

Dear customer,

Thank you for purchasing this product. So that your appliance serves you well, please read all the instructions in this user's manual. If you have any questions, please contact our customer care center. Our contact details are below:

Cher client,

Nous vous remercions d'avoir acheté ce produit. Afin que vous puissiez profiter pleinement de votre appareil, veuillez lire toutes les instructions de ce manuel d'utilisation. Si vous avez la moindre question, veuillez contacter notre centre d'assistance à la clientèle, Nos coordonnées sont les suivantes:

Sehr geehrter Kunde,

Vielen Dank, dass Sie dieses Produkt erworben haben. Damit Ihr Gerät Ihnen gute Dienste leistet, lesen Sie bitte alle Hinweise in diesem Benutzerhandbuch. Wenn Sie Fragen haben, wenden Sie sich bitte an unser Kundendienstzentrum, Unsere Kontaktdaten stehen unten:

 (\mathbf{DE})

Queridos clientes,

Gracias por comprar este producto. Para que su electrodoméstico le sirva mejor, lea todas las instrucciones de este manual del usuario. Si tiene alguna pregunta, comuníquese con nuestro Centro de Atención al Cliente, Nuestros datos de contacto son los siguientes:

ΡΤ

ES)

Caros clientes,

Obrigado por adquirir este produto. Para que o seu aparelho o sirva melhor, leia todas as instruções deste manual do utilizador. Se tiver alguma dúvida, por favor contacte o nosso Centro de Atendimento ao Cliente, Os nossos dados de contacto são os seguintes:

IT

Caro Cliente,

Grazie per aver acquistato questo prodotto. Per servirti meglio con questo apparecchio ti prego di leggere tutte le istruzioni in presente manuale utente. In caso di dubbio, si prega di contattare il nostro centro assistenza clienti, I nostri dettagli di contatto sono di seguito:

Country	🔊 Phone	Email
US	001-877-644-9366	customerservice@aosom.com
CA	416-792-6088	customerservice@aosom.ca
UK	0044-800-240-4004	enquiries@mhstar.co.uk
DE	0049-0(40)-88307530	service@aosom.de
FR	0033-1-84166106	aosom@mhfrance.fr
ES	0034-931294512	atencioncliente@aosom.es
PT	0034-931294512	info@aosom.pt
IT	0039-0249471447	clienti@aosom.it

 (\mathbf{FR})

EN

CONTENT Important safety tips Precautions	
Product introduction Main parts and components4 Control panel and remote controller5	
Product operation Placement and installation	5
Cleaning and maintenance Drainage method	
Common failures and diagnosisIntelligent error detection10Fuse parameters10Troubleshooting10	

PRECAUTION

Before using this appliance, carefully read this manual

• This machine is for household use only.

• This machine is for indoor use only. Keep it in a dry environment.

• Check the power cord frequently. N ever use this appliance with a damaged power cord, plug or air conditioner.

• If the cord is not long enough, you can use an extension cable. Keep the cord away from congested areas, where it may be trampled on or tripped over.

• Keep this appliance away from heat sources and direct sunlight.

• Turn off the appliance before unplugging it.

• Before maintenance, cleaning or when it is not in use, turn off and unplug the appliance.

• Clean the appliance according to this manual.

• Ensure the appliance's voltage meets the specified requirements. Damage caused by incorrect power usage will void your warranty.

• Children must not play with this appliance.

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 have been given supervision or instruction concerning the use of the appliance by a person responsible for their safety.

• Do not insert objects or fingers into the air outlet.

• Keep the appliance away from water and other liquids.

• Do not repair this appliance yourself. Hazards or damages caused by improper maintenance will void your warranty. F or any damages, contact customer service, its service agent or similarly qualified personnel.

• Only use accessories provided by the manufacturer. U sing accessories, which are not manufacturer - recommended, may damage your appliance.

• Recommended room temperature for this appliance (cooling/heating): 15-35° C/ 5-27°C.

• Under guided supervision, this appliance can be used by children aged eight years and above, provided they understand the potential risks and hazards. Under guided supervision, this appliance can be used by persons with disabilities or persons without experience, provided they understand the potential risks and hazards.

Special warning

• Keep the appliance upright on a flat and even ground. This ensures the compressor works normally.

• This appliance should be at least 50cm away from surrounding objects.

• Keep this appliance away from gasoline and other flammable substances.

• Do not use spraying agents and other solvents or flammable substances near this appliance, as it could damage its plastic parts.

