

# **zibro®**

## **S1523 - S1526 - S1534**



guarantee

# **2**

**YEARS**

## **S1550 - S1564**



guarantee

# **2**

**YEARS**

**GB**

**OPERATING MANUAL**

**2**

**TR**

**KULLANIM KILAVUZU**

**20**

Dear Sir, Madam,

Congratulations on the purchase of your Zibro airconditioner. You have acquired a high quality product that, if used responsibly, will give you many years of pleasure. Please read these instructions for use first in order to ensure the maximum life span of your airconditioner.

On behalf of the manufacturer, we provide a 24-month guarantee on all material and production defects. Please enjoy your airconditioner.

Yours sincerely,

PVG International b.v.

Customer service department

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## A SAFETY INSTRUCTIONS

Install the device only when it complies with local regulations, by-laws and standards. The unit is only suitable for use in dry locations, indoors. Check the mains voltage and frequency. This unit is only suitable for earthed sockets, connection voltage 220 - 240 V. / 50 Hz.



### IMPORTANT

- The device **MUST** always have an earthed connection. If the power supply is not earthed, you may not connect the unit. The plug must always be easily accessible when the unit is connected. Read these instructions carefully and follow the instructions.
- The airconditioner contains a refrigerant and can be classified as pressurized equipment. Therefore always contact an authorized installation specialist for installation and maintenance of the airconditioner. It is to be advised that the airconditioner is inspected and serviced on an annual base by an authorized airconditioning engineer.

Before connecting the unit, check the following:

- The voltage supply must correspond with the mains voltage stated on the rating label.
- The socket and power supply must be suitable for the current stated on the rating label.
- The plug on the cable of the device must fit into the wall socket.
- The device must be placed and mounted on a stable surface.

The electricity supply to the device must be checked by a recognised professional if you have any doubts regarding the compatibility.

- This device is manufactured according to CE safety standards. Nevertheless, you must take care, as with any other electrical device.
- Do not cover the air inlet and outlet grill.
- Never allow the device to come into contact with chemicals.
- Never spray the unit with or submerge in water
- Do not insert hands, fingers or objects into the openings of the unit.
- Never use an extension cable to connect the device to the electric power supply. If there is no suitable, earthed wall socket available, have one installed by a recognised electrician.
- For safety reasons take care when children are in the surrounding of the device, as with any other electrical device.
- Have any repairs and/or maintenance only carried out by a recognised service engineer or your recognised Zibro supplier. Follow the instructions for use and maintenance as indicated in the user manual of this device.
- Always remove the plug of the unit from the wall socket when it is not in use.
- A damaged power cord or plug must always be replaced by a recognised electrician or your supplier.
- Do not operate or stop the airconditioner by inserting or pulling out the power plug. Only use the dedicated buttons on the airconditioner or on the remote control.
- Do not open the airconditioner when it is in operation. Always pull out the electrical plug when opening the device.
- Always pull out the electrical plug when cleaning or servicing the airconditioner.
- Do not place gas burners, ovens and/or stoves in the airstream.
- Do not operate the buttons or touch the airconditioner with wet hands.
- Note that the outdoor unit produces sound when in use, this could interfere with local legislation, it is the responsibility of the user to check and to make sure the equipment is in full compliance with local legislation.
- It is advised to stay out of the direct airstream.
- Never drink the drain water from the airconditioner.
- Do not use for the purpose of storage of food, art work or precise equipment or breeding cultivation.
- When abnormality such as burnt-smell found, immediately stop the operation button and contact sales shop.
- Check proper installation of the drainage securely.

Do not install in the following places:

- Heat or steam is generated in the vicinity.
- Under influence by the atmosphere containing in excess salt (in coastal area), sulphide gas (in spa), ammonia, steam of high temperature and vapor.
- Air flow from outlet is blocked, for example by snow.
- Where oil is dispersed or oil fumes hang over.

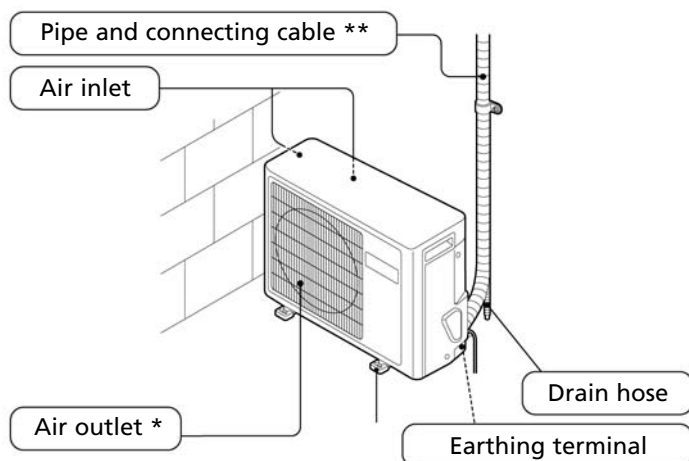


#### ATTENTION!

- Never use the device with a damaged power cord, plug, cabinet or control panel.
- Failing to follow the instructions may lead to nullification of the guarantee on this device.

