

OWNER'S MANUAL

SPLIT AIR CONDITIONING



IX39

Please, read carefully this
manual before using the
product.

HTW
HIGH TECHNOLOGY WORLD



Before using the air conditioning, read this manual carefully and keep it for checkings.

Read this manual

On it, you will find useful information in order to help you to install the air conditioning and make the testing proofs. If you make a brief maintenance of the unit it will save you time and money during the life of your air conditioning. You will find solutions to common problems in the troubleshooting tips table. Before getting in contact with the technical service, check the troubleshooting tips.

CAUTION

- Contact an authorised service technician for repair or maintenance of this unit.
- Contact the authorised installer for installation of this unit.
- Este aparato pueden utilizarlo niños con edad de 8 años y superior y personas con capacidades físicas, sensoriales o mentales reducidas o falta de experiencia y conocimiento, si se les ha dado la supervisión o formación apropiadas respecto al uso del aparato de una manera segura y comprenden los peligros que implica. Los niños no deben jugar con el aparato. La limpieza y el mantenimiento a realizar por el usuario no deben realizarlo los niños sin supervisión.
- Se deberá supervisar a los niños para asegurarse de que no juegan con este aparato.
- Mantenga el aparato y su cable fuera del alcance de los niños menores de 8 años.
- PRECAUCIÓN: Para la seguridad de sus niños no deje material de embalaje (bolsas de plástico, cartón, polietileno etc.) a su alcance.
- Si el cable de alimentación está dañado, debe ser sustituido por el fabricante, el servicio técnico o cualquier otro profesional cualificado.
- No desconecte nunca tirando del cable.
- No lo ponga en funcionamiento si el cable o el enchufe están dañados o si observa que el aparato no funciona correctamente.
- No manipule el aparato con las manos mojadas.
- No sumergir el aparato en agua o cualquier otro líquido.
- Antes de su limpieza observe que el aparato está desconectado.
- El aparato debe instalarse de acuerdo con la reglamentación nacional para instalaciones eléctricas.

When using this air conditioner in the European countries, the following informations must be followed:

DISPOSAL: Do not dispose this product as unsorted municipal waste. Collection of such waste separately for special treatment is necessary. It is prohibited to dispose of this appliance in domestic household waste.

For disposal, there are several possibilities:

- A) The municipality has established collection systems, where electronic waste can be disposed of at least free of charge to the user.
- B) When buying a new product, the retailer will take back the old product at least free of charge.
- C) The manufacture will take back the old appliance for disposal at least free of charge to the user.

D) As old products contain valuable resources, they can be sold to scrap metal dealers.

Wild disposal of waste in forests and landscapes endangers your health when hazardous substances leak into the ground-water and find their way into the food chain.

To prevent injury to the user or other people and property damage, the following instructions must be followed. Incorrect operation due to ignoring of instructions may cause harm or damage.

- The seriousness is classified by the following indications.

⚠ WARNING	This symbol indicates the possibility of death or serious injury.
⚠ CAUTION	This symbol indicates the possibility of injury or damage to property.

- Meanings of symbols used in this manual are as shown below.

	Never do this.
	Always do this.

WARNING

① Connect with the power properly.

- Otherwise, it may cause electric shock or fire due to excess heat generation.

② Do not modify power cord length or share the outlet with other appliances

- It may cause electric shock or fire due to heat generation.

③ Always ensure effective earthing.

- No earthing may cause electric shock.

④ Disconnect the power if strange sounds, smell, or smoke comes from it.

- It may cause fire and electric shock.

⑤ Use the correctly rated breaker or fuse.

- There is risk of fire or electric shock.

⑥ Ventilate room before operating air conditioner if there is a gas leakage from another appliance.

- It may cause explosion, fire and, burns.

⑦ Do not operate or stop the unit by switching on or off the power.

- It may cause electric shock or fire due to heat generation.

⑧ Do not operate with wet hands or in damp environment.

- It may cause electric shock.

⑨ Do not allow water to run into electric parts.

- It may cause failure of machine or electric shock.

⑩ Do not drink water drained from air conditioner.

- It contains contaminants and could make you sick.

⑪ Do not use the power cord close to heating appliances.

- It may cause fire and electric shock.

⑫ Do not use the power cord near flammable gas or combustibles, such as gasoline, benzene, thinner, etc.