Power

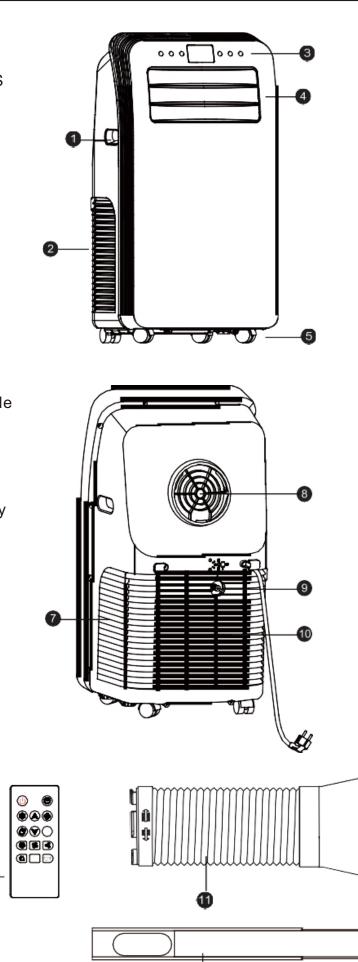
• Before using, ensure the plug is in good working condition.

• To use this appliance, first plug in the power cord, then press the power button.

PRODUCT INTRODUCTION

MAIN PARTS AND COMPONENTS

- 1. Handle
- 2. Air inlet (L)
- 3. Control panel
- 4. Wind guide bar
- 5. Caster
- 6. Remote controller
- 7. Air inlet (R)
- 8. Air outlet
- 9. Dehumidification drainage nozzle
- 10. Air inlet grille
- 11. Exhaust duct assembly
- 12. Window sealing plate assembly



CONTROLPANELANDREMOTECONTROLLER

1. Power button

Press to turn the appliance on and off.

2. Mode button

Press to choose between, cooling, wind, dehumidification and heating. NOTE: The cooling model does not have a heating mode.

3. Temperature/ time adjustment button

When in cooling mode, press this button to increase/reduce the temperature. When in the timing mode, press to adjust the 'ON/OFF' timer.

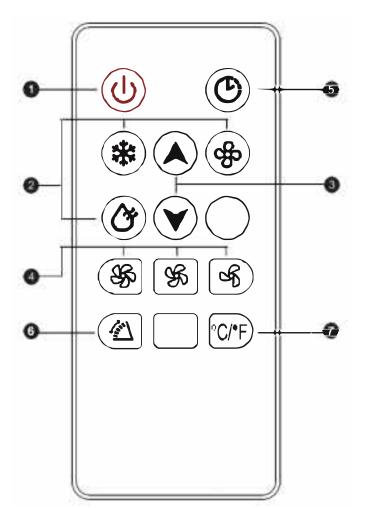
- 4. Fan button
- Press to choose high/low wind speed.
- 5. Timer button

Press to set a timer for an automatic start or stop.

6. Swing button

When the appliance is on, press this button to swing the guide bar automatically.