## B PARTS AND FUNCTIONS

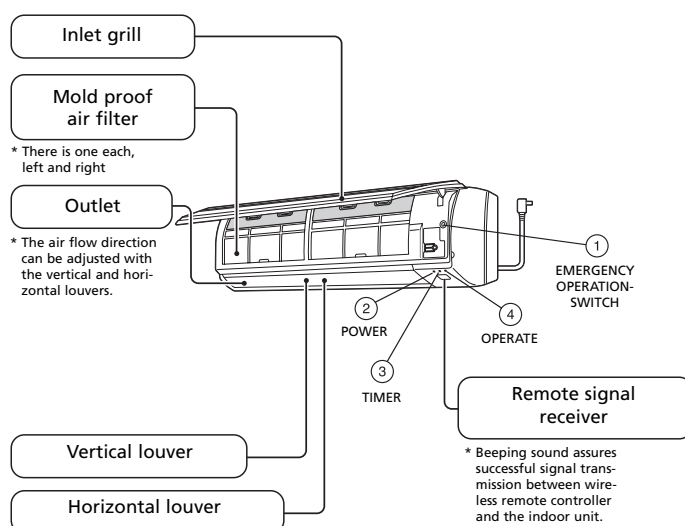
### Outdoor unit

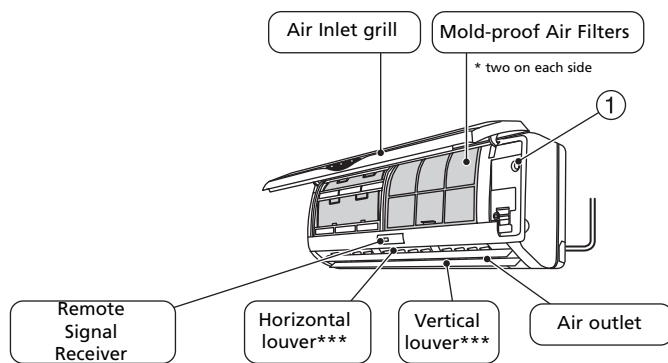


\* Warm air comes out when cooling, cool air comes out when heating.

\*\* Not included

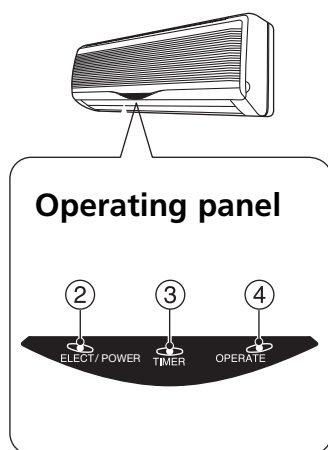
### Indoor unit





\*\*\* The air flow direction can be adjusted with the vertical and horizontal louvers.

- Beeping sound assures successful signal transmission between wireless remote and the indoor unit.



## Operating panel

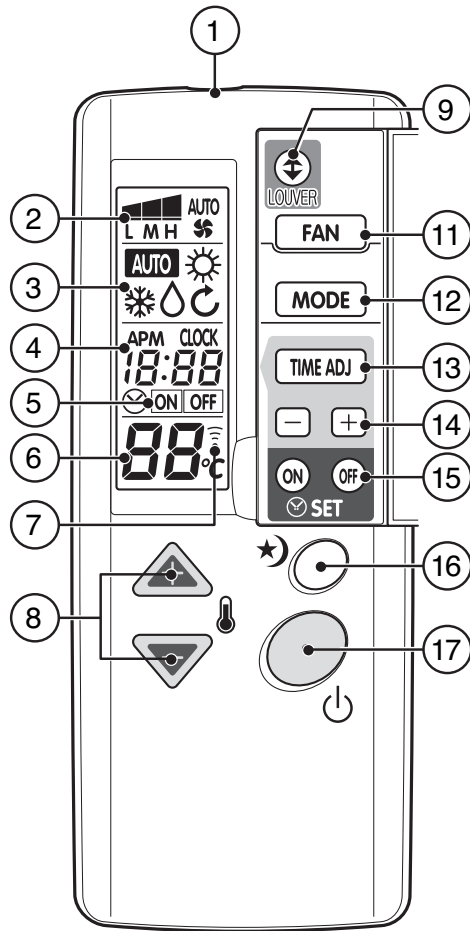
The test operation switch is used as an emergency operation switch.

1. **EMERGENCY OPERATION (MANUAL) SWITCH.** If the wireless remote controlling system is not available (when the wireless remote controller is lost or is out of battery), the air conditioning system is able to continue its operation temporarily.  
**TEST OPERATION (MANUAL) SWITCH.** Test operation is needed in special occasion when you need to test the "cooling operation" even with the room temperature below 16°C, therefore it is not for the normal operation at all.
2. **POWER/ELECT (POWER INDICATOR).** The power indicator lights when the operational ON/OFF of the remote controller is "ON".
3. **TIMER (TIMER MODE INDICATOR).** The timer mode indicator lights when timer switch of the remote controller is in "ON" or "OFF" position.
4. **OPERATE (OPERATING MODE INDICATOR).** The operating mode indicator lights when the air conditioner is being operated.

