USER & INSTALLATION MANUAL

MITSWZ28EC

THROUGH THE WALL HEAT PUMP

Distributed by Mits Airconditioning Inc.

INVESTING IN QUALITY, RELIABILITY & PERFORMANCE.

ISO 9001 QUALITY

Every product is manufactured to meet the stringent requirements of the internationally recognized ISO 9001 standard for quality assurance in design, development and production.

ALWAYS MAKE SURE THAT THIS MANUAL REMAINS WITH THE MITSWZ28EC THROUGH THE WALL UNIT. READ THIS MANUAL BEFORE PERFORMING ANY OPERATION ON THE MITSWZ28EC THROUGH THE WALL UNIT.

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MITSWZ28EC THROUGH THE WALL UNIT

1. GENERAL INFORMATION

1.1 INTRODUCTION

PLEASE NOTE. Do not dispose of any packaging until installation of the unit is completed.

After having removed the packing, check that all the contents are intact and complete. See list of accessories. In the event of missing parts, contact your retailer.

This unit has been designed to heat or cool the air of a room and should only be used for this purpose.

The manufacture cannot be held liable for damage caused to property or injury to persons or animals due to incorrect installation, regulation and maintenance or improper use. This unit contains R410A refrigerant. At the end of its life, the disposal of this unit must be in accordance with the regulation governing the recycling of this product. Please contact your local authority for regulatory advice.

Do not switch on before having totally assembled the unit and before installing in its correct operating position.

Before starting the appliance, check that it is correctly earthed, according to the legislation in force in the country concerned.

1.2 IMPORTANT SAFETY INSTRUCTIONS

When using electrical appliances, basic safety precautions should always be followed:

Do not place objects on the product or allow objects to obstruct the inlet or outlet openings. Extreme care should be taken when any product is used by, or near children and pets, and whenever the product is left operating and unattended.

Please note:

Before operating the product remove the unit from its packaging and check it is in good condition.

Do not operate any product with a damaged cord or plug, or after the unit malfunctions, has been dropped, or damaged in any manner. Return the unit to an authorized service centre for examination and repair to avoid a hazard.

Do not attempt to repair or adjust any electrical or mechanical functions on this unit as this may void warranty, contact your service engineer.

Always operate the product from a power source of the same voltage, frequency and rating as indicated on the product identification plate.

This unit is not intended for use in wet or damp locations.

Do not place the unit near an open flame, cooking or heating appliance, or hot surface.

Do not let the power cord hang over the edge of a table or counter. Arrange the power cord away from an area where it may be tripped over.

Never place the power cord under a carpet or rug.

Do not operate the unit in areas where petrol, paint or other flammable liquids are used or stored.

Do not carry out any cleaning or maintenance or access internal parts until the unit has been disconnected from the mains electricity supply.

Do not alter the safety or regulating devices without the permission and instructions of the heat pump manufacturer.

Do not pull, remove or twist the electric cable connected to the unit, even if disconnected from the mains electricity supply.

Repair or maintenance work must be carried out by a service engineer or by qualified technicians in compliance with the instructions given in this booklet. Do not alter the appliance, since hazardous situations could be created while the manufacturer of the appliance will not be liable for any damage or injury caused.

This instruction booklet is an integral part of the appliance and should therefore be carefully preserved and always accompany the appliance in the event of transfer to another owner or another installation.

1. GENERAL INFORMATION

1.3 RECEIVING THE GOODS

The unit is delivered in a protective packaging and is accompanied by an instruction manual. This manual is an integral part of the unit and should therefore be carefully read and preserved. When the unit is unpacked, please check that the unit and accessory pack are complete and undamaged.

1.4 HANDLING

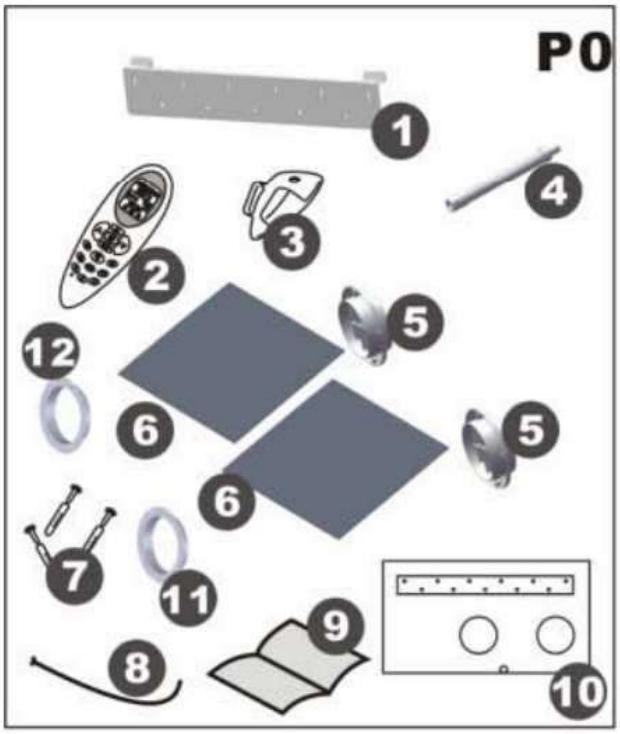
Be fully aware of the weight of the unit before attempting to lift it. Take all necessary precautions to avoid damaging the product or causing personal injury.

It is advisable to remove the packaging only when the unit has been located in the installation position.

Carefully remove the adhesive strips positioned on the unit.

Packaging components must be disposed correctly and not left within reach of children, since they are a potential source of danger.

1.5 LIST OF ACCESSORIES (P0)

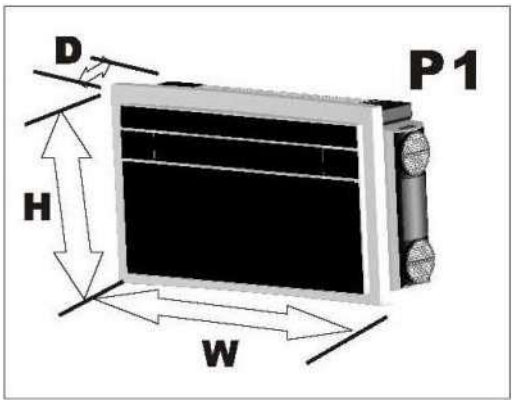


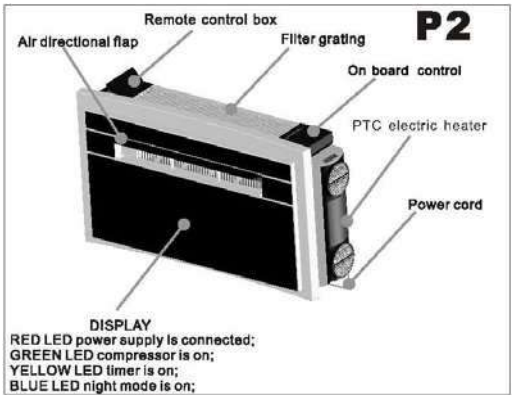
1. FASTENING BRACKET
2. REMOTE CONTROL
3. REMOTE CONTROL BRACKET
4. DRAINAGE PIPE
5. EXTERNAL GRILLES
6. PLASTIC SHEET FOR VENTILATION AIR
7. SCREWS KIT
8. GRATING FIXING CORD
9. INSTRUCTION MANUAL
10. INSTALLATION TEMPLATE FOR WALL DRILLING
11. 6.30in RING
12. 5.91in RING

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

Any batteries used in the remote control contain materials, which are hazardous to the environment. They must be removed from the remote control when they reach the end of their life and disposed of responsibly.