7. °C/°F switching button Press to switch between Celsius and Fahrenheit

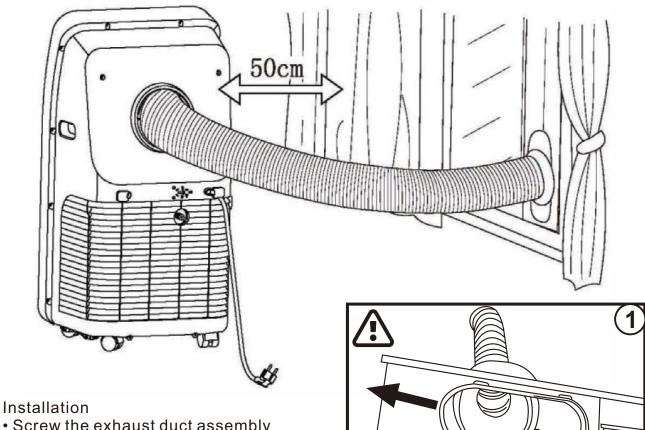


PLACEMENT AND INSTALLATION

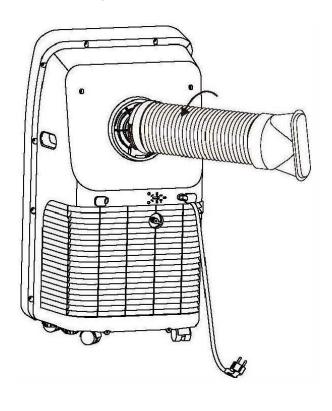
Placement

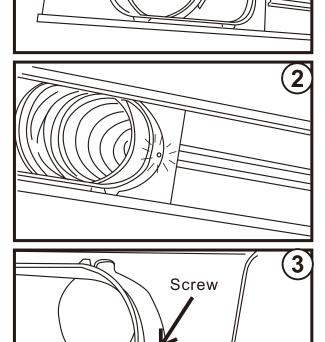
EN

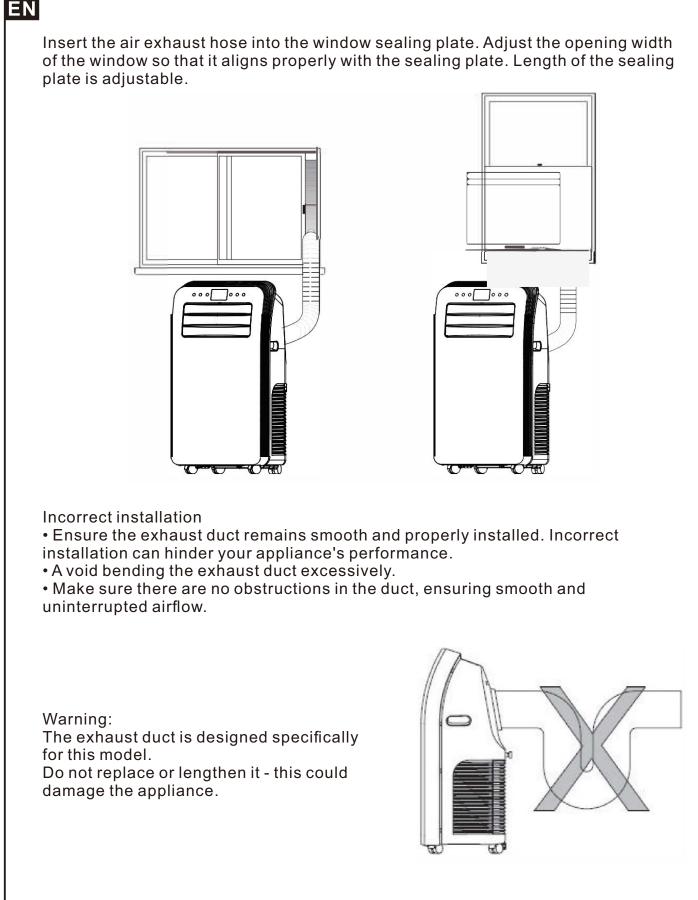
• Place the appliance on an even and dry surface, ensuring it is at least 50cm away from walls and other objects.



• Screw the exhaust duct assembly anticlockwise into the air outlet behind the panel.







Note:

The maximum length for the exhaust duct is 1,500mm. It's recommended to keep the duct as short as possible when using the appliance. During installation, keep the exhaust duct horizontal.

OPERATION METHOD

Cooling mode

ΕN

• When the appliance enters cooling mode automatically or when the cooling mode is selected after powering on, the cooling indicator lights up.

• Press the 'Up' or 'Down' to adjust the temperature (16°C-30°C).

• Press the 'Speed' button to choose between high, medium and low.

Fan mode

• Pressing the mode button or selecting fan mode on the remote controller will activate the indicator lamp.

- Press the 'Speed' button to choose between high, medium and low.
- The temperature cannot be set in this mode.

Dehumidification mode

• Pressing the mode button or selecting the dehumidification mode on the remote controller will activate the dehumidification indicator lamp.

• Remove the dehumidification water wedge, then insert the water manifold and place the other end of the water manifold into a water vessel or drainage passage, as shown in the figure on the right.

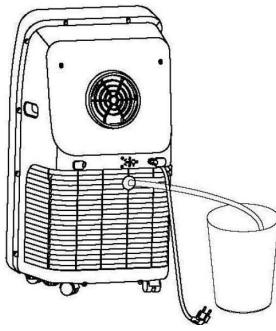
• In the dehumidification mode, if the room temperature is above 17°C (62°F), the compressor will be activated. Control the settings as follows: When the room temperature is below or e qual to 15°C (59°F), the compressor will turn off. However, if the temperature increases to room temperature (above 17 °C), the compressor will start after a three-minute delay.