## Auto recovery function

If there is any power failure during operation, operation status before power failure is memorized. 3~4 minutes after power recovery, the unit restarts automatically with previous operation status memorized (3~4 minutes is protective time for compressor).

## Remote Control



The above example of indications is for the purpose of explanation only and is different from actual indications.

<b>① TRANSMITTER</b> Sends signals to the receiver of the indoor unit.	<b>⑪ FAN SPEED BUTTON</b> Use to adjust the fan speed. The indication of the fan speed varies among "L" (Low), "M" (Medium), "H" (High), and "AUTO" each time the button is pressed.
<b>② FAN SPEED INDICATION</b> Indicates the fan speed selected by the fan speed button. When set at "AUTO", the fan speed changes automatically according to the difference between the designated temperature and the room temperature.	<b>⑫ OPERATION MODE BUTTON</b> Use to change the operating mode. The indication of the operating mode varies among  (Automatic),  (Cooling),  (Dry),  (Circulating) and  (Heating) each time the button is pressed.
<b>③ OPERATION MODE INDICATION</b> Indicates the current operating mode	<b>⑬ TIME ADJ BUTTON</b> Press the "TIME ADJ" button to adjust the present time or the timer.
<b>④ TIME DISPLAY</b> Indicates the present time or the timer.	<b>⑭ +, - BUTTONS</b> Press these buttons to adjust the present time or the timer. Forward time Backward time Holding a button changes the time setting in 10-minute intervals.
<b>⑤ TIMER MODE INDICATOR</b> ON: The air conditioner starts operation at the designated time. OFF: The air conditioner stops operation at the designated time.	<b>⑮ TIMER FIXING BUTTONS</b> Press these buttons to turn the timer ON or OFF.
<b>⑥ TEMPERATURE INDICATION</b> Indicates the temperature set by the temperature setting buttons.	<b>⑯ SLEEP BUTTON</b> Press this button for the Sleep setting.
<b>⑦ TRANSMITTING INDICATION</b> Lights up when a signal is sent.	<b>⑰ ON/OFF BUTTON</b> Starts operation with a press; stops operation with the next press.
<b>⑧ TEMPERATURE SETTING BUTTONS</b> The setting temperature increases by 1°C (1.8°F) per press. The setting temperature decreases by 1°C (1.8°F) per press. Holding a button changes the temperature setting quickly.	
<b>⑨ LOUVER BUTTON</b> Air flow direction can be changed vertically (upward and downward) by each press.	

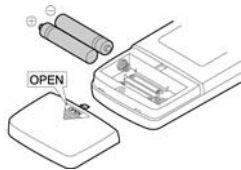


### NOTE

- 00:00 A.M. – 12:00 A.M. = 00:00 – 12:00
- 00:00 P.M. – 12:00 P.M. = 12:00 – 24:00

## C BEFORE OPERATION

### 1. Operating the Remote Controller



#### Install / Replace Batteries

Use two dry alkaline batteries (AAA/LR03).

Do not use rechargeable batteries.

1. Remove the battery cover on the back of the Remote Control by pulling it according to the arrow direction shown on the cover.
2. Insert new batteries making sure that the (+) and (-) of battery are installed correctly.
3. Reattach the cover by sliding it back into position.



#### NOTE!

- When replacing batteries, do not use old batteries or a different type battery. This may cause the remote controller to malfunction.
- If you do not use the remote controller for several weeks remove the batteries. Otherwise battery leakage may damage the remote controller.
- The average battery life under normal use is about 6 months.
- Replace the batteries when there is no answering beep from the indoor unit or if the Transmission Indicator light fails to appear.
- Never mix new and old batteries. Never use different battery types (e.g. alkaline and manganese dioxide) simultaneously.

#### Storage of the remote control and tips for use

The remote control can be placed in the wall-mounted holder. The wall-mounted holder is delivered together with the unit.

#### Using the remote control

Point the remote control at the receiver on the indoor unit of the air conditioner. The air conditioner can be operated in this manner up to a distance of approximately 7 meters.

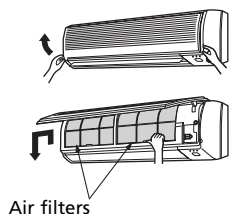
### 2. Attaching filters



#### COMMENT

- Never use the airconditioner without the air filter.
- Only use suitable Zibro filters. This will prevent damage to your airconditioner.
- Suitable filter packages are available at your dealer.

## How to attach the air clean filters

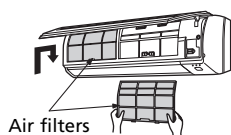


- a. Open the front panel by pulling upward
- b. Remove the outer air filters. Push up the center tab of each filter slightly until it is released from the stopper, and remove the filter downward.



### CAUTION

Do not touch the metallic parts to avoid injury, when attaching filters.