- It may cause an explosion or fire.

⑬ Do not damage or use an unspecified power cord.

- It may cause electric shock or fire.

⑭ Do not direct airflow at room occupants only.

- This could damage your health.

⑮ Always install circuit breaker and a dedicated power circuit.

- No installation may cause fire and electric shock.

⑯ Do not open the unit during operation.

- It may cause electric shock.

⑰ Do not disassemble or modify unit.

- It may cause failure and electric shock.

CAUTION

① When the air filter is to be removed, do not touch the metal parts of the unit.

- It may cause an injury.

① Do not clean the air conditioner with water.

- Water may enter the unit and degrade the insulation. It may cause an electric shock.

① Ventilate the room well when used together with a stove, etc.

- An oxygen shortage may occur.

① When the unit is to be cleaned, switch off, and turn off the circuit breaker.

- Do not clean unit when power is on as it may cause fire and electric shock, it may cause an injury.

① Do not put a pet or house plant where it will be exposed to direct air flow.

- This could injure the pet or plant.

① Do not use for special purposes.

- Do not use this air conditioner to preserve precision devices, food, pets, plants, and art objects. It may cause deterioration of quality, etc.

① Stop operation and close the window in storm or hurricane.

- Operation with windows opened may cause wetting of indoor and soaking of household furniture.

① Do not place obstacles around air-inlets or inside of air-outlet.

- It may cause failure of appliance or accident.

① Turn off the main power switch when not using the unit for a long time.

- It may cause failure of product or fire.

① Do not use strong detergent such as wax or thinner. Use a soft cloth for cleaning.

① Ensure that the installation bracket of the outdoor appliance is not damaged due to prolonged exposure.

① Always insert the filters securely. Clean filter once every two weeks.

- Appearance may be deteriorated due to change of product color or scratching of its surface.

- If bracket is damaged, there is concern of damage due to falling of unit.

- Operation without filters may cause failure.

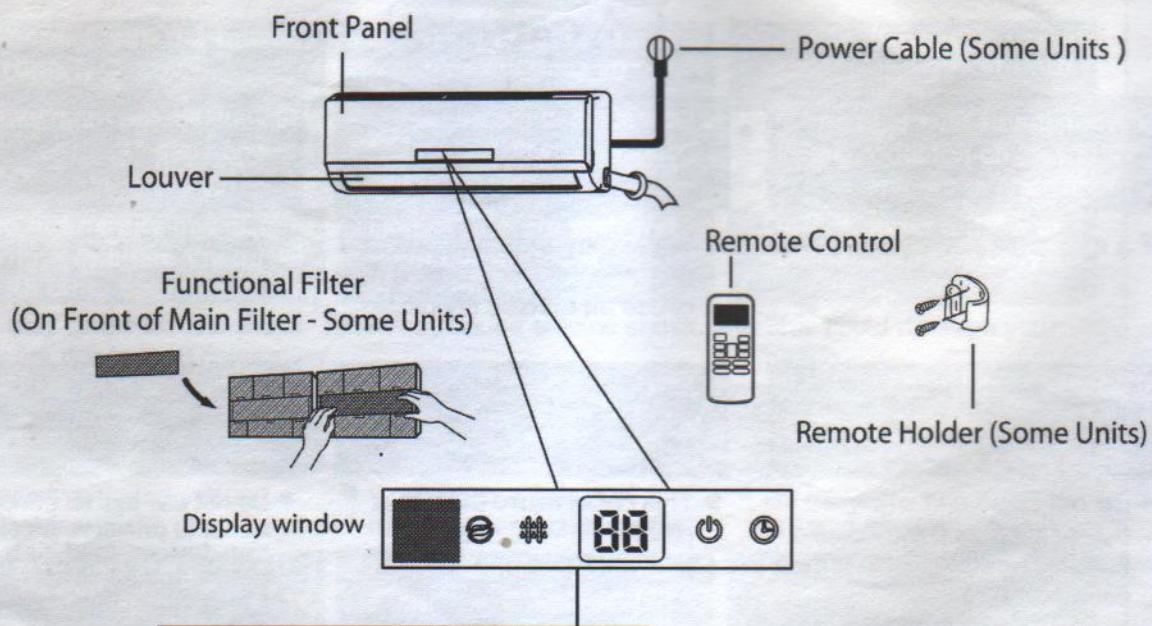
① Do not place heavy object on the power cord and take care so that the cord is not compressed.