• In dehumidification mode, the fan runs at a default low speed. The wind speed cannot be adjusted.

• In this mode, the temperature cannot be set. Note: When using this function, ensure you remove the exit pipe components, so you don't compromise the dehumidification performance and avoid triggering the 'FL' water full alarm.

Timer mode

In the standby state, press the 'Timer' button to set the 'ON' time. Use the 'Up' and 'Down' buttons to adjust the time within 1-24 hours. The timer indicator will light up.
When the appliance is running, press the 'Timer' button to set the 'OFF' state. Use the 'Up' and 'Down' buttons to adjust the time within 1-24 hours. The timer indicator will light up.



CLEANING AND MAINTENANCE

DRAINAGE METHOD

This appliance is equipped with an automatic water vaporisation system. The condenser is cooled by the circulation of condensing water, which enhances cooling efficiency and saves energy.

• If the internal vessel becomes full of water, the display screen will show 'FL' and the compressor will automatically stop working. T o resolve this, turn off the unit, unscrew the water cover and pull out the water wedge to drain the water. After restarting the unit, it will return to normal operation.

MAINTENANCE

Note: To avoid an electric shock, turn off and unplug the appliance before maintenance and repairs.

CLEANING

• Unplug the appliance before cleaning. Wipe with a soft and damp cloth. Do not use benzene, alcohol, gasoline or other chemicals, as this could damage the appliance.

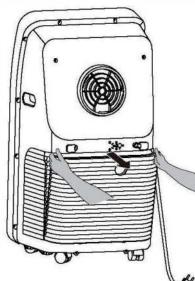
• Keep water out of this appliance.

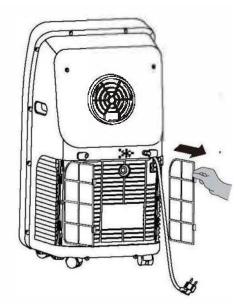
FILTER SCREEN

• Wash the filter screen once every two weeks. Dust accumulation can reduce the efficiency of the appliance.

• Remove the air inlet grille and pull out the filter screens on both sides, as shown in the provided figures.

• Place the filter screens in warm water (around 40°C) with a natural detergent. After cleaning, dry them in a shaded area.

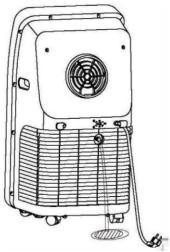




SEASONAL CLEANING

If the appliance is not used for long periods:

- Pull out the water wedge to drain.
- Run the appliance in fan mode for two hours until it is dry inside.
- Turn off and unplug the appliance.
- Wash the filter screen and reassemble it.
- Dismantle the exhaust duct and keep it safe.
- Cover the appliance with a plastic cover and store it in a dry location.



INTELLIGENT ERROR DETECTION

Error-detecting code	Multi-functional defection	
E1	Error of the coil's temperature sensor	
E2	Error of indoor temperature sensor	
E4	Anti-freezing protection: Temperature of the coil is too low, which means the appliance will automatically shut off. Once the temperature exceeds 8° C, the appliance will resume operating in its previous state.	

FUSE PARAMETERS

Specification:φ5x20mm Voltage: 250VAC Current: 3.15A

TROUBLESHOOTING

PROBLEM	CAUSE	SOLUTION
The appliance	It is not plugged in.	Ensure the appliance is
does not work.		plugged in.
	Il pannello del display mostra	Turn off and drain the
	'FL'.	appliance.
		Then, turn the appliance
		back on.
	The timer 'OFF' function has	The appliance can restart
	started.	three minutes after turning
		off.
The appliance	It is exposed to direct sunlight.	Draw the curtain
starts too frequently.	Doors and windows are open.	Close doors and windows.
	There are different heat	Remove any heat sources.
	sources in the room.	
	Filter screen is very dirty.	Clean or replace it.
	The air inlet or outlet is	Clear the air inlet or outlet.
	blocked.	
The appliance makes	The appliance is on an uneven	Ensure the appliance is on
loud noises.	surface.	firm and even ground.
The compressor doesn't	The delay protection has been	Wait for three minutes, then
work	activated.	turn it on once the
		temperature decreases.

Note: If problems continue to persist with your appliance, turn it off and unplug it. Contact customer service, its service agent or similarly qualified personnel for advice.

The above technical parameters are subject to change without notice.



Meaning of crossed-out wheeled dustbin:

Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities.

Contact you local government for information regarding the collection systems available.

