remote control buttons.

## Child Lock Function

This function allows you to prevent your children from switching the air conditioner on/off or selecting inappropriate modes.


## °F / °C Temperature Unit Selection Function

You can set the unit of the temperature indicator on the remote control to Fahrenheit (F°) or Centigrade Celsius (C°).

## Wifi Function (\*)

With this function, you can connect your air conditioner to the local network in its area and control the ambient air with its special application, and manage other functions of your air conditioner.






## Mode Function


To turn your air conditioner on, press . With **MOD** button, you can switch between cooling, heating, fan, dehumidification and automatic modes in a fast way. Every time you press **MOD** your air conditioner will switch to the next mode.

## WiFi Function (\*)

WiFi function allows you to connect your air conditioner to the local network where it is installed and communicate with the devices on that local network. Thanks to the VESTEL EVIN AKLI application which you can install to your other devices such as mobile phones, tablets and etc, you can use the functions of your air conditioner from inside or outside the room without requiring a remote controller.

To activate the WiFi Function:

- Press Cool () button.
- Press  button for 3 times consecutively.
- After hearing the signal sound press  button and then  button to complete the configuration.
- Finally, press  button for 3 times consecutively.







 will appear on the display of your air conditioner when Wi-Fi function is activated.

After WiFi function is activated, you can use certain functions of your air conditioner by using the special application as described below.

You can access the IOS and Android compatible application easily through Internet.

## Cooling Function



If you want your air conditioner to cool the environment down,



- To turn your air conditioner on, press the  button.
- Your air conditioner will start running again in the mode you selected last.
- Press **MOD** until  symbol at the display screen of your remote is activated.
- After selecting the cooling mode, with  and  buttons, you may adjust the environment temperature between 18–30° according to your comfort need.
- Every time you press the buttons, temperature increases or decreases 1°C. The lowest temperature at the cooling mode is 20°C.
- In the cooling mode, you can adjust the fan speed with the **FAN** button, and the direction of vertical and horizontal air flow with the  and  buttons.



You may change the mode at any time you want.

## Heating Function

If you want your air conditioner to heat the environment up,





- To turn your air conditioner on, press the  button.
- Your air conditioner will start running again in the mode you selected last.
- Press **MOD** until  symbol at the display screen of your remote is activated.
- After selecting the heating mode, with


 and  buttons, you may adjust the environment temperature between 16–30° according to your comfort need.

- Every time you press the buttons, temperature increases or decreases 1°C. The highest temperature at the heating mode is 28°C.
- In the heating mode, you can adjust the fan speed with the **FAN** button, and the direction of vertical and horizontal air flow with the  and  buttons.

You may change the mode at any time you want.

## ECO (Energy Saving) Function

You can activate this function by pressing  ( (2 sec.)) for two seconds. When the ECO function is enabled the energy consumption decreases up to 30% in the cooling and heating modes depending on the model. When the ECO function is enabled, the temperature adjustment interval of your remote control will be automatically between 23-28 °C in the cooling mode. There will be no temperature adjustment lower than 23 °C for the cooling mode and higher than 24 °C for the heating mode. When you press the  button, the  icon will be displayed on the remote control display.

- After the ECO mode is enabled, if any mode switch is made, the ECO function will be disabled. It should be adjusted again when necessary.
- The ECO function can be set for the cooling and heating modes. To cancel the function, press  again.
- You may operate the sleep function when the ECO function is enabled.

In this case, due to the ECO function, there will be some limitations in the adjustable temperature interval.


- When both the sleep mode and the ECO function are active, you may cancel the Sleep mode or the ECO function any time you wish.

**WARNING:** When the ECO function is active, the air conditioner's capacity may fall.

## Indoor Unit Display Light Function


If you want, you can turn off the light of the indoor unit with the V button. When you turn on the air conditioner again, the screen light will be on. When you press any button on the remote control, the screen turns on automatically and turns off shortly.

## Horizontal Fin Function

You can adjust the direction of the air blown out by the indoor unit of your air conditioner vertically by pressing the  button. Every time you press the button, the position of the fin changes. The horizontal fin may be adjusted in 5 different positions. If you continue to press the button, horizontal fins start to move up and down automatically. If you press the button one more time, the movement will stop.