1.6 TECHNICAL FEATURES (P1, P2)





Model	MITSWZ28EC
Cooling capacity * (Btu/h)	9,900
Heating capacity * (Btu/h)	10,000
Electric heater capacity (Btu/h)	6,800
Power input in cooling (W)	885
Power input in heating (W)	830
Power input for Electric heater (W)	2,000
EER (Btu/W)	11.18
COP (Btu/Btu)	3.53
Air flow (ft^3/min)	265
Fan speed setting	3+Auto
Dehumidification capacity *(gal/h)	0.217
Noise level indoor dB(A)	48.2
Noise level outdoor dB(A)	58.1
Power supply (V/Ph/Hz)	208/230/ 1 / 60
Refrigerant type	R410A
Refrigerant charge (lb)	1.43
Dimension HxWxD (in)	22.83 x 43.11 x 9.65
Weight (lb)	114.64
Inlet/Outlet hole diameter (in)	6.38
Fresh air pipe diameter (in)	1.97

*The above data may be changed in order to improve performance

STANDARD TEST CONDITIONS

OPERATING CONDITIONS IN COOLING AND DEHUMIDIFICATION MODE

-Inside 80.6°F DB; 66.2°F WB

-Outside 95.0°F DB; 75.2°F WB

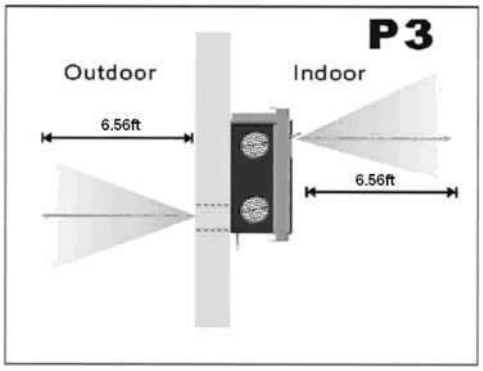
OPERATING CONDITIONS IN HEATING MODE

-Outside 44.6°F DB; 42.8°F WB

-Inside 68.0°F DB;

2. INSTALLATION

2.1 POSITIONING THE UNIT (P3)



To maintain the best performance from your unit, prevent breakdowns or hazards, you must position it correctly. Please follow the guidelines and instruction below in full, as failure to do so could cause potential installation problems.

--The unit must be installed on an exterior wall that has access to outside air with a minimum of 6.56 feet outside clearance.

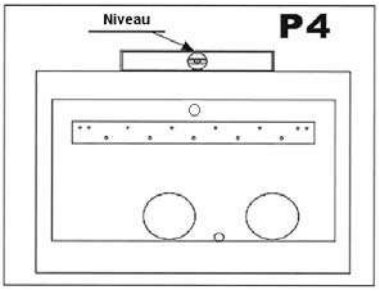
--The unit must be fitted leaving space around the unit as illustrated in the installation template.

--The wall on which the unit is installed must be sturdy and able to withstand the weight of the unit.

After determining the best place for installation as described above, please check to ensure that the wall can be drilled in the chosen area without interfering with other structures or installations (beams, piers, pipes, wires, etc.).

Please also ensure that there are no obstacles on the outside of the wall, which may obstruct air circulation through the drilled holes, for example: plants and their leaves, slats or paneling, drain pipes, overflows and gratings, etc.). Any obstruction could interfere with the correct performances of the unit.

2.2 PAPER TEMPLATE (P4)

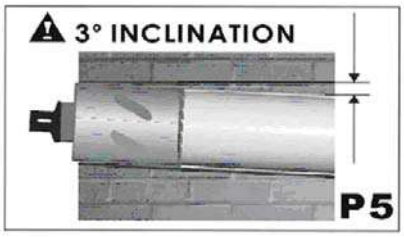


Fasten the template to the wall once the following guidelines have been checked.

--Do not drill any holes until you are completely confident that there are no obstacles in the area you wish to drill and there are no obstructions, which could be hidden by the construction of the wall, for example: electrical wiring water, gas pipes or supporting lintels or beams.

--Ensure that a level is used, as the unit must be level.

2.3 DRILLING THE WALL (P5)



Please note: If you are drilling the hole above ground floor level, please ensure while the holes are drilled the outside area is supervised, until drilling has been completed.

INTAKE AND OUTLET HOLES

This operation should be carried out using the proper tools (diamond tip or core borers drills with high twisting torque and adjustable rotation speed).

--Fasten the template to the wall taking care to check the distance from the floor or ceiling and keep it horizontal by using a level.

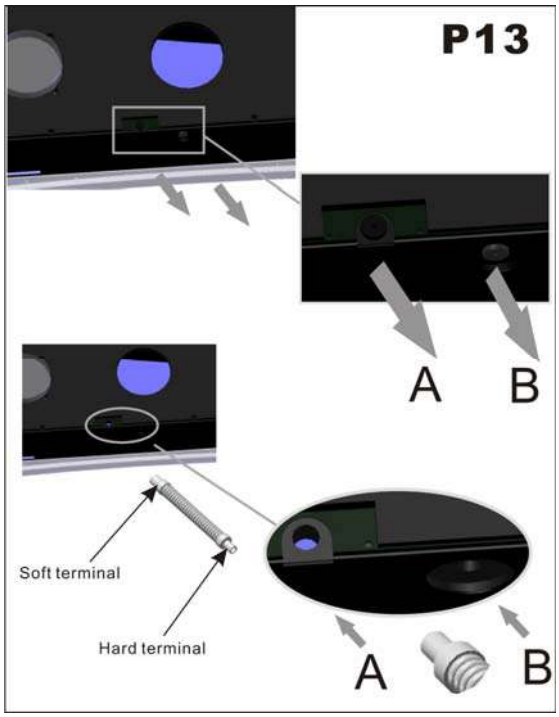
--Use a pilot drill to mark the centre of each core hole to be drilled.

--Use a core boring head having a diameter of 6.38in to drill the two holes for intake and outlet the air.