If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being.

Before use

To prevent damage, place the unit in an upright position for at least 24 hours. Ensure the air outlet and inlet are not blocked, allowing proper airflow. Operate the unit on a stable and even surface to avoid water leakage.

Warnings

•Do not connect the appliance to a power supply with an impedance greater than 0.236 ohm. Exceeding this limit may result in restrictions imposed by the supply authority. Please consult your energy supply authority if the equipment exceeds this limit.

• Any person working on or accessing the refrigerant circuit must have a valid certificate from an industry-accredited assessment authority, which authorises their competence to handle refrigerants safely according to industry standards.

• Consider the environment when disposing of packaging materials and end of appliance life.

• Store the appliance in a well-ventilated area, with adequate room space as specified for operation.

- When storing the appliance, take precautions to prevent mechanical damage.
- When using refrigerant pipes, follow these steps:
- Minimise installation of refrigerant pipes

• Protect pipes from damage. Avoid installing in unventilated spaces, especially flammable refrigerants.

• Adhere to national gas regulations.

• Ensure mechanical connections are easily accessible for maintenance.

• For rooms containing appliances with flammable refrigerants, the minimum floor area must be specified.

- Keep required ventilation openings clear of obstructions.
- Perform servicing as recommended by the manufacturer.
- Ducts connected to the appliance must NOT have potential ignition sources.

• The fan can provide a minimum air volume of 100m3/h, even when the compressor is not operating due to the temperature controller.

• Do not pierce or burn the appliance.

• Only use recommended implements for defrosting or cleaning.

• Avoid pierce any components in the refrigerant circuit, as refrigerant gas may be odourless.

• Store the appliance carefully to prevent mechanical faults.

• Only authorised personnel certified in handling refrigerants can work on the refrigerant circuit.

• Conduct all repairs according to the manufacturer's recommendations.

• For maintenance and repairs involving inflammable refrigerants, seek the supervision of specialists.

Warning: For appliances with R290 refrigerant gas. Refer to the rating plate for the specific type of refrigerant gas used.



CAUTION! FIRE!

BEFORE USING THIS APPLIANCE, READ THIS MANUAL CAREFULLY.

R290 refrigerant gas complies with European environmental directives. This appliance contains approximately 245g of R290 refrigerant gas Appliance shall be installed, operated and stored in a room with a floor area larger than 11.8 m².

Instruction, Repairing Appliances Containing R 290

1. Checks to the area

ΕN

Prior to beginning work on systems containing flammable refrigerants, safety checks are necessary to ensure that the risk of ignition is minimized. For repair to the refrigerating system, the following precaution shall be completed prior to conducting work on the system.

2. Work procedure

To minimize the presence of flammable gas or vapor, work must be conducted following a controlled procedure.

General work area

All maintenance staff and personnel in the vicinity must receive instructions regarding the nature of the work being performed. Avoid working in confined spaces whenever possible.

4. Checking for presence of refrigerant

Before and during work, check the area with an appropriate refrigerant detector for potentially toxic or flammable atmospheres. Leak detection equipment must be suitable for

all refrigerants (e.g., non-sparking, properly sealed and intrinsically safe).

5. Presence of fire extinguisher

Before any hot work on the refrigerating equipment or associated parts, ensure that suitable fire extinguishing equipment is accessible. It is recommended to have a dry powder or C02 fire extinguisher near the charging area.

6.No ignition sources

Avoid using any sources of ignition, such as smoking, while working on the refrigeration system and exposing pipes. Keep potential ignition sources away from the installation, repair, removal and disposal areas where refrigerant can be released. Before starting work, check the equipment area for any flammable hazards or ignition risks. Display 'No Smoking' signs around the area.

7. Ventilated area

Before starting any work that involves breaking into the system or conducting hot work, make sure the area is either open or well-ventilated. Maintain adequate ventilation throughout the duration of the work. The ventilation system should effectively disperse any released refrigerant, preferably by expelling it externally into the atmosphere.

8. Checking refrigerating equipment

ΕN

When replacing electrical components, ensure they are suitable for the intended purpose and meet the correct specifications. Always adhere to the manufacturer's maintenance and service guidelines. If unsure, seek assistance from the manufacturer's technical department.

For systems using flammable refrigerants, the following checks should be conducted:

• Confirm that the refrigerant charge is appropriate for the size of the room where the refrigerant-containing parts are installed.