**WARNING:** Never interfere the horizontal fins by hand.

## Automatic Mode

For the automatic mode, press **MOD** until you see the  icon on the remote control display. Your air conditioner will determine its operating mode automatically according to the environment temperature. De-


pending on the temperature, it performs dehumidification, cooling or heating. In this mode, the air conditioner operates with the target of  $24 \pm 2^{\circ}\text{C}$  adjustment interval. The highest and lowest temperature values that determine the operating mode of the automatic mode, are  $20^{\circ}\text{C}$  and  $27^{\circ}\text{C}$ .



- If the environment temperature is below  $20^{\circ}\text{C}$  conditioner starts heating.
- If the environment temperature is between  $20^{\circ}\text{C}$  and  $27^{\circ}\text{C}$ , the air conditioner starts dehumidification.
- If the environment temperature is above  $27^{\circ}\text{C}$ , the air conditioner starts cooling.
- During cooling or heating, the fan operates automatically. At the same time, the turbo mod can also be operated but the fan speed cannot be changed.
- When the automatic mode is enabled, the  $24^{\circ}\text{C}$  temperature value is shown on the indoor unit display.
- In this mode, you may increase or decrease the target temperature value for cooling or heating by  $2^{\circ}\text{C}$ . You can use  $\nabla$  and  $\wedge$  to change the temperature value.

**WARNING:** When you turn the air conditioner on with the on/off button on the indoor unit, the air conditioner starts to operate in the automatic mode.

## Fan Function

When the air conditioner is in the fan mode, it circulates the air in the room without changing the room temperature.







1. Turn your air conditioner on with  button.

2. Press the  button until you see the **MOD** icon on the display.
3. You may choose the desired fan speed by pressing the  button.
4. You can select the desired temperature value as well as horizontal and vertical fin positions.


**WARNING:** When the fan function is active, your air conditioner’s compressor does not operate.



**Indoor Unit Fan Speed Adjustment**  
 You may adjust the air flow speed by pressing the fan button on the remote control. There are 6 different speed level for the fan speed.

Adjustable speed levels:

<b>FAN</b> 	Automatic Speed
	Very low
	Low
	Medium
	Medium - High
	High


**WARNING:** In the fan mode, the auto-matic fan speed cannot be chosen.

**Dehumidification Function**  
 For the dehumidification mode, press **MOD** until you see  on the remote control display. In order to increase the air quality, you may make the high level of humidity away from the environment without significantly

decreasing the temperature. After selecting the dehumidification function, with  and  buttons, you may adjust the environment temperature between 18–30°C according to your comfort need.

- During the dehumidification operation;
- Fan operates in automatic mode and the speed cannot be altered.
  - When the dehumidification function is active, the Turbo function does not operate.
  - Positions of horizontal and vertical fins can be changed.

**Turbo Function**  
 You can use the turbo mode with **TURBO** in order to achieve the temperature you like from your air conditioner in the shortest time possible. Your air conditioner will return to the last selected mode after it runs at the highest speed for 30 minutes. In order to stop the turbo mode before the time is run out, press **TURBO** again.

**Sleep Mode**  
 When the sleep mode is enabled with  button, your air conditioner operates with the most appropriate comfort for your sleep with a minimum sound volume. This function prevents the over heating or cooling of the room during sleep. In the sleep mode, the indoor and outdoor unite volume is decreased. While the indoor user’s comfort is ensured, it also prevents any inconvenience made to neighbours resulting from the noise.

- When you select the sleep mode, if you are currently running in the cooling mode, your air conditioner will increase the temperature 1°C by the


end of the first hour and 1°C more by the end of the second hour. Sleep mode will end after the air conditioner runs 6 more hours at this temperature.

- When you select the sleep mode, if you are currently running in the heating mode, your air conditioner will decrease the temperature 1°C by the end of the first hour and 2°C more by the end of the second hour. Sleep mode will end after the air conditioner runs 6 more hours at this temperature.
- When the sleep mode is completed, the air conditioner will turn off completely.
- After selecting the sleep mode, the display signal of the air condition will turn off in approximately 3 minutes.
- You can operate the sleep mode and the automatic closing mode together. After switching your air conditioner to the sleep mode, you can make the automatic closing adjustment.
- After selecting the sleep mode, you can enable the ECO function. In this case, due to the ECO function, there will be some limitations in the adjustable temperature interval.
- When both the sleep mode and the ECO function are active, you may cancel the Sleep mode or the ECO function any time you wish.