It is recommended that the holes must have a slightly downward inclination of 3-5 degree to prevent any backflow of water from the pipes.

2. INSTALLATION

DRAINAGE HOLE (P13)



This unit has a double system to drain the condensate moisture automatically. Before installing the unit choose which is the suitable system for your installation. Please read carefully the following instruction.

There are 2 drainage hole on the MITSWZ 28EC unit, one is vertical to the floor which is named “A” and the other one is horizontal to the floor which is named “B” as shown in P13.

System “A”: drill a hole through the wall measuring 1.2 inches in diameter in the position shown in the paper template. Drainage occurs by gravity. **For this reason, it is essential for the drain line to have a minimum downward inclination of at least 3 degree throughout its length:** connect the drain pipe (from soft terminal) to the unit (hole “A”) after unplugging the black rubber cap (see picture P13). With this solution, you can drain the condensate moisture to a suitable place and not cause any problems to your neighbours.

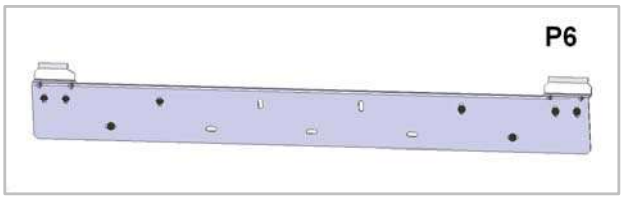
If system “A” has been used, please do not unplug the black rubber cap for drainage hole “B”.

System “B”: In case of it not being possible to install the drainage pipe as shown in “A” system, please use system “B”. Drainage occurs to indoor. Unplugging the black rubber cap of system “B” (see picture P13),

Connect the drain pipe (from soft terminal) to the unit hole “B” after unplugging the black rubber cap. Place the hard terminal into a water tank.

If system “B” has been used, please do not unplug the black rubber cap for drainage hole “A”.

2.4 FASTENING THE BRACKET (P6)

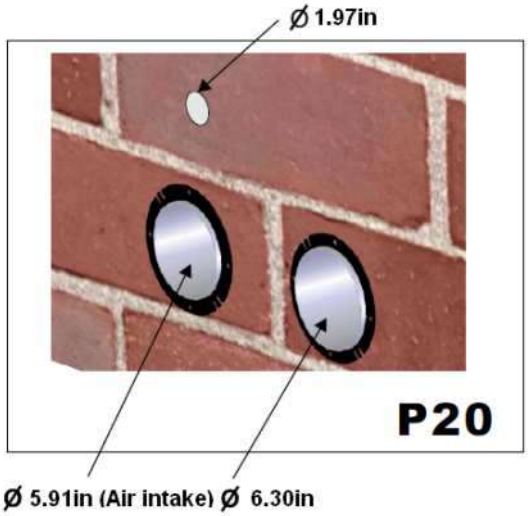


--Drill the holes for anchoring the fastening bracket to the wall using the 6 holes shown in black on the paper template. If the wall is not sturdy enough, it is advisable to use extra anchor bolts using the holes shown in grey on the paper template.

--The anchor bolts provided require 0.31in holes, the wall should be inspected to determine if provided bolts are useful or if it is necessary to use a different anchorage. The manufacture is not liable in case of underestimation of the structural consistency of the anchorage made at the time of installation.

2. INSTALLATION

2.5 INSTALLATION OF THE PIPES (P20)



--After drilling the holes, cut the plastic sheet which is supplied with the unit and roll into the plastic pipes. Tape the edges of the pipe and they are ready to be fitted.

--The pipe with a diameter of 6.30 in has to be fitted in the right hole. The length of the pipes should be same as the depth of the wall plus 0.39 in. Remember that the installation must have the same inclination as the hole (minimum 3 degrees).

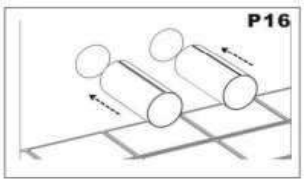
--The tube diameter is nearly the same as the 6.38 in nominal diameter core drill therefore you may need to slightly force the introduction of the pipe using, in difficult cases, a normal rubber hammer and a small piece of timber to gently tap the tube into the hole.

--Please use the same instructions to fit the left hand tube using the supplied sheets. Ensure the sheet rolls to a diameter of 5.91 in. The tube diameter is slightly smaller than that carried out using the 6.38 in nominal diameter core drill.

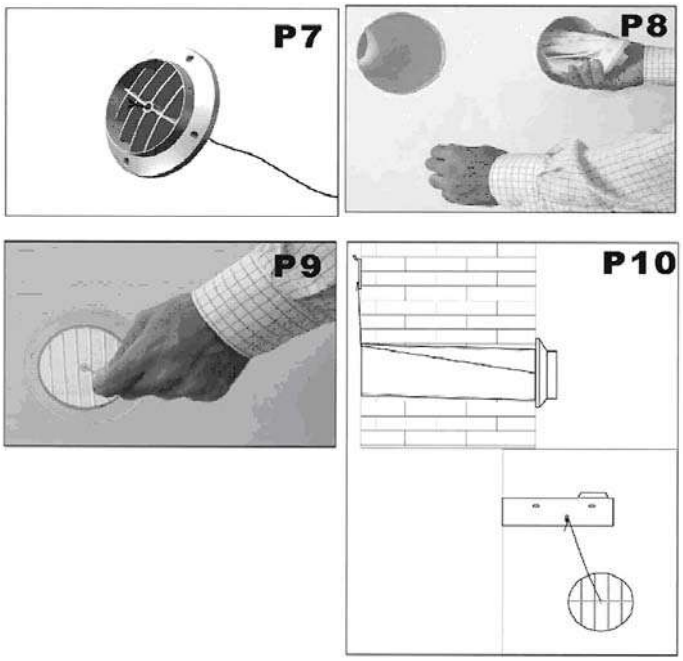
--Insert the 5.91 in ring into the space between the wall and pipe sheet.

-- Insert the fresh air pipe (1.97 in diameter) into the Φ2.05 in hole.

--Center the pipes into the holes in the wall and insulate and seal their perimeters to prevent air and humidity infiltration using polyurethane foam and using plaster for finishing the inside wall.