• Ensure the ventilation equipment and outlets are functioning properly and not obstructed.

• If an indirect refrigeration circuit is used, check for the presence of refrigerant in the secondary circuit.

• Ensure all signs on the equipment are visible and legible.

• Install refrigerating pipes or components in a location where they are unlikely to come into contact with corrosive substances, unless they are made of corrosion-resistant materials or adequately protected against corrosion.

9. Checking electrical devices

During repair and maintenance of electrical components, conduct safety checks and inspections. If a fault is found that could jeopardise safety, do not connect the electrical supply until the issue is resolved. If an immediate repair is not possible but the operation needs to continue, use a suitable temporary solution. Report this to the equipment owner for awareness.

Initial safety checks must include:

• Safety discharging capacitors to prevent sparks.

• Ensure that no live electrical components or wiring are exposed during charging, recovering or purging the system.

• Check for continuity of earth bonding.

10. When repairing sealed components:

• Disconnect all electrical supplies from the equipment before removing sealed covers.

• If it is necessary to have an electrical supply during servicing, use a permanently operating leak detection system at the most critical point to warn of potential hazards.

• Pay close attention to avoid altering the casing in a way that affects its level of protection. This includes avoiding damage to cables, excessive connections, non-original terminals, seal damage and incorrect fitting of glands.

• Ensure secure mounting of the apparatus.

• Verify that seals or sealing materials have not degraded to the point where they no longer prevent the entry of flammable atmospheres.

• Use replacement parts in accordance with the manufacturer's specifications.

11. For repairing intrinsically safe components:

• Do not apply permanent inductive or capacitance loads to the circuit without confirming that it does not exceed the allowed voltage and current for the equipment.

• Intrinsically safe components are the only ones that can be worked on while live in the presence of a flammable atmosphere.

• Ensure that the test apparatus has the correct rating.

• Only replace components with parts specified by the manufacturer, as using other parts may result in the ignition of refrigerant from a leak in the atmosphere.

14

12. Cabling:

• Check the cabling to ensure it is not exposed to conditions that could cause wear, corrosion, excessive pressure, vibration or other environmental impacts.

• Consider the effects of ageing and continuous vibration from sources like compressors or fans.

13. Detection of flammable refrigerants:

- Never use potential ignition sources when searching for refrigerant leaks.
- Avoid using a halide torch or any detector that involves a naked flame.

14. Removal and evacuation:

Follow standard procedures when accessing the refrigerant circuit for repairs or other purposes.

When dealing with flammable refrigerants, adhere to best practices due to their flammability. The following steps should be followed:

- Remove refrigerant.
- Purge the circuit with inert gas.
- Evacuate the circuit.
- Purge again with inert gas.

• Open the circuit through cutting or brazing.

Refrigerant charge should be recovered into appropriate recovery cylinders. For appliances with flammable refrigerants, the system needs to be purged with oxygen-free nitrogen to ensure safety.

This purging process may need to be repeated multiple times. Do not use compressed air or oxygen for purging refrigerant systems.

For appliances with flammable refrigerants, purging should involve breaking the vacuum in the system with oxygen-free nitrogen. Continue filling until reaching the desired working pressure, then vent to the atmosphere and subsequently evacuate the system to create a vacuum. Repeat this process until no refrigerant remains in the system. Before starting any brazing operations on the pipes, the system should be vented down to atmospheric pressure using the final charge of oxygen-free nitrogen

Make sure the vacuum pump outlet is located away from potential ignition sources and ensure proper ventilation is in place.

15. Charging procedures

In addition to standard charging procedures, it is important to follow these steps: • Take precautions to prevent contamination of different refrigerants when using charging equipment. Use short hoses or lines to minimise refrigerant volume retained in them.

• Store cylinders in the proper position as instructed.

• Make sure the refrigerating system is properly grounded before charging it with refrigerant.

• Label the system when charging is complete, if it hasn't been done already.

• Exercise extreme caution to avoid overfilling the refrigerating system.

Before recharging the system, perform a pressure test using the suitable purging gas. After charging is complete but before commissioning, conduct a leak test on the system. Also, remember to perform a final leak test before leaving the site.