**WARNING:** When the Sleep mode is active, the air conditioner's capacity may fall.

## Vertical Fin Function

you can adjust the direction of the air blown out by the indoor unit of your air conditioner horizontally by pressing the

 button. Every time you press the button, the position of the fin changes. The vertical fins may be adjusted in 5 different positions. If you continue to press the button, the vertical fins start to move to the left and right automatically. If you press the button one more time, the movement will stop.





**WARNING:** Never interfere the vertical fins by hand.

## Auto power on/off function

You can set your conditioner so that it will turn on or off at the end of the duration you determine while it is on or off.

You can enable either auto on or auto off at a time. You can set the time for the air conditioner to turn off if it is on, or to turn on if it is off. The durations you can set will be 30-minute periods between 30 minutes and 24 hours. Such as 00.30 min., 01.00 h, 24.00.

### For auto on:

- To set the auto on time, press  when the air conditioner is off.  will appear on the display of the remote control.
- Each time you press , the time that will start from 00.30 will increase at 30-minute increments. If you press and hold , the values will increase swiftly and when you reach 24.00, it will return to 00.30.
- When the desired time value appears on the display of the remote control, release the button. The settings will be saved in 3 seconds. The set time will appear on the display of the remote control as follows.



- When the countdown for the set time starts, the remaining time for auto-on will appear as a countdown on the display of the remote control.



- You can press once again to determine the switch-on time again.
- You can press for 2 seconds to cancel the countdown for switch-on.

#### For auto off:

- To set the auto off time, press when the air conditioner and remote control are off. will appear on the display of the remote control.
- Each time you press , the time that will start from 00:30 will increase at 30-minute increments. If you press and hold , the values will increase swiftly and when you reach 24:00, it will return to 00:30.
- When the desired time value appears on the display of the remote control, release the button. The settings will be saved in 3 seconds. The set time will appear on the display of the remote control as follows.



- When the countdown for the set time starts, the remaining time for auto-off will appear as a countdown on the display of the remote control.



- You can press once again to determine the switch-on time again.
- You can press for 2 seconds to cancel the countdown for switch-off.

## Indoor Unit Exchanger Dryer and Clean Up Function

button allows your air conditioner to clean up the exchanger and dry the water accumulated on the indoor unit exchanger due to condensation of air when you turn off your air conditioner in cooling and dehumidification modes. This function starts as you turn off your air conditioner and the fan works for 15 minutes. The drying function does not run in the heating mode.

**WARNING:** When the function is active, do not try to turn the fin on the air outlet, it will be turned off automatically.

## Ionizer Function


You can enable the ioniser function with iYONIZER. Researches show that the air with more anion make us feel more lively and energetic. Ioniser produces anions and diffuse them to the environment air for this purpose. To disable the function, press iYONIZER again.

The negative ion emission may cause dust like particles to accumulate on the indoor unit of your air conditioner. Hence, make sure to clean your air conditioner periodically (once a week) with a wet and soapy wipe.






**WARNING:** During the deleting operation, certainly cut the power from the fuse.



## Signal Sound Cancellation Function



When you press the buttons on the remote control with the  button, you can silence the beep sound that indicates that the command given has been received by the air conditioner. Press and hold the button for 2 seconds to turn off the sound, and if you would like to hear it again, press and hold it for another 2 seconds.

## Child Lock

You can prevent your children from switching the air conditioner on/off or selecting inappropriate modes. To enable this function, press  and  on the remote control simultaneously. Release the buttons when  starts to flash on the display of the remote control. When the symbol stops flashing, the lock symbol will appear on the display and all buttons will be nonfunctional. If you press a button when the child lock is enabled, the lock symbol will start to flash, warning you to cancel the lock. To cancel the lock, press  and  simultaneously again and release the buttons when the lock symbol starts to flash. The lock symbol will disappear and all buttons will be functional again.