2.6 FITTING THE GRATINGS (P7, P8, P9, P10)

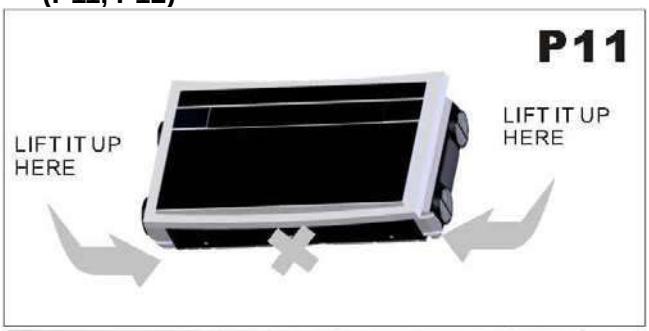


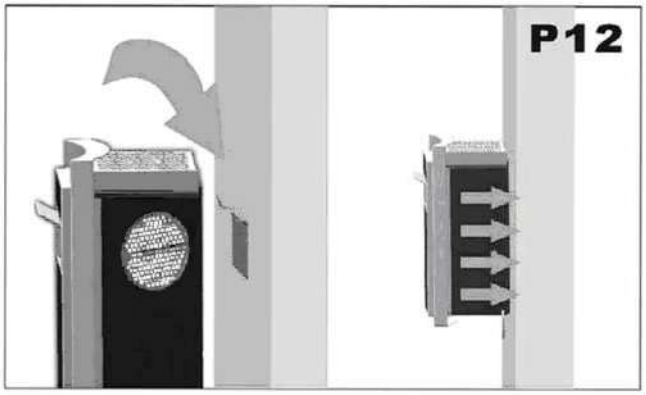
To fit the external two gratings, please proceed as followings: familiarise yourself with the fitting of the grating to the tube before installation. Insert the cords through the centre of the grating. One grating fits on the outside of the tube and the other fits inside. The air discharge is the bigger hole and the grating therefore fits on the outside of the air discharge tube. Insert the supplied cord into the hole. Fold the outer grating in half grasping the cord with your free hand. Insert your arm inside the pipe with the grating and push all the way to the outside. Let the grating unfold and pull the cord toward you. One grating fits on the outside of the tube and the other fits inside. With a little patience and manipulation, the 2 gratings will fit the end of the tubes. Grasping the cord, insert your fingers between the fins and pull the grating toward you until it is properly fitted to the pipe, keeping the fins in vertical position.

If the external grating is accessible, to prevent its removal, it is recommended to fasten it to the wall with wall plugs and screws with a diameter of 0.24in. Tighten the cord and fasten it to the dent on the internal flanges.

2. INSTALLATION

2.7 FITTING THE UNIT ON THE BRACKET (P11, P12)





After checking again that the fastening bracket is securely fastened to the wall, and that any necessary preparations for electric connection and condensate drainage have been made, fasten the unit to its supporting bracket. Lift up by holding the sides at the bottom. Tilt the unit slightly toward you to facilitate the operation of fastening it to the bracket. The unit can now be pushed firmly against the wall. Inspect carefully the installation to make sure that the insulated back panel fits firmly against the wall, there are no fissures at the back of the unit and that the two plastic semicircles on the back side of the unit are placed inside of the two plastic pipes fixed inside the wall.

The unit shall not be installed inside a laundry room.

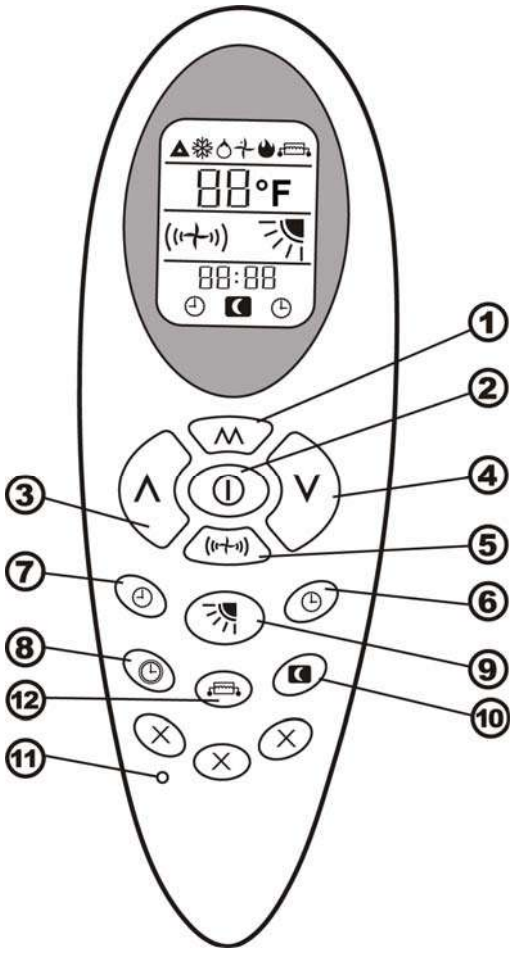
The unit must be positioned so that the plug is accessible.

The unit shall be installed in accordance with national wiring regulations.

3. USE AND MAINTENANCE

3.1 INTRODUCTION OF LCD ICONS

Icons	Meaning	Icons	Meaning
	Auto		Fan speed
	Cooling		Airflow direction
	DRY		Timer off
	Fan		Timer on
	Heating		Sleep
	Clock		Not used
	Super Heating Mode		TEMP



3.2 REMOTE CONTROL FUNCTIONS

1. MODE BUTTON: Select the operating mode

2. ON/OFF BUTTON: Turn on or turn off the unit

3. UP BUTTON: Increase the temperature or time

4. DOWN BUTTON: Decrease the temperature or time

5. FAN SPEED BUTTON: Select the fan speed

6. TIMER ON BUTTON: Select the time the unit starts

7. TIMER OFF BUTTON: Select the time the unit stops

8. CLOCK BUTTON: Adjust the clock

9. LOUVER SWING BUTTON: Adjust the airflow direction

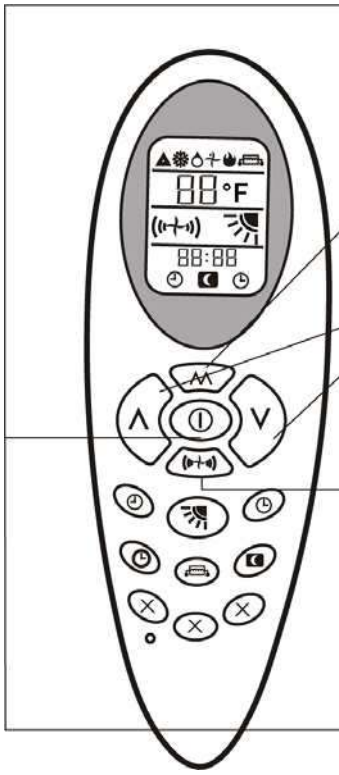
10. SLEEP BUTTON: Automatically adjusts the setting temperature according to the circadian rule.

11. RESET BUTTON

12. SUPER HEATING MODE BUTTON: Switch on **Super Heating Mode** (manual mode) to boost heating performances when outdoor temperatures are below 41°F.