① Use caution when unpacking and installing. Sharp edges could cause injury.

① If water enters the unit, turn the unit off and disconnect the power, contact a qualified service technician.

- There is danger of fire or electric shock.

PARTS NAMES



- “ ● ” when FRESH feature is turned on(optional function).
- “ # ” when defrosting.
- “ 88 ” display the temperature setting or room temperature.
When error occurs, it displays error code.
- “ ⏪ ” when the unit is operational.
- “ ⏴ ” when Timer is set.

Display Code
Meanings

In Fan mode, the unit will display the room temperature.

In other modes, the unit will display your temperature setting.

NOTE:

All the pictures in this manual are for explanation purpose only. Your air conditioner may be slightly different. The actual shape shall prevail.

*Note: this manual does not include the information about the using instructions of the remote control.
Please check the “Remote Control instruction Manual” included together with the remote control.*

GETTING AN OPTIMAL PERFORMANCE

Getting an optimum performance in the cooling, heating or drying modes is possible in the following range of temperatures. Using the device out of this range will activate some safety functions which will cause a less optimal performance.

Temperature	Cooling	Heating	Dehumidifying
Room temperature	17°C - 32°C	0°C - 30°C	10°C - 32°C
Outside temperature	0°C - 50°C -15°C - 50°C (for models with low temperature cooling system)	-15°C - 30°C	0°C - 50°C

To obtain even a better performance of your device, please follow the next instructions:

- Keep doors and windows closed.
- Save energy by using the timer functions.
- Do not block air inlets/outlets
- Check and clean the filters regularly.

For detailed explanation of each function, refer to the Remote Control Manual

CONTROLLING THE AIR FLOW

- Adjust the air flow direction properly otherwise, it might cause discomfort or cause uneven room temperatures.
- Adjust the horizontal louver using the remote controller.
- Adjust the vertical louver manually.

To set the vertical air flow (Up-Down) direction

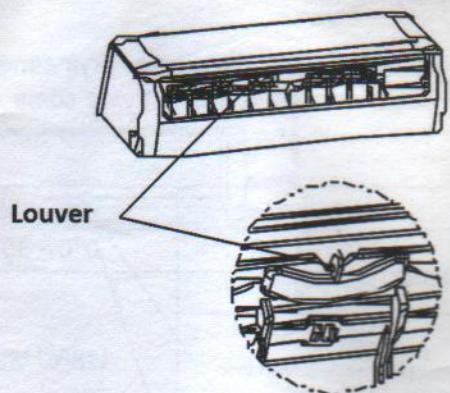
Perform this function while the unit is in operation with the button **SWING/DIRECT**.

- Press the button to make the horizontal louver move at a range of 6°C in each press.
- For an automatic swing up and down press the button during three seconds. Press again to stop this function.

To set the horizontal air flow direction (left - right)

- Move the vertical louver manually (shown in the picture) to adjust the air flow in the direction you prefer.

IMPORTANT: Before adjusting the vertical louvers, the supply power must be disconnected.



- Be careful to not cause damage to the louvers.

Warning

- Do not operate the air conditioner for long periods with the air flow direction set downward in cooling or dehumidifying mode. Otherwise, condensation may occur on the surface of the horizontal louver causing moisture to drop on to the floor or on furnishings.
- Do not move the horizontal louver manually unless it is necessary. Always use the remote controller. If the louver does not work, stop immediately the unit and start it again.
- Open angle of the horizontal louver should not be set too small, as COOLING or HEATING performance may be impaired due to too restricted air flow area.