## Temperature Unit Selection Function

If you want to set the ambient temperature unit, which is represented with digital figures on the display of your air conditioner, to Fahrenheit (F°) instead of Centigrade Celsius (C°), move to a location where the air conditioner and the remote control cannot communicate with each other, or turn your back to the air conditioner. Press

 to turn off the remote control and press  and **MOD** simultaneously. Each time you press the buttons, the temperature unit will change and it will be represented with C° or F° on the display. Repeat the same steps every time you want to change the unit when using your air conditioner.

## Practical and Useful Information

Do not cool down your room excessively. This not only expend excess energy, but it is also bad for your health.

- Avoid direct sunlight inside while your air conditioner is running. If there is a sunblind or curtain, keep them shut.
- Adjusting the direction of vertical and horizontal fins, ensure temperature and air flow to distribute evenly in the room.
- At large places usually with open doors such as cafeterias, patisseries, restaurants etc., using air curtains will reduce energy consumption, allow you to use your air conditioner more efficiently and to achieve the desired temperature much more rapidly.
- Clean the filters regularly. Dirty filters will gradually decrease the efficiency of heating, cooling, air flow and dehumidification functions and increase energy consumption.
- In order to maintain cool air in the room, keep the doors and windows shut as long as possible. If you will not use your air conditioner for a long time, run it in the fan mode for 2-3 hours. This will remove the moisture in your air conditioner. Then

shut down your air conditioner from the fuse and remove the batteries in the remote control.

- The outdoor unit of the air conditioner absorbs and conducts the exterior heat inside. If the exterior temperature falls, your air conditioner will start heating less. In that case, if the temperature achieved by your air conditioner is not enough, use a supplementary heater.
- Your air conditioner circulates hot air to heat up your room. Therefore, it takes time for your air conditioner to heat up the entire room. If possible, program the air conditioner to start running shortly before you use the room.
- While the air conditioner operates in the heating mode, if the outdoor environment temperature is low and the humidity rate is high, it may lead to an icing on the outdoor unit, resulting from the decrease in the heating efficiency. In that case, the air conditioner will stop operating and the defrosting operation will be enabled automatically. This is not a fault. Defrosting operation will be completed in 5 to 9 minutes depending on the outdoor environment and outdoor unit exchanger temperatures and then, your air conditioner will restart automatically to operate in the heating mode. The defrosting operation continues even if the air conditioner is turned off, and the air conditioner turns off after the operation is done. While the defrosting operation continues, it is shown by the **DF** icon on the display of your air conditioner.
- If you selected the heating mode

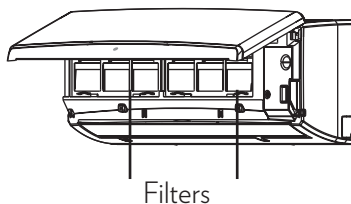
when both interior and exterior temperatures are high, outdoor unit may stop working occasionally. This is completely normal. Do nothing and wait for your air conditioner to start running again.

- If excess voltage drops or increases occur while your air conditioner is running, the air conditioner will stop automatically and start running again as the voltage returns to normal level.
- Your air conditioner always starts to operate with the latest mode and temperature settings.
- If you will not use for a long time, you may cover the outdoor unit of your air conditioner to protect from weather conditions.

## Cleaning and Maintenance

**CAUTION:** Depending on frequency of use and ambient conditions, full maintenance of indoor and outdoor units must be done by authorised services at least once a year.

**WARNING:** Make sure to turn off your air conditioner and cut the incoming power from the fuse before starting to clean.



- In order to have your air conditioner operate efficiently and cleanly, you

should clean the filters at certain intervals depending on the frequency of use and ambient conditions. Dust filters should be cleaned roughly once a week, and other filters should be changed every 3 months.

- Filters may vary according to the model.
- Filters are available at authorised services as spare parts.
- Full maintenance and filters are not free of charge and the price should be paid by the user.

**WARNING:** You may clean the filters of your air conditioner without calling the authorised service.

- In order to clean the dust filters, remove the front cover by holding on its sides.
- Lift the dust filters up from their bottom edges and pull downwards.
- Vacuum the dust filters with a vacuum cleaner. If the filters are too dirty, wash them with warm water and mild detergent. Make sure to dry the filters before re-install them. Do not dry with fire or under direct sunlight. Do not wash the filters with water hotter than 40°C.
- After you clean up the filters, place the upper part of the filter and press from the bottom part until it snaps into its slot.
- Wipe the front panel with a damp cloth. Do not use inflammable chemicals such as gasoline, thinner etc absolutely.
- Annual maintenance to be done by the authorised service will allow you to use your air conditioner for a long

time and more efficiently.