3. USE AND MAINTENANCE

3.3 Heating mode

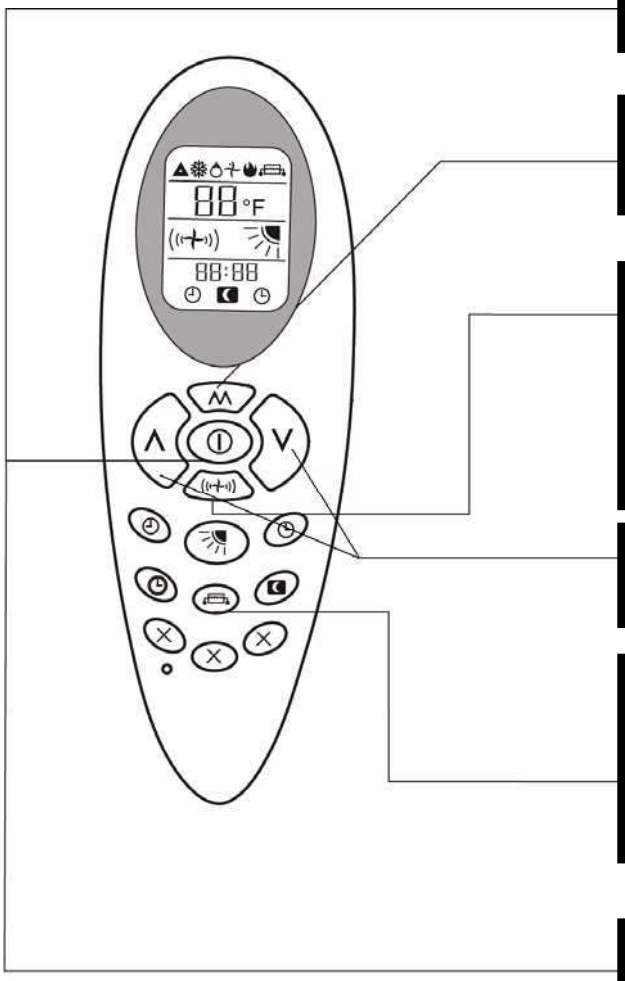


Sequence of operations

1. Press the **ON/OFF** button " ⏻ ", to switch on the unit. It will run in memory mode.
2. Press the **MODE** button " ᴧᴧ ",to select heat mode "🔥". The unit will heat.
3. Press **UP** " ∧ " or **DOWN** " ∨ " button, to select the desired temperature.
4. Press the **FAN SPEED** button "((•—•))", to select the fan speed; (•—•) is low speed, ((•—•)) is middle speed, ((•—•)) is high speed, ((•—•)) (flashing) is auto speed. For auto fan, the speed is chosen automatically by the difference between room temperature and setting temperature.
5. Press the **ON/OFF** button " ⏻ ", to switch off the unit.

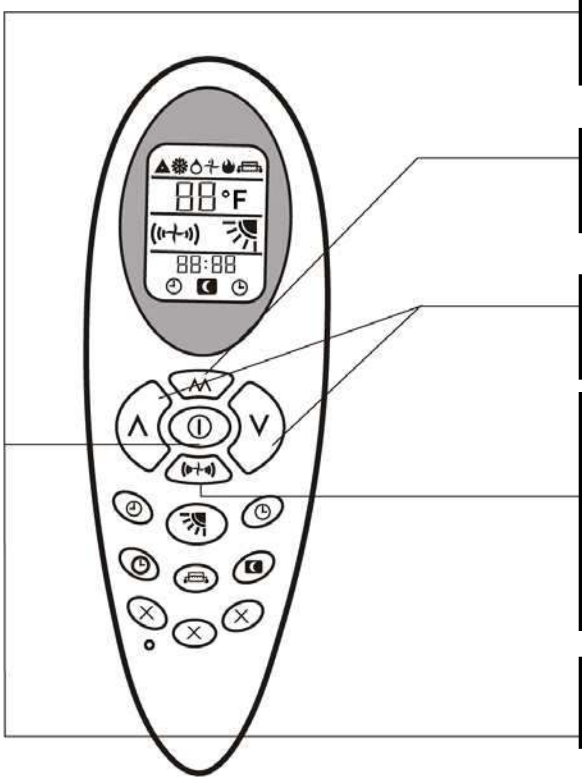
3.4 Super heating mode

Sequence of operations



1. Press the **ON/OFF** button " ⏻ ", to switch on the unit. It will run in memory mode.
2. Press the **MODE** button " ᴧᴧ ",to select heat mode "🔥". The unit will heat.
3. Press the **FAN SPEED** button "((⊢))", to select the fan speed; (⊢) is low speed, ((⊢)) is middle speed, ((⊢)) is high speed, ((⊢)) (flashing) is auto speed. For auto fan, the speed is chosen automatically by the difference between room temperature and setting temperature.
4. Press **UP** " ∧ " or **DOWN** " ∨ " button, to select the desired temperature
5. Press the **SUPER HEATING MODE** button "▭" to switch on the **SUPER HEATING** system. Check to make sure the "▭" icon is showing on the remote handset LCD screen to indicate **SUPER HEATNG MODE** is ON.
6. Press the **ON/OFF** button " ⏻ ", to switch off the unit.

3.5 Cooling mode



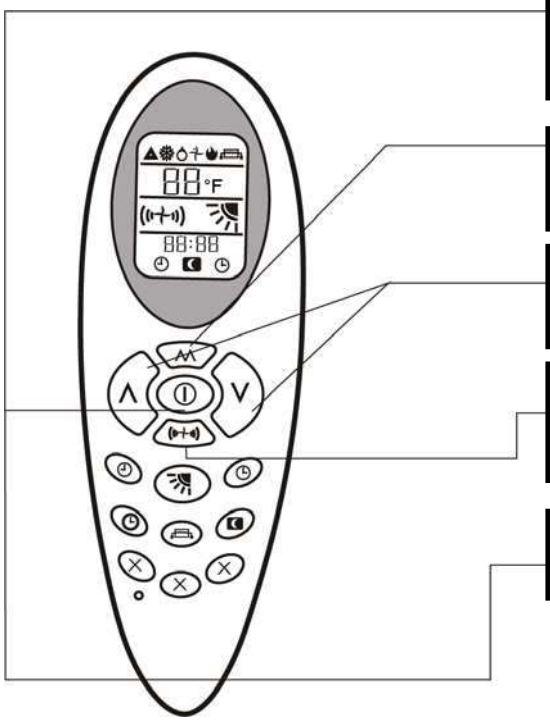
Sequence of operations

1	Press the **ON/OFF** button “ ⏻ “, to switch on the unit. It will run in memory mode.
2	Press the **MODE** button “ ”, to select cool mode “❄ “. The unit will cool.
3	Press **UP** ”∧ “ or **DOWN** “∨ ” button, to select the desired temperature.
4	Press the **FAN SPEED** button “ ”, set up the fan speed; is low speed, is middle speed, is high speed, (flashing) is auto speed. For auto fan, the speed is chosen automatically by the difference between room temperature and setting temperature.
5	Press the **ON/OFF** button “ ⏻ ”, to switch off the unit.