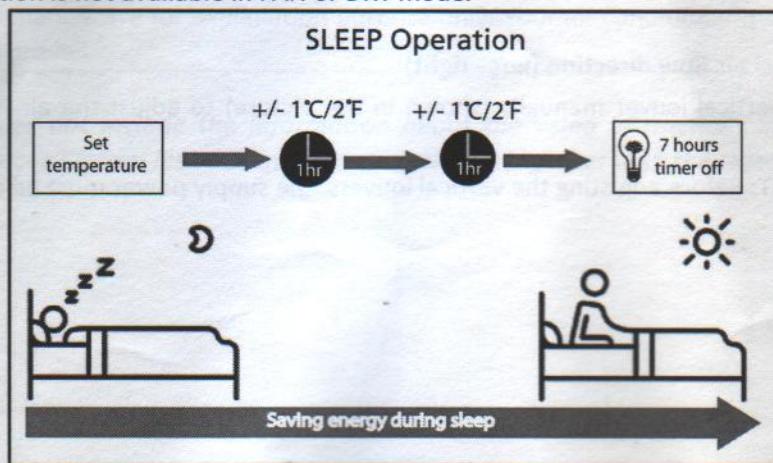
SLEEP MODE

The SLEEP function is used to decrease energy use while you sleep (and don't need the same temperature settings to stay comfortable). This function can only be activated via remote control.

Press the SLEEP button when you are ready to go to sleep.

- When in COOL mode, the unit will increase the temperature by 1°C (2°F) after 1 hour, and will increase an additional 1°C (2°F) after another hour.
- When in HEAT mode, the unit will decrease the temperature by 1°C (2°F) after 1 hour, and will decrease an additional 1°C (2°F) after another hour. It will hold the new temperature for 7 hours, then the unit will turn off automatically.

Note: The SLEEP function is not available in FAN or DRY mode.



MANUAL OPERATION (WITHOUT REMOTE CONTROL)

How to operate your unit without the remote control

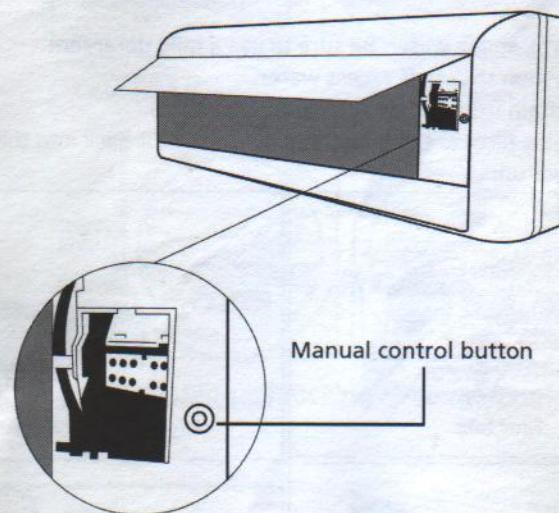
In the event that your remote control fails to work, your unit can be operated manually with the **MANUAL CONTROL** button located on the indoor unit. Note that manual operation is not a long-term solution, and that operating the unit with your remote control is strongly recommended.

BEFORE MANUAL OPERATION - Unit must be turned off before manual operation.

To operate your unit manually:

1. Open the front panel of the indoor unit.
2. Locate the **MANUAL CONTROL** button on the right-hand side of the unit.
3. Press the **MANUAL CONTROL** button one time to activate **FORCED AUTO** mode.
4. Press the **MANUAL CONTROL** again to activate **FORCED COOLING** mode.
5. Press the **MANUAL CONTROL** button a third time to turn the unit off.
6. Close the front panel.

Warning: the manual button is intended for testing purposes and emergency operation only. Please do not use this function unless the remote is lost and it is absolutely necessary. To restore regular operation, use the remote control to activate the unit.



CARE AND MAINTENANCE

Cleaning of grille, case and remote control

Turn off the unit before cleaning the unit. To do it, use a soft and dry cloth. Do not use bleach, domestic drain cleaners or corrosive products.

WARNING: Always turn off your air conditioner system and disconnect its power supply before cleaning or maintenance.