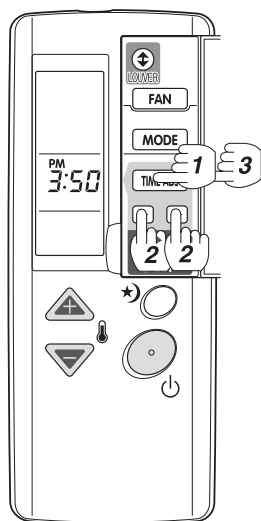


- c. Attach the air filters. Attach the air filters behind the stopper so that the "FRONT" indication is showing outward. Make sure that the filters are completely behind the stoppers. If the filters are not attached correctly, it may cause defects.
- d. Close the front panel by pushing downward.

## D INSTRUCTIONS FOR USE

### Present time setting

Example: Set to 3:50 p.m.



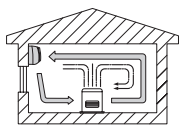
1. Press the "TIME ADJ" button once.
2. Adjust the time with "+", "-" buttons. Holding a button changes time setting in 10-minute intervals.
3. Press the "TIME ADJ" button 3 times. The present time appears on the display. The setting is complete.



### NOTE

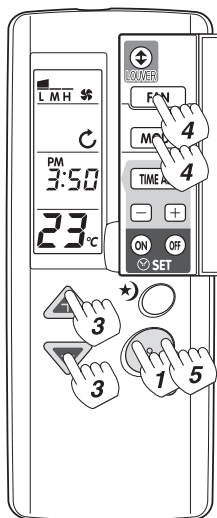
Even if the actual time is not programmed, you can use all operations except "Timer operation"


## Circulating Operation



### What is Circulating Operation?

When you use other heating equipment, warmed air accumulates in the upper space of the room. When the room temperature reaches the temperature set by the remote controller, the indoor unit starts air circulating operation automatically to equalize temperature differences between the upper and lower spaces of the room and consequently improves the heating efficiency.



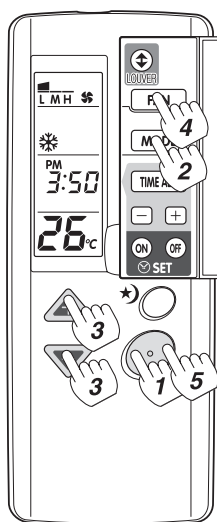
1. Press the ON/OFF button.
2. Set the operation mode, Circulating , by pressing the operation mode button.
3. Adjust the setting temperature by pressing the temperature setting buttons. Circulating Operation begins after the room temperature reaches the temperature set by the remote controller.
4. Adjust the fan speed by pressing the fan speed button. When the MODE is set at "AUTO", the fan speed changes automatically.
5. Press the ON/OFF button again. The system will retain the previous setting conditions until next operation.





### CAUTION

- Do not place heating equipment right under the indoor unit and the remote controller.
- Adjust air flow direction to avoid the direct air flow hitting to the heating equipment.
- Provide adequate ventilation.

## Cooling/dry operation



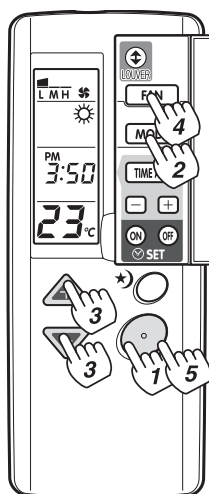
1. Press the ON/OFF button
2. Set the operation mode to Cooling  or Dry , by pressing the operation mode button
3. Adjust the setting temperature by pressing the temperature setting buttons.
4. Adjust the fan speed by pressing the fan speed button. When the mode is set at "AUTO" the fan speed changes automatically.
5. Press the ON/OFF button again. The system will retain the previous setting conditions until next operation.




#### NOTE!

- Even if you press the ON button right after the operation stop, the air conditioner will not start operation for approx. 3 min. in order to protect the compressor. The operation will start automatically after 3 min. of waiting.
- If the unit operates cooling and dry for a long time in high humidity (i.e., windows and doors are opened), dew and water droplets may form on the indoor unit.
- If you set a low temperature for dry operation, you may feel the air flow is cold.
- During dry mode operation, the system performs the cooling operation until the room temperature reaches 1~2°C (1.8~3.6°F) above the setting temperature. Then it continues dry mode operation intermittently with fan speed at "LO", regardless of the designated speed.
- During dry operation, the indoor unit stops operating for 3 minutes when the room temperature reaches the setting temperature.
- \* For Dual and Triple models only  
Only one operation mode should be selected at a time for all the indoor units. (Different modes can not be concurrently selected for the indoor units.) If one or two indoor units are already operating in a certain mode, another mode can not be selected for the other indoor units. A warning beep will sound, and the unit will not function. When this happens, select the same mode as the other operating units.

## Heating Operation



1. Press the ON/OFF button
2. Set the operation mode to Heating , by pressing the operation mode button.
3. Adjust the setting temperature by pressing the temperature setting buttons. Temperature setting range: 16~30°C by 1°C step.
4. Adjust the fan speed by pressing the fan speed button. When the MODE is set at "AUTO", the fan speed changes automatically.
5. Press the ON/OFF button again. The system will retain the previous setting conditions until next operation.