3. USE AND MAINTENANCE

3.6 Dry mode

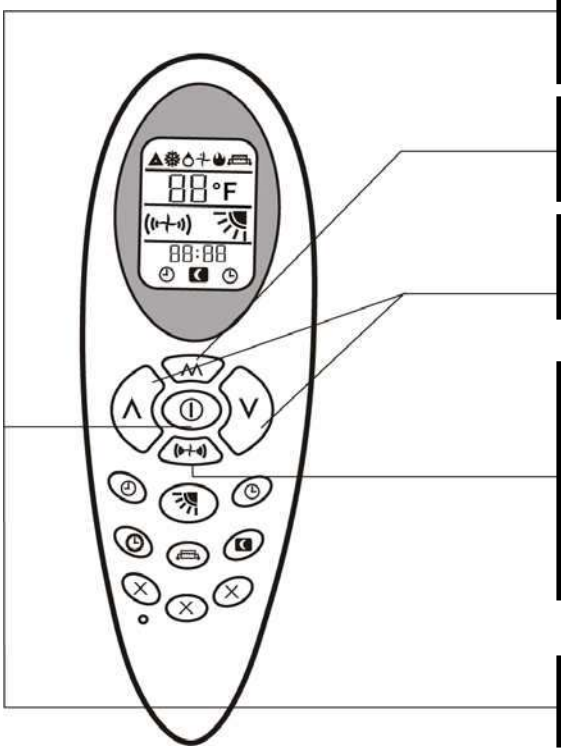
Sequence of operations



1. Press the **ON/OFF** button " ⏻ ", to switch on the unit. It will run in memory mode.
2. Press the **MODE** button " ᴧᴧ ",to select dry mode " 💧 ". The unit will dehumidify.
3. Press **UP** " ∧ " or **DOWN** " ∨ " button, to select the desired temperature.
4. **FAN SPEED** button " (((•))) " is disabled. Indoor fan speed is always low in dry mode " (•) ".
5. Press the **ON/OFF** button " ⏻ ", to switch off the unit.

3.7 Fan mode

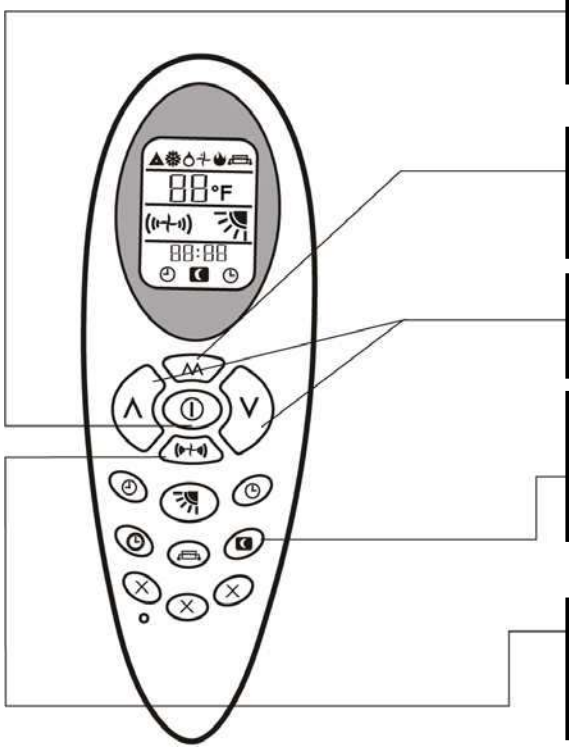
Sequence of operations



1. Press the **ON/OFF** button " ⏻ ", to switch on the unit. It will run in memory mode.
2. Press the **MODE** button " ᴧᴧ ",to select fan mode " ✳ ". The unit will run in fan.
3. Press **UP** " ∧ " or **DOWN** " ∨ " button, to select the desired temperature.
4. Press the **FAN SPEED** button "(((•)))", to select the fan speed; (•) is low speed, ((•)) is middle speed, (((•))) is high speed, ((((•)))) (flashing) is auto speed. For auto fan, the speed is chosen automatically by the difference between room temperature and setting temperature.
5. Press the **ON/OFF** button " ⏻ ", to switch off the unit.

3. USE AND MAINTENANCE

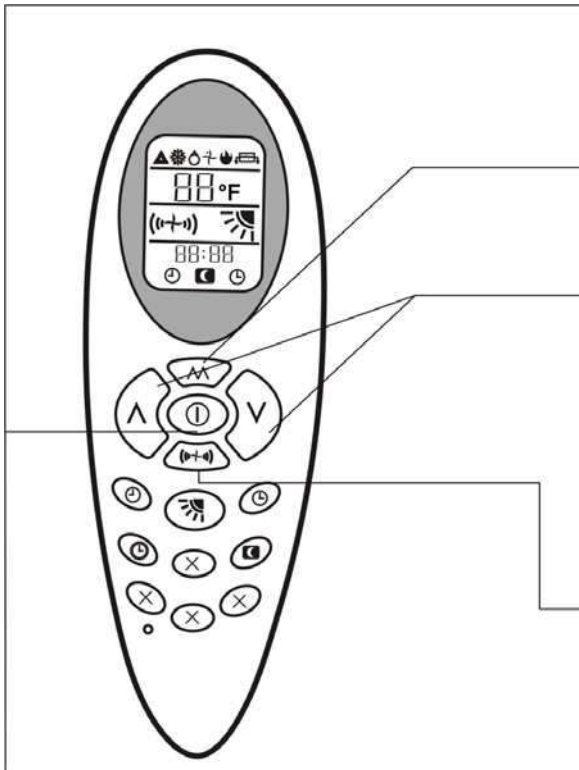
3.8 Sleep mode



Sequence of operations

1. Press the **ON/OFF** button " ⏻ ", to switch on the unit. It will run in memory mode.
2. Press the **MODE** button " ⋀⋀ ",to select cool mode "❄"/ heat mode "🔥" or auto mode " ⚠ ". The unit will run in the set mode.
3. Press **UP** " ∧ " or **DOWN** " ∨ " button, to select the desired temperature.
4. Press the **SLEEP** button " ☾ ", to select sleep function. This icon will display on LCD. Press it again to cancel the sleep function.
5. If the sleep function is launched, the fan speed is automatically set in low speed.