16. Decommissioning

Before this procedure, the technician must know how to use the equipment properly. Recover refrigerants safely before starting. Take oil and refrigerant samples for analysis before reusing the recovered refrigerant. Ensure there is electricity available before starting. a) Get to know the equipment and how it works.

b) Turn off the electricity to the system.

c) Before starting, make sure you have the necessary equipment for handling refrigerant cylinders, personal protective equipment and supervision from a qualified person. Also, ensure the recovery equipment and cylinders meet the appropriate standards.

d) If possible, remove the refrigerant from the system.

e) If vacuuming is not possible, create a manifold to remove the refrigerant from different parts of the system.

f) Place the cylinder on a scale before starting the recovery process.

g) Start the recovery machine and follow the instructions.

h) Do not fill the cylinders with more than 80% of liquid refrigerant.

i) Never exceed the maximum working pressure of the cylinder.

 j) After filling the cylinders correctly and completing the process, promptly remove the cylinders and equipment from the site and close off any isolation valves.
 k) Before charging it into another refrigeration system, clean and check the recovered refrigerant.

17. Labelling

Ensure equipment is labelled as decommissioned and emptied of refrigerant. The label should have a date and signature. For equipment containing flammable refrigerants, there should be labels indicating that it contains flammable refrigerant.

18. Recovery

When removing refrigerant for servicing or decommissioning, take suitable safety measures.

Only use appropriate refrigerant recovery cylinders when transferring refrigerant. Ensure you have enough cylinders to hold the total system charge. The cylinders should be designated for recovered refrigerant and labelled accordingly. These cylinders should have a pressure-relief valve and working shut-off valves. Empty cylinders should be evacuated and cooled before recovery. The recovery must be in good working order and suitable for all appropriate refrigerants, including flammable ones if applicable. Ensure there are calibrated weighing scales available and in good condition. Before using the recovery machine, check that it is working properly and has been maintained well. Also, ensure all electrical components are sealed to prevent ignition in case of a refrigerant release. Contact the manufacturer if unsure.

Recovered refrigerant must be returned to the refrigerant supplier in the appropriate recovery cylinders. Make sure the relevant waste transfer note is arranged. Do not mix different refrigerants in recovery units or cylinders.

If compressors or compressor oils need removing, ensure they are properly evacuated to clear any remaining flammable refrigerant from the lubricant. This evacuation process must be done before returning the compressor to the suppliers. Only use electrical heating on the compressor body to speed up this process. Drain oil from the system in a safe manner.

Symbol	Note	Explanation
	WARNING	The appliance uses a flammable refrigerant. If the refrigerant leaks and is exposed to an external ignition source, it creates a fire risk.
	CAUTION	Indicates that the manual must be read carefully.
	CAUTION	Professional service personnel must handle the equipment, following this instruction manual.
	CAUTION	Indicates that there is additional information available, such as an instruction manual, that can provide further details or instructions.

_		
	US CA	Imported by Aosom LLC 27150 SW Kinsman Rd Wilsonville, OR 97070 USA MADE IN CHINA Imported by Aosom Canada Inc. 7270 Woodbine Avenue, Unit 307, Markham, Ontario Canada
		L3R 4B9 MADE IN CHINA
	UK	Importé par Aosom Canada Inc. 7270 Woodbine Avenue, unité 307, Markham, Ontario Canada L3R 4B9 Fabriqué en Chine
	FR	IMPORTER ADDRESS: MH STAR UK LTD Unit 27, Perivale Park, Horsenden Iane South Perivale, UB6 7RH MADE IN CHINA
		ADRESSE D'IMPORTATION: MH FRANCE 2 Rue Maurice Hartmann 92130 Issy Les Moulineaux France FABRIQUÉ EN CHINE
	ES	IMPORTADOR: SPANISH AOSOM, S.L. C/ROC GROS,N°15.08550, ELS HOSTALETS DE BALENYÀ, SPAIN. B66295775 WWW.AOSOM.ES ATENCIONCLIENTE@AOSOM.ES TEL: 931294512 HECHO EN CHINA
	PT	SPANISH AOSOM, S.L C.ROC GROS N.15, 08550. ELS HOSTALETS DE BALENYÀ TEL: 931294512 (SEG-SEX DAS 7:30H ÀS 16:30H) INFO@AOSOM.PT WWW.AOSOM.PT
	DE	ADRESSE DES IMPORTEURE: MH Handel GmbH Wendenstraße 309 D-20537 Hamburg Germany IN CHINA HERGESTELLT
	IT	IMPORTATO DA: AOSOM Italy srl Centro Direzionale Milanofiori Strada 1 Palazzo F1 20057 Assago (MI) P.I.: 08567220960 FATTO IN CINA