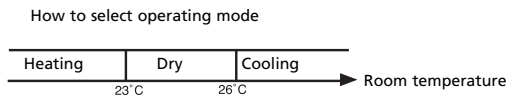


#### NOTE!

- Unless the heat exchanger gets warm enough, the air will not flow out to prevent cold air.
- Even if you press the ON button right after the operation stop, the air conditioner will not start operation for approx. 3 min. in order to protect the compressor. The operation will start automatically after 3 min. of waiting.
- During the heating operation, the outdoor unit may frost and heating capacity may deteriorate. In this case, the unit stops its heating operation and conducts defrosting operation automatically. During the defrosting operation, the fans of the indoor and outdoor units stop.
- If it is difficult to warm the room because of low outdoor temperature, use additional heating equipment.
- \* For Dual and Triple models only  
Only one operation mode should be selected at a time for all the indoor units. (Different modes can not be concurrently selected for the indoor units.) If one or two indoor units are already operating in a certain mode, another mode can not be selected for the other indoor units. A warning beep will sound, and the unit will not function. When this happens, select the same mode as the other operating units.

## Automatic operation

In automatic operation the air conditioner selects the operation mode (cooling, dry, heating) according to the room temperature when it starts.



- The air conditioner will restart in the previous mode if automatic operation is resumed within 3 hours from the switch-off.
- Mode review  
The computer checks and compares the room temperature 5 minutes and 15 minutes apart after the compressor shuts off, and it will review the mode. Afterwards it is repeated every 10 minutes.

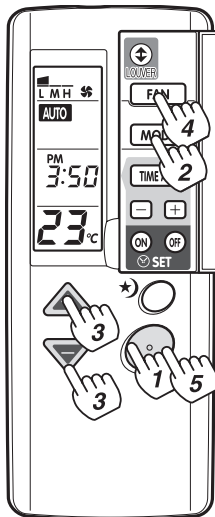
### Auto Recovery Function

If there is any power failure during operation, operation status before power failure is memorized. 3~4 minutes after power recover, the unit restarts automatically with previous operation status memorized. (3~4 minutes is protective time for compressor.)



#### ATTENTION

Because of Auto Recovery Function, if shutting off the power supply during operation, the unit may restart irrespective your intention when turning on the power supply next time. If the unit is not to be used for a long time, shut off the power supply after terminating all operation with remote controller.



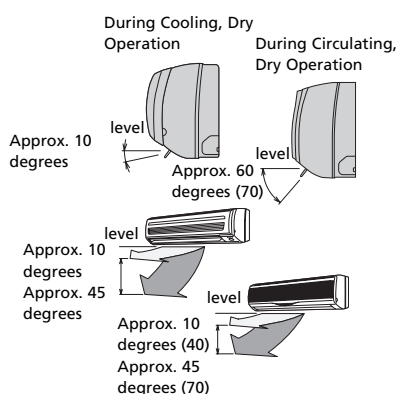
1. Press the ON/OFF button
2. Set the operation mode to Automatic **AUTO**, by pressing the operation mode button.
3. Adjust the setting temperature by pressing the temperature setting button. Temperature setting range: 16~30°C by 1°C step.
4. Adjust the fan speed by pressing the fan speed button. When the mode is set at "AUTO" the fan speed changes automatically.
5. Press the ON/OFF button again. The system will retain the previous setting conditions until next operation.



#### NOTE

- If the selected mode by Automatic Operation does not suit you, set the operation mode (cooling, dry heating) with the Operation mode button.
- Even if you press the ON button after the stop, the air conditioner will not start operation for approx. 3 min. in order to protect the compressor. The operation will start automatically after 3 min. of waiting.

## Air flow adjustment



(5 kW / 6.4 kW Heat Pump models)

### Vertical adjustment

The vertical louver will move automatically to the suitable position when ON/OFF button is pressed.

### Swing of air flow

The vertical louver will keep moving within the range illustrated on the left, if the vertical louver button is pressed once.

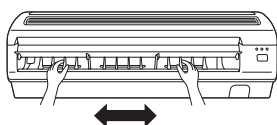
### Fixing the air flow Direction

If the louver button switch is pressed again, the vertical louver will be fixed and that position is memorized. From the next operation the louver will be set at previous position automatically.



### NOTE!

- When the operation is off, the vertical louver closes the outlet automatically.
- Do not move the vertical louver by hands. It may make the louver not to work correctly. In order to move the vertical louver, use wireless remote controller without fail. In case the louver does not work correctly, once stop the operation and turn on again.
- During in cooling or dry operation, the vertical louver should not be downward for long time. If this is done, dew drops may appear at the outlet. (Even the louver direction is in the swing range, the louver will move about 10 degrees from the horizontal after one hour.)
- During cooling operation, the angle of the vertical louver may automatically change to prevent condensation.



### Horizontal Adjustment

Adjust the horizontal louver by moving the adjustment tabs. If the system is operated with the horizontal louver faced completely to the left or right under high humidity (e.g., during the rainy season), dew drops may appear at the outlet.