**CAUTION:** Do not wash the filters except the dust filter.

**CAUTION:** Do operate your air conditioner without filter. If your filters are unusable, buy new ones from the authorised service.

## Suggestions for Operation

- High interior and exterior temperature; if both indoor and outdoor temperatures are high and your air conditioner is running at the heating mode, outdoor unit fan and the compressor may stop for a while. This is completely normal. Wait until your air conditioner starts running again.
- If excess voltage drops or increases occur while your air conditioner is running, the appliance will stop (you may see the voltage protection icon on the display by the code of HL) and start running again as the voltage returns to normal level.
- When the power is back after a power failure, your air conditioner will automatically start running again.

## Troubleshooting

When you notice an abnormal situation in your air conditioner, you may attempt to troubleshoot according to the following instructions. If your air conditioner still do not work properly, contact with the Call Centre or the nearest Authorised Service. You may access the authorised services list and contact information from the web site.

PROBLEM	REASON	SOLUTION
The air conditioner is not running.	Power cut.	Wait for the power to be back.
	On/off button is not turned on.	Turn on the air conditioner.
	The fuse is broken.	Have the fuse changed.
	Batteries of the remote have gone down.	Change the batteries.
	The time set to start running has not been reached.	Wait or cancel the setting.
	The remote control is not detecting.	Change the batteries.
	Light source is too close to the air conditioner.	Some light sources that are close to the air conditioner, may prevent its functioning creating a magnetic influence. Retry to use the remote control after disabling the light source. If the problem is solved, it would be useful to change the light source.
The air conditioner is blowing air, but cooling and heating performance is bad.	There is a mistake in temperature setting.	Set appropriate temperature. See application methods.
	Air filter is clogged with dust.	Clean up dust filters.
	Air inlet or outlet of the air conditioner is blocked.	Clean the materials that cause blocking.
	Door and windows are open.	Close the windows and the doors.

PROBLEM	REASON	SOLUTION
Air flow does not start immediately during heating.	The necessary temperature for heating has not been reached.	If air flow starts before the temperature rises, an undesired cooling effect will occur. In order to prevent this, air flow will start after necessary temperature is reached. This is not due to a malfunction of the air conditioner and it is not a failure.
The air conditioner is blowing air, but it does not cool.	Air inlet or outlet of the air conditioner is blocked.	Clean the materials that cause blocking and restart the air conditioner.
	Compressor protection (3 min).	Wait.
	There is a mistake in temperature setting.	Set appropriate temperature.
There is clicking sound coming from the air conditioner.	Temperature change.	Changes in temperature cause expansion and contraction of plastic materials. This is not due to a malfunction of the air conditioner and it is not a failure.

## Error and Protection Messages

In order to show the failures of your air conditioner or to protect it from the potential failures, customised error codes are shown on the front display of the air conditioner. Error codes are displayed, first blinking several times in a particular way for every code and then, remain stable for 35-40 seconds. Error codes continue to be displayed until the problem is fixed. Apply the following operations according to the displayed message.

### Error Messages

Error Messages are displayed, respectively by first the **ER** icon and then the special code (01, 02, ..., 20, etc.) of the failure. In that case, do nothing to the air conditioner and contact with the Authorised Service. **ER11** and **ER13** are not error messages. If you see these messages, apply the steps under the following protection messages section.

### Protection Messages

<b>dF</b>	The icing on the outdoor unit is being defrosted. After the defrosting operation is accomplished, your air conditioner will continue to operate in the heating mode, the product should not be turned off while this mode is enabled.
<b>RE</b>	Make the arc control for your electrical wiring, if the problem is not fixed call for the service. If the problem comes out very frequently, contact with the authorised service.
<b>Sr</b>	In case of certain failures, in order to not to spoil you comfort, your air conditioner continues to operate despite the failure. In that case, you don't need to turn your air conditioner off. It is needed to contact with the authorized service immediately
<b>HL</b>	There is a fluctuation in the electrical voltage, wait for its recovery.
<b>ER11 &amp; ER13</b>	The codes of ER-13 and ER-11, and the messages displayed on the indoor unit display, are protection messages in the aim of preventing the product from some harmful consequences resulting from an excessive current coming from the compressor. The product turns off right after it enters into these protections. In the case that it is re-operated by the remote control, cooling and heating functions restart.