3.9 Auto mode

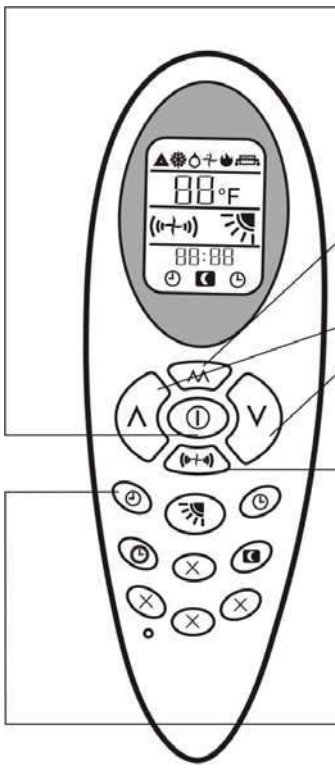


Sequence of operations

1. Press the **ON/OFF** button " ⏻ ", to switch on the unit. It will run in memory mode.
2. Press the **MODE** button " ⋀⋀ ",to select auto mode " ⚠ ". The unit will run in auto mode.
3. Temperature setting buttons **UP** " ∧ " and **DOWN** " ∨ " are disabled. The operation mode (cool, heat, fan, dry) is chosen automatically by the difference between room temperature and setting temperature.
4. Press the **FAN SPEED** button "((-))", to select the fan speed; (-) is low speed, ((-)) is middle speed, ((-)) is high speed, ((-)) (flashing) is auto speed. For auto fan, the speed is chosen automatically by the difference between room temperature and setting temperature.
5. Press the **ON/OFF** button " ⏻ ", to switch off the unit.

3. USE AND MAINTENANCE

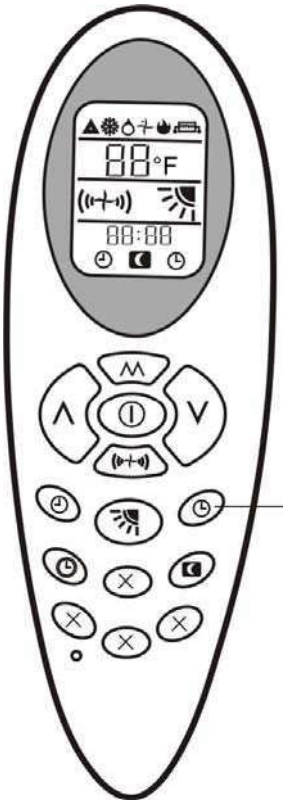
3.10 Timer off function



Sequence of operations

1. Press the **ON/OFF** button " ⏻ ", to switch on the unit. It will run in memory mode.
2. Press the **MODE** button " ᴍ ", to select the desired mode.
3. Press **UP** " ∧ " or **DOWN** " ∨ " button, to select the desired temperature
4. Press the **FAN SPEED** button "((•))", to select the fan speed; ((•)) is low speed, ((•)) is middle speed, ((•)) is high speed, ((•)) (flashing) is auto speed. For auto fan, the speed is chosen automatically by the difference between room temperature and setting temperature.
5. Press the **TIMER OFF** button "🕘", to select the time to switch off the unit. Press the button "∧" to adjust up 1 hour. Press the button "∨" to adjust up 1 minute. When the time is over, the unit will switch off automatically. Press this button again to cancel **TIMER OFF** setting.

3.11 Timer on function

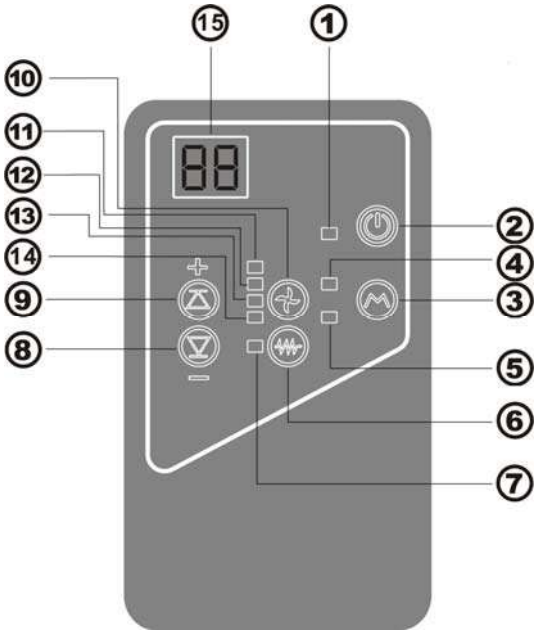


Sequence of operations

1. The unit is switched off.
2. Press the **TIMER ON** button "🕘", to select the time to switch on the unit. Press the button "∧" to adjust up 1 hour. Press the button "∨" to adjust up 1 minute. Set up the operation **MODE, TEMPERATURE, FAN SPEED**, etc. When the time arrives, the unit will start automatically. Press this button again to cancel **TIMER ON** setting.

3. USE AND MAINTENANCE

3.12 On board control function



1) Running LED: Indicate the working status of the compressor

2) On/Off button: Switch on/off the unit

3) Mode button: Select the desired mode – heating/cooling/dry/auto

4) Cooling LED: Indicate the cooling status

5) Heating LED: Indicate the heating status

6) Super Heating Mode button: Switch ON/OFF Super Heating Mode (manual mode)

7) Super Heating Mode LED: Indicate the Super Heating Mode is ON or OFF.

8) Down button: Reduce the set temperature.

9) Up button: Increase the set temperature.

10) Fan speed button: Select the desired fan speed – low/medium/high/auto.

11) Auto fan speed LED: Indicate the auto fan speed status.

12) Low fan speed LED: Indicate the low fan speed status.

13) Medium fan speed LED: Indicate the medium fan speed status.

14) High fan speed LED: Indicate the high fan speed status.

15) Temperature display window: The window will show both the set temperature and room temperature. When a temperature is set, it will show on the display 15 seconds with flashing. Following that, room temperature will be shown on the display for 70 seconds and finally, the display will be off.

3. USE AND MAINTENANCE

3.13 Heating Mode and Super Heating Mode

This unit is an integrated heater with the ability to produce heat even at very low outdoor temperatures.

There are two heating modes which should be used according to different outdoor temperatures:

***STANDARD HEATING MODE (outdoor temperature above 41°F)**

*** SUPER HEATING MODE (outdoor temperature below 41°F)**

The amount of energy used by the machine depends on which mode is in use. Therefore users are advised to read the following guide carefully and select the correct operating mode for the correct outdoor temperature condition.

A. STANDARD HEATING MODE

SEASONS: Late Spring / Summer / Early Autumn

SUITABLE FOR OUTDOOR TEMPERATURE: above 41°F

INSTRUCTIONS: 1. Onboard control console usage instructions - see page 15 point 4).