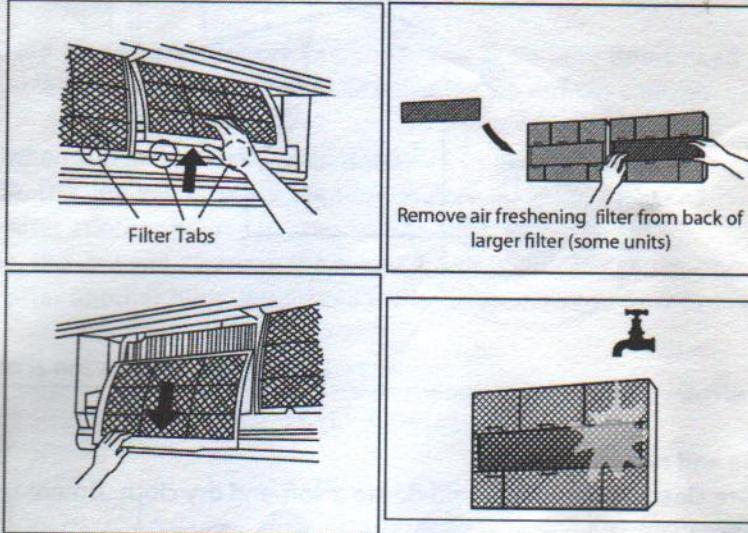
CAUTION

- If the unit is especially dirty, you can use a cloth soaked in warm water to wipe it clean. Then, dry the unit.
- **Do not** use chemicals or chemically treated cloths to clean the unit.
- **Do not** use benzene, paint thinner, polishing powder or other solvents to clean the unit. They can cause the plastic surface to crack or deform.
- **Do not** use water hotter than 40°C (104°F) to clean the front panel. This can cause the panel to deform or become discolored.

Cleaning the air filter

A clogged air conditioner can reduce the cooling efficiency of your unit, and can also be bad for your health. Make sure to clean the filter once every two weeks.

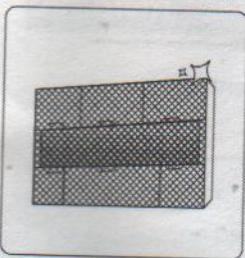
1. Lift the front panel of the indoor unit until reaching an angle where the panel gets fixed, hearing a click.
2. Lift the filter by the handle, and remove it from its position pulling down.
3. Remove the filter of the indoor unit.
4. If your filter has a small air freshening filter, unclip it from the larger filter. Clean this air freshening filter with a hand-held vacuum.
5. Clean the large air filter with warm, soapy water. Be sure to use a mild detergent.
6. Rinse the filter with fresh water, then shake off excess water.
7. Dry it in a cool, dry place, and refrain from exposing it to direct sunlight.
8. When dry, re-clip the air freshening filter to the larger filter, then slide it back into the indoor unit.
9. Close the front panel of the indoor unit.



CAUTION

- Do not touch air freshening (Plasma) filter for at least 10 minutes after turning off the unit.
- When removing filter, do not touch metal parts in the unit. The sharp metal edges can cut you.
- Do not use water to clean the inside of the indoor unit. This can destroy insulation and cause electrical shock.
- Do not expose filter to direct sunlight when drying. This can shrink the filter.

Maintenance – Long Periods of Non-Use



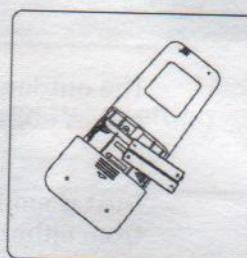
Clean all filters



Turn on FAN function until
unit dries out completely



Turn off the unit and
disconnect the power

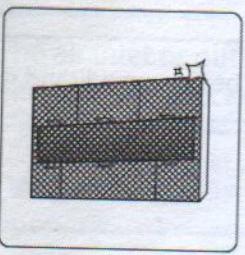


Remove batteries
from remote control

Maintenance – Pre-Season Inspection



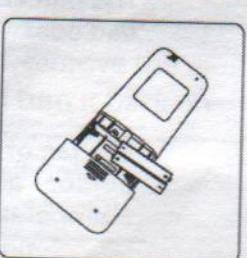
Check for damaged wires



Clean all filters



Check for leaks



Replace batteries



Make sure nothing is blocking all air inlets and outlets

COMMON ISSUES

The following problems are not a malfunction and in most situations will not require repairs.