## Timer operation

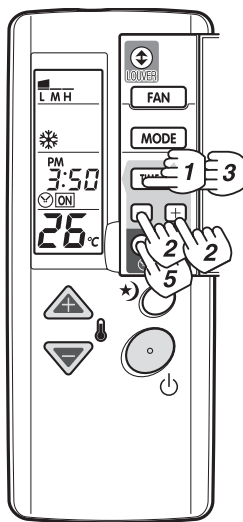
Before setting the timer, confirm that the present time is set accurately. Once you set the timer, the remote controller memorizes the setting. From the next time, you can operate the same timer mode just by pressing the ON/OFF button and the Timer fixing ("ON/OFF Timer") button.

You can use the combined function of the "ON Timer" and "OFF Timer".

### "ON Timer"

Example: set the "ON Timer" to 7 a.m.

Operation starts at the set time.



### Programming the "ON Time"

1. Press the "TIME ADJ" 2 times.



2. Adjust the time with the  $\oplus$ ,  $\ominus$  button. The time setting changes in 10-minute intervals. Hold the button to fast forward the time.



3. Press the "TIME ADJ" button two times. The setting of "ON Time" is complete and the present time appears.



4. Press the "ON/OFF" button. Proceed from Step 5 (below) if the unit has been operated or the OFF Timer has been set.

5. Press the timer fixing button "ON". The "ON Time" is displayed for 2 seconds and then the present time appears.



### Cancelling "ON Timer"

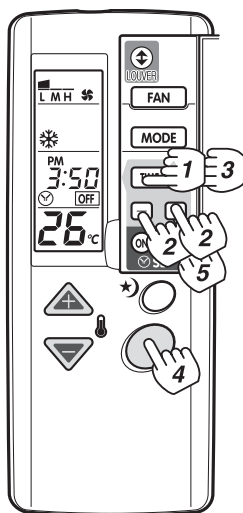
Press the Timer fixing button "ON". The timer lamp of the indoor unit goes off.



### "OFF Timer"

Example: Set the "Off Timer" to 10 p.m.

Operation starts at the set time.



### Programming the "OFF Time"

1. Press the "TIME ADJ" 3 times.



2. Adjust the time with the  $\oplus$ ,  $\ominus$  button. The time setting changes in 10-minute intervals. Hold the button to fast forward the time.



3. Press the "TIME ADJ" button once. The setting of "OFF Time" is complete and the present time appears.



4. Press the "ON/OFF" button. Proceed from Step 5 (below) if the unit has been operated or the ON Timer has been set.
5. Press the timer fixing button "ON". The "ON Time" is displayed for 2 seconds and then the present time appears.



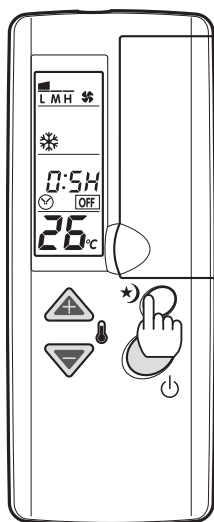
#### Cancelling "OFF Timer"

Press the timer fixing button "OFF". The timer lamp of the indoor unit goes off.



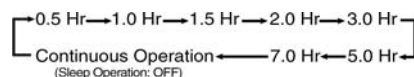
#### "SLEEP Timer"

Pressing this button starts the timer mode that will stop the operation after the setting time.



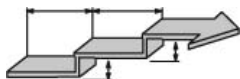
Press the "SLEEP" button during the operation.

The setting time repeats the following mode by pressing the button:



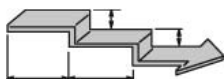
Continuous operation (Sleep Operation: OFF). The operation stops after passing the setting time.

#### Sleep Timer features



##### During Cooling Operation

The setting temperature rises 0.6°C after 30 minutes of Sleep Timer ON, and rises 0.6°C again after 30 minutes of the first temperature rise.



##### During Heating Operation

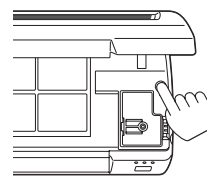
The setting temperature drops 0.6°C after 30 minutes of Sleep Timer ON, and drops 0.6°C again after 30 minutes of the first temperature drop.

## Emergency and test operation

#### Emergency Operation

- The emergency operation is needed only when the remote control can not be used.
- When you press the Emergency Operation Switch, you will hear a beep and the emergency operation starts.
- Emergency operation is preset for the following two modes, only based on the temperature of the room at the time of operation.

Temperature	Operation mode	Designated temperature	Timer mode	Air flow
Above 23°C	Cooling	26°C	Continuous	Automatic
Below 23°C	Heating	23°C	Continuous	Automatic

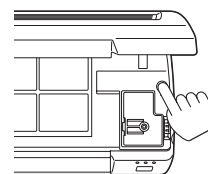


#### NOTE

Emergency operation at the temperature between above 23°C and below 26°C just switch the machine in operation in "cooling mode" without actually "cooling". It is not possible to operate in "Dry" mode.