2. Remote handset control usage instructions – see page 9 section 3.3.

B. SUPER HEATING MODE

SEASONS: Late Autumn / Winter / Early Spring

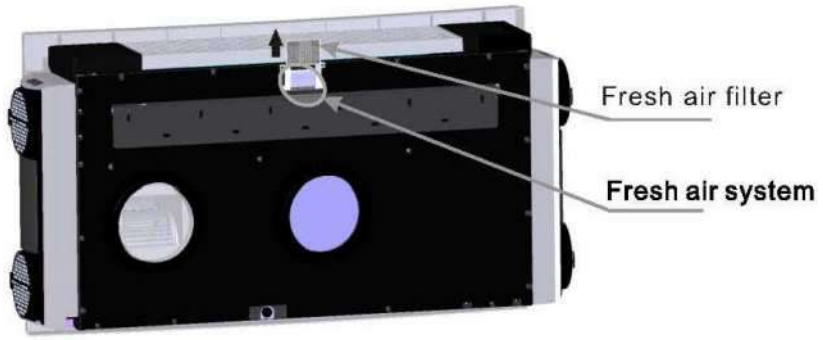
SUITABLE FOR OUTDOOR TEMPERATURE: below 41°F

INSTRUCTIONS: 1. Onboard control console usage instructions - see page 15 point 7) & 8)

2. Remote handset control usage instructions – see page 10 section 3.4.

3. USE AND MAINTENANCE

3.14 Fresh air system



There is fresh air system in the back of the unit. On the wall, the fresh air hole would be 1.97in accordingly. The unit will change the room air automatically, in this way new clean and fresh air will intake to the room.

When using fresh air, the unit performance would be lower.

The filter should be cleaned regularly to keep the fresh air flowing smoothly . Take out the filter as the indicated , wash it (do not use hot water) and only when it is dried replace it in the same way . ATTENTION: Do not use the unit without the filter.

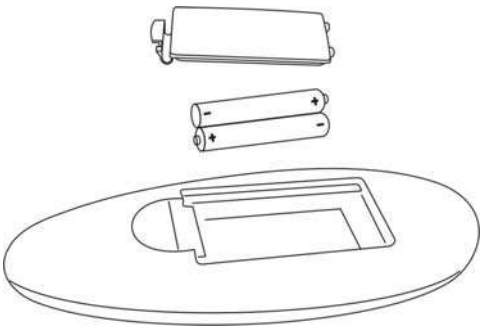
3.15 Installation and changing batteries

--Open the battery cover, hold the hook and lightly pull up.

--Insert 2 x AAA batteries with the positive (+) the same as the mark on the plastic surface.

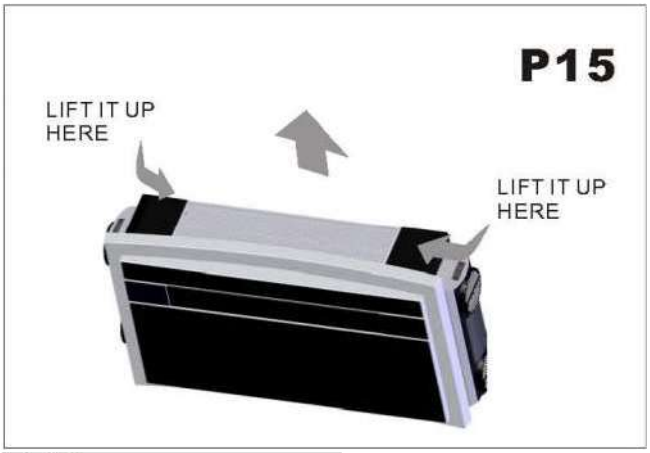
--Reinstall the cover of battery.

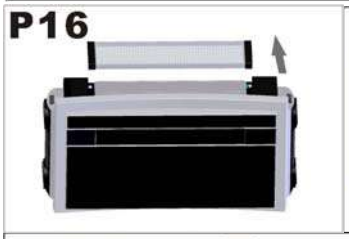
--Testing: Press the **ON/OFF** button " ⏻ ". If no icons are displayed, please install the batteries again.

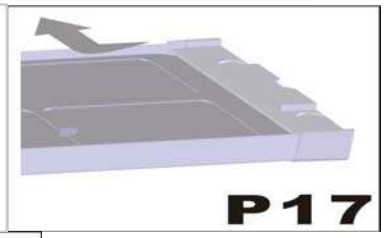


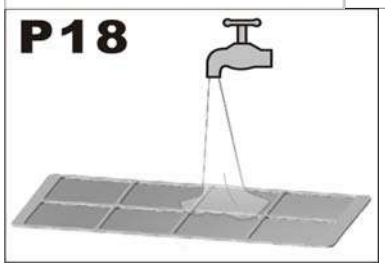
3. USE AND MAINTENANCE

3.16 MAINTENANCE (P15, P16, P17, P18)









Filter cleaning:

The filters should be regularly cleaned to keep the unit running efficiently. Clean the filters every two weeks.

How to proceed:

--Disconnect the unit from the electrical supply.

--Extract the filter grating (P15) in the same direction as the arrow. Remove the filter along the slot as shown on P17. Proceed to wash them (do not use hot water) and only when are dried replace them in the same way.

ATTENTION: Do not use the unit without filters as it could seriously damage the unit.

External cleaning:

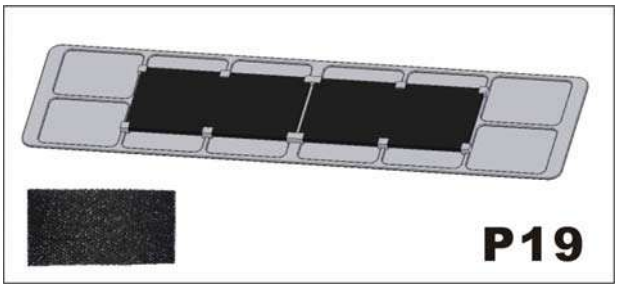
--Disconnect the unit from the electrical supply.

--Wipe external surfaces clean with a damp cloth.

--Do not use an abrasive cloth and/or solvents, as this may damage the surfaces.

--Do not use excessively wet cloth or sponges, as water stagnation could damage the unit and compromise safety.

ACTIVATED CARBON FILTER (P19)



The unit includes activated carbon filter, which not only has the function of eliminating suspended particles the standard filter has, but also eliminates smaller particles such as free chlorine, odors, colors and toxic particles that are too small to filter out by using standard filter.

The activated carbon filter should be changed every three months depends on the indoor air quality. It is not possible to wash or clean them.

3. USE AND MAINTENANCE

3.17 PROBLEM SOLVING

PROBLEM POSSIBLE CAUSES

--The unit does not work.
--The unit does not heat or cool the room
--Strange smell in the room. Water drips from the unit.
--The remote control does not work.
--The unit does not work for 3 minutes when switched on.

POSSILE SOLUTIONS

1. Wrong setting of the Timer / Check it.
2. Problems on the power supply / Call the service center.
3. The filter could be dirty / Clean it.
4. The room temperature is too high / Wait until the temperature goes down.
5. The temperature is not properly set / Check it.
6. The grids could be obstructed / Check and remove the eventual obstacles.