The outdoor unit makes noises	The unit will make different sounds based on its current operating mode.
Dust is emitted from either the indoor or outdoor unit	The unit may accumulate dust during extended periods of non-use, which will be emitted when the unit is turned on. This can be mitigated by covering the unit during long periods of inactivity.
The unit emits a bad odor	<p>The unit may absorb odors from the environment (such as furniture, cooking, cigarettes, etc.) which will be emitted during operations.</p> <p>The unit's filters have become moldy and should be cleaned.</p>
The fan of the outdoor unit does not operate	During operation, the fan speed is controlled to optimize product operation.
Operation is erratic, unpredictable, or unit is unresponsive	<p>Interference from cell phone towers and remote boosters may cause the unit to malfunction.</p> <p>In this case, try the following:</p> <ul style="list-style-type: none">• Disconnect the power, then reconnect.• Press ON/OFF button on remote control to restart operation.
The indoor unit makes noises	<p>A rushing air sound may occur when the louver resets its position.</p> <p>A squeaking sound may occur after running the unit in HEAT mode due to expansion and contraction of the unit's plastic parts.</p>
Both the indoor unit and outdoor unit make noises	<p>Low hissing sound during operation: This is normal and is caused by refrigerant gas flowing through both indoor and outdoor units.</p> <p>Low hissing sound when the system starts, has just stopped running, or is defrosting: This noise is normal and is caused by the refrigerant gas stopping or changing direction.</p> <p>Squeaking sound: Normal expansion and contraction of plastic and metal parts caused by temperature changes during operation can cause squeaking noises.</p>

Problem	Possible Causes	Solution
Poor Cooling Performance	Temperature setting may be higher than ambient room temperature	Lower the temperature setting
	The heat exchanger on the indoor or outdoor unit is dirty	Clean the affected heat exchanger
	The air filter is dirty	Remove the filter and clean it according to instructions
	The air inlet or outlet of either unit is blocked	Turn the unit off, remove the obstruction and turn it back on
	Doors and windows are open	Make sure that all doors and windows are closed while operating the unit
	Excessive heat is generated by sunlight	Close windows and curtains during periods of high heat or bright sunshine
	Too many sources of heat in the room (people, computers, electronics, etc.)	Reduce amount of heat sources
	Low refrigerant due to leak or long-term use	Check for leaks, re-seal if necessary and top off refrigerant
	SILENCE function is activated	SILENCE function can lower product performance by reducing operating frequency. Turn off SILENCE function.

Problem	Possible Causes	Solution
The unit is not working	Power failure	Wait for the power to be restored
	The power is turned off	Turn on the power
	The fuse is burned out	Replace the fuse
	Remote control batteries are dead	Replace batteries
	The Unit's 3-minute protection has been activated	Wait three minutes after restarting the unit
	Timer is activated	Turn timer off
The unit starts and stops frequently	There's too much or too little refrigerant in the system	Check for leaks and recharge the system with refrigerant.
	Incompressible gas or moisture has entered the system.	Evacuate and recharge the system with refrigerant
	The compressor is broken	Replace the compressor
	The voltage is too high or too low	Install a manostat to regulate the voltage
Poor heating performance	The outdoor temperature is lower than 7°C (44.5°F)	Use auxiliary heating device
	Cold air is entering through doors and windows	Make sure that all doors and windows are closed during use
	Low refrigerant due to leak or long-term use	Check for leaks, re-seal if necessary and top off refrigerant
Indicator lamps continue flashing	The unit may stop operation or continue to run safely. If the indicator lamps continue to flash or error codes appear, wait for about 10 minutes. The problem may resolve itself. If not, disconnect the power, then connect it again. Turn the unit on. If the problem persists, disconnect the power and contact your nearest customer service center.	
Error code appears in the window display of indoor unit: <ul style="list-style-type: none">• E0, E1, E2...• P1, P2, P3...• F1, F2, F3...		

NOTE: If your problem persists after performing the checks and diagnostics above, turn off your unit immediately and contact an authorized service center.

Disposal of old electrical appliances.



The European directive 2002/96/EC on Waste Electrical and Electronic Equipment (WEEE), requires that old household electrical appliances must not be disposed of in the normal unsorted municipal waste stream. Old appliances must be collected separately in order to optimize the recovery and recycling of the materials they contain, and reduce the impact on human health and the environment. The crossed out "wheeled bin" symbol on the product reminds you of your obligation, that when you dispose of the appliance, it must be separately collected. Consumers should contact their local authority or retailer for information concerning the correct disposal of their old appliance.

DECLARATION OF CONFORMITY: This device complies with the requirements of the Low Voltage Directive 2006/95/EC and the requirements of the EMC directive 2004/108/EC.



C/ Indústria, nº13
Montmeló 08160
Barcelona (Spain)

Telephone: 93 390 42 20
Fax: 93 390 42 05

info@htwspain.com
www.htwspain.com



16122000A24529