#### Test operation

- Same switch as used in Emergency operation.
- Test operation is needed in special occasion when you need to test the "cooling operation" even with the room temperature below 16°C, therefore it is not for the normal operation at all.
- Press the Emergency operation switch and hear the beep once, then keep on pressing the switch for more than 5 seconds but no more than 10 seconds. After the first 5 seconds you will hear two beeps then release the switch and you will have the Test Operation Mode.
- The Test Operation Mode will run the air conditioner at "cooling" with air flow speed at "Hi" for 30 minutes and stops automatically.



#### Termination of emergency or test operation

- You can terminate the operation when you hear a beep by either pressing the switch once more, or by operating through remote control.
- When you operate through remote control, is automatically get back to just normal operation mode by remote control.

## E AIR FILTER

This air conditioner is equipped with a Mold proof dust filter, to clean the circulated room air.

The Mold-Proof filter (screen filter) has to be cleaned regularly with a vacuum cleaner to avoid blocking of the air flow. Or take out the filter and wash with water. After washing, dry the filter completely in the shade.



#### NOTE

To run the unit without Mold-Proof filter does not bring any harm to the airconditioner. In that case dust is not removed from the circulated air.

## F MAINTENANCE



### WARNING!

Before maintenance, be sure to turn off the system and the circuit breaker.

### Remote controller

Do not use water, wipe the controller with a dry cloth. Do not use glass cleaner or chemical cloth.

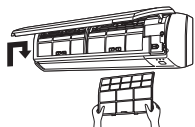
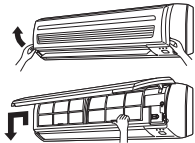
### Indoor body

Wipe the air conditioner by using a soft and dry cloth. For serious stains, use a neutral detergent diluted with water. Wring the water out of the cloth before wiping, then wipe off the detergent completely.

### Do not use the following for cleaning.

Gasoline, benzine, thinner or cleanser may damage the coating of the unit. Hot water over 40°C (104°F) may cause discoloring or deformation.

### Screen Filter Cleaning. (once every two weeks)



1. Open the inlet by pulling upward.
2. Remove the screen filter. Push up the filter's center tab slightly until it is released from the stopper, and remove the filter downward.
3. Clean the screen filter. Use a vacuum cleaner to remove dusts, or wash the filter with water. After washing, dry the screen filter completely in the shade.
4. Attach the filter behind the stopper so that the "FRONT" indication is showing outward. Make sure that the screen filter is completely behind the stopper. If the filter is not attached correctly, it may cause defects. Close the inlet grille.

## G TROUBLE SHOOTING



### CAUTION!

In the event of a malfunction (burning smell, etc.) immediately stop operation, disconnect the Power Supply plug and consult sales shop. Before requesting service, perform the following checks:

Problem	Cause / Solution
The system does not start re-operation immediately.	This is for protection of the system. After a stop, the system does not start operation for approx. 3 min
Smells are generated.	This is because the system circulates smells from the interior air such as the smell of cigarettes, cosmetics, the walls or furniture.
Occurring of noise.	When cooling is started or heating is stopped, a swishing or a gurling noise may be heard. This noise is generated while the refrigerant is flowing in the air conditioner.
	When starting or stopping operation, a cracking noise may be heard. This noise is generated by the casing expanding or shrinking because of temperature changes.
	A whooshing noise may be heard during operation of the system. This noise is generated when the refrigerant changes direction.
Air does not flow (Indoor Unit). Air flow speed can not be changed.	During the dry mode operation, air may not flow out, to prevent excessive cooling.
	During the heating operation, air does not flow out until the air is heated enough to prevent cold air flow. During the thawing in heating, air may not flow.
Air does not flow (Out-door Unit).	During the dry mode operation and heating mode operation, air may not flow out.
Cooling/heating is not sufficient.	The cooling/heating function may not work effectively when the air filter is clogged with dust and dirt.
	Make sure the room temperature has not yet reached the designated level.
	Make sure the air flow speed is not set at "LO".
	Make sure the inlet or outlet of the outdoor unit is not blocked.
The indicator on the wireless remote controller is dim. The indicator dims when sending signals. Indication does not appear on the wireless remote controller.	When the room temperature has not reached the required level because of low ambient temperature, add other heating facilities.
	Make sure if the dry batteries have enough charge. Use dry R-03 (AAA) batteries. Replace worn dry batteries with a new pair batteries.
	Make sure the dry batteries are set in the right polarity directions.
Misting (Indoor Unit)	It is caused by chilled air in cooling operation.
Steaming (Outdoor Unit)	It is caused by defrosting of outdoor unit in heating operation.

In case of an emergency while in operation, such as malfunction, stoppage or unoperative remote control unit caused by lightning damage or automobile radio transmitter, please unplug and wait for three minutes. Then plug in again and push ON/OFF button on the remote control unit.