# Product Information Sheet **AC12CALWWF/AC12VENDWF/AC12FLOW**

<b>Function</b>			
Cooling		Y	
Heating		Y	
<b>Heating season</b>			
Average		Y	
Hotter		N	
Colder		N	
<b>Capacity control</b>			
Constant		N	
Incremental		N	
Variable		Y	
			<b>unit</b>
<b>Cooling Mode</b>			
Design Load (Pdesignc)	3,4		kW
SEER (Seasonal energy efficiency rate)	6,6		-
Energy Efficiency Class	A++		-
Yearly Power Consumption	180		kWh/year
<b>Heating mode: Average climate (Tdesignh = -10°C)</b>			
Design Load (Pdesignh)	2,3		kW
SCOP (Seasonal energy efficiency rate)	4,0		-
Energy Efficiency Class	A+		-
Additional heating power (at -10°C outdoor temperature)	0,3		kW
Declared capacity (at -10°C outdoor temperature)	2,0		
Yearly Power Consumption	805		kWh/year
<b>Other details</b>			
Noise level (indoor unit/outdoor unit)	L <sub>WA</sub>	52/63	dB(A)
Refrigerant		R32	-
Global warming potential	GWP	675	kgCO <sub>2</sub> eq.
Compliant standard		EN14511:2014	
Calculation methods - Measurement standards		EN 14825	
<p>* Leakage of refrigerant causes climate change. When refrigerants with low GWP are released to the atmosphere, they lead to lower level of global warming while the leakage of refrigerants with high GWP are released to the atmosphere, they lead to higher global warming. This appliance uses R410A refrigerant with a global warming potential (GWP) of 2088. This indicates that 1 kg of R410A gas released to the atmosphere has 2088 times more contribution to global warming in a period of 100 years with respect to 1 kg of carbon dioxide. Do not interfere to the cooling circuit of your device by no means and call our authorised services.</p> <p>* Yearly power consumption is specified according to standard test conditions. Actual consumption depends on the usage and the place of use of the appliance.</p>			

## Product Information Sheet **AC21FLOW**

<b>Function</b>			
Cooling		Y	
Heating		Y	
<b>Heating season</b>			
Average		Y	
Hotter		N	
Colder		N	
<b>Capacity control</b>			
Constant		N	
Incremental		N	
Variable		Y	
			<b>unit</b>
<b>Cooling Mode</b>			
Design Load (Pdesignc)	6,2		kW
SEER (Seasonal energy efficiency rate)	6,1		-
Energy Efficiency Class	A++		-
Yearly Power Consumption	356		kWh/year
<b>Heating mode: Average climate (Tdesignh = -10°C)</b>			
Design Load (Pdesignh)	4,5		kW
SCOP (Seasonal energy efficiency rate)	4,0		-
Energy Efficiency Class	A+		-
Additional heating power (at -10°C outdoor temperature)	0,3		kW
Declared capacity (at -10°C outdoor temperature)	4,2		
Yearly Power Consumption	1575		kWh/year
<b>Other details</b>			
Noise level (indoor unit/outdoor unit)	L <sub>WA</sub>	59/67	dB(A)
Refrigerant		R32	-
Global warming potential	GWP	675	kgCO <sub>2</sub> eq.
Compliant standard		EN14511:2014	
Calculation methods - Measurement standards		EN 14825	
<p>* Leakage of refrigerant causes climate change. When refrigerants with low GWP are released to the atmosphere, they lead to lower level of global warming while the leakage of refrigerants with high GWP are released to the atmosphere, they lead to higher global warming. This appliance uses R410A refrigerant with a global warming potential (GWP) of 2088. This indicates that 1 kg of R410A gas released to the atmosphere has 2088 times more contribution to global warming in a period of 100 years with respect to 1 kg of carbon dioxide. Do not interfere to the cooling circuit of your device by no means and call our authorised services.</p> <p>* Yearly power consumption is specified according to standard test conditions. Actual consumption depends on the usage and the place of use of the appliance.</p>			



## Disposal of the Appliance in an Environment Friendly Manner



This marking either on the product or the information label indicates that this air conditioner should not be disposed with other household wastes at the end of its life. In order to prevent the possible damages of the unsupervised waste disposal on the environment and human health, please separate this air conditioner from other wastes and ensure its recycling duly so as to support sustainable reuse of material resources. For information about where and how this air conditioner can be recycled in an environmentally friendly manner, please contact the dealer you purchased the product from and relevant local organizations. This product should not be mixed with other commercial wastes for recycling



**Pb** If you want to dispose of the battery, please use appropriate waste collection systems or facilities for recycling. By this means, you will contribute to prevent potential harms to the environment and human health.

**CAUTION:** In case the battery contains lead, there is a "Pb" (plumb) mark under the "wheeled container figure" for batteries.

## Package Information

Do not disassemble the air conditioner by yourself. Disassembling the system and operations on the refrigerant, oil or other components shall be performed by the Authorised Service in accordance with the local legislation.

The package of the appliance is made of recyclable materials. Do not dispose of the packaging waste with domestic or other waste; dispose of this waste at places designated for packaging waste disposal by the local authority.

## Recommendations on Energy Saving

In order to use your air conditioner comfortably and more efficiently, you may do the following:

- Make sure that the capacity of your air conditioner is appropriate for the space where you want to use it. An air conditioner with cooling capacity smaller than what is required by the space will have to activate the compressor as it cannot cool efficiently, which will lead to increased energy consumption.
- On the other hand, an air conditioner with cooling capacity larger than the requirement of the space will cool the environment very rapidly and turns the compressor on and off frequently. In that case, energy consumption of your air conditioner will increase. The place in which your air conditioner is installed will cool down excessively and leads to discomfort. Furthermore, since high-

er capacity air conditioners have a higher noise level, the loud noise in the small space will also lead to discomfort.

- Heat insulation of the place in which you use the air conditioner will increase your comfort and reduce energy consumption. Therefore, it is important to isolate the heat exchange points of the room well.
- While your air conditioner is running in cooling mode, having the blinds, curtains or shutters closed during sunny hours will reduce the energy consumption of your air conditioner.
- Provided that they do not prevent air flow on the outdoor unit, using shades, tarpaulin etc. will prevent your energy consumption to increase.
- It is important to conform with the location rules of indoor and outdoor units during the installation of your air conditioner. Especially, there should not be any obstacle in front of air inlets and outlets of indoor and outdoor units to prevent air flow.
- Setting your air conditioner to lower temperatures than you require in the cooling mode will increase energy consumption and reduce comfort. You can use your air conditioner at higher temperature settings rather than using it at the lowest temperature setting all the time.
- Clean up the dust filters of your air conditioner at regular intervals. Since blockage of filters will prevent air flow, it will withhold you have the performance you expect from the air conditioner. This will increase energy consumption as it will overburden

your air conditioner.

- You may reduce energy consumption by using the programming features of your air conditioner. You may ensure your air conditioner to turn off while you are not using the room and turn on while you are using the room.
- Cleaning of heat exchange elements of the indoor and outdoor units is crucial. When heat exchange elements are dirty or clogged, your air conditioner will have to operate more to ensure cooling, which will lead to greater energy consumption in turn. Therefore, we recommend you to have your air conditioner serviced at least once a year.
- Annual maintenance is not under warranty coverage.
- We recommend you to adjust air routing fins in a way that the air flow does not disturb anyone in the room.
- Operation settings of your air conditioner should not be altered unless it is indeed necessary.
- While using your air conditioner, it is much more appropriate for energy saving to set it between 24-28°C for cooling and 25-28°C for heating. They should not be altered unless it is indeed necessary.

## IMPORTANT:

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they are under supervision have been instructed how to use the appliance by a person responsible for their safety! The children have to observe and watched not to play with the appliance!

### Correct Disposal of this product



This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use there turn and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.



The product meets the requirements of the applicable EC directives.



# FINLUX