## H GUARANTEE CONDITIONS

The air conditioner is supplied with a 24-month guarantee, commencing on the date of purchase. All material and manufacturing defects will be repaired or replaced free of charge within this period. The following rules apply:

1. We expressly refuse all further damage claims, including claims for collateral damage.
2. Repairs to or replacement of components within the guarantee period will not result in an extension of the guarantee.
3. The guarantee is invalidated if any modifications have been made, non genuine parts are fitted or repairs are carried out by third parties.
4. Components subject to normal wear, such as the filter, are not covered by the guarantee.
5. The guarantee is valid only when you present the original, dated purchase invoice and if no modifications have been made.
6. The guarantee is invalid for damage caused by neglect or by actions that deviate from those in this instruction booklet.
7. Transportation costs and the risks involved during the transportation of the air conditioner or air conditioner components shall always be for the account of the purchaser.
8. Damage caused by not using suitable Zibro filters is not covered by the guarantee.
9. Refrigerant loss and/or leakage because of incompetent (dis)connecting the units is not covered by the guarantee conditions applicable to this product.

To prevent unnecessary expense, we recommend that you always first carefully consult the instructions for use. Take the air conditioner to your dealer for repairs if these instructions do not provide a solution.

## TECHNICAL DATA

Model		S 1523	S 1526	S 1534	S 1550	S 1564
Type air-conditioner		Wall mounted split	Wall mounted split	Wall mounted split	Wall mounted split	Wall mounted split
Cooling capacity (max) *	W	2300	2600	3400	5000	6400
Cooling capacity (max) *	btu/h	7850	8870	11600	17060	21840
EE Class*		B	A	A	C	C
EER*	W/W	3.1	3.22	3.21	2.81	2.82
Heating capacity (max) *	W	2600	3100	4000	6000	7200
Heating capacity (max) *	btu/h	8870	10580	13650	20470	24570
Heating performance		A	A	A	A	C
COP*	W/W	3.63	3.67	3.92	3.61	3.21
Dehumidifying capacity ***	L / 24h	33	38	50	74	105
Power consumption cooling	kW	0.75	0.82	1.05	1.76	2.29
Power consumption heating	kW	0.71	0.84	1.01	1.67	2.24
Power supply	V / Hz / Ph	230 / 50 / 1				
Current (nom.) cooling / heating	A	3.5 / 3.4	3.6 / 3.7	4.7 / 4.5	8.1 / 7.7	10.1 / 9.9
Max. Current	A	18	22	27	29	54
Air flow (cooling/heating)**	m³/h	390 / 420	420 / 480	480 / 510	720 / 720	840 / 900
For rooms up to**	m³	55 - 75	65 - 90	85 - 105	125 - 150	160 - 180
Compressor type		Rotary	Rotary	Rotary	Rotary	Rotary
Fan speeds		3	3	3	3	3
Thermostatic range	°C	16 - 30	16 - 30	16 - 30	16 - 30	16 - 30
Operating range	°C	+1 - 43	+1 - 43	+1 - 43	+1 - 43	+1 - 43
Controls manual / mechanic / electronic		Electronic remote	Electronic remote	Electronic remote	Electronic remote	Electronic remote
Remote control Yes / No		Y	Y	Y	Y	Y
Air filter type(s)		Screen dust filter	Screen dust filter	Screen dust filter	Screen dust filter	Screen dust filter
Refrigerant type / charge	r / gr	R410a / 700	R410a / 830	R410a / 1100	R410a / 1460	R410a / 1700
Refrigerant pipe diameter Liquid - Gas	mm	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52	6.35 / 12.70	6.35 / 15.88
Pressure suction / discharge	bar	10 / 39	12 / 42	12 / 42	12 / 42	16 / 41
Dimensions indoor unit (w x h x d)	mm	795x265x192	795x265x192	795x265x192	799x295x237	799x295x237
Dimensions outdoor unit (w x h x d)	mm	640x490x210	710x545x255	710x545x255	780x642x245	850x643x330
Net weight indoor unit	kg	7.2	7.2	8.3	9.1	9.1
Net weight outdoor unit	kg	24	29	33	44	59
Gross weight indoor unit	kg	10	10	11	13	13
Gross weight outdoor unit	kg	27	33	33	47	65
Sound pressure level indoor unit	dB(A)	26 - 36	28 - 39	27 - 42	34 - 44	36 - 47
Sound pressure level outdoor unit	dB(A)	42	44	44	50	54
Unit protection indoor	IP	IPX0	IPX0	IPX0	IPX0	IPX0
Unit protection outdoor	IP	IPX4	IPX4	IPX4	IPX4	IPX4
Fuse rating		F2.0A / 250V	F2.0A / 250V	F2.0A / 250V	T3.15A / 250V	T3.15A / 250V

\* Conform EN 14511

\*\* To be used as indication

\*\*\* Moisture removal at 27°C, 60% RH



Waste electrical products should not be disposed with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice.

**Environmental information:** This equipment contains fluorinated greenhouse gases covered by the Kyoto Protocol. It should only be serviced or dismantled by professional trained personnel.

This equipment contains R410a refrigerant in the amount as stated in the table above. Do not vent R410a into atmosphere: R410a, is a fluorinated greenhouse gas with a Global Warming Potential (GWP) = 1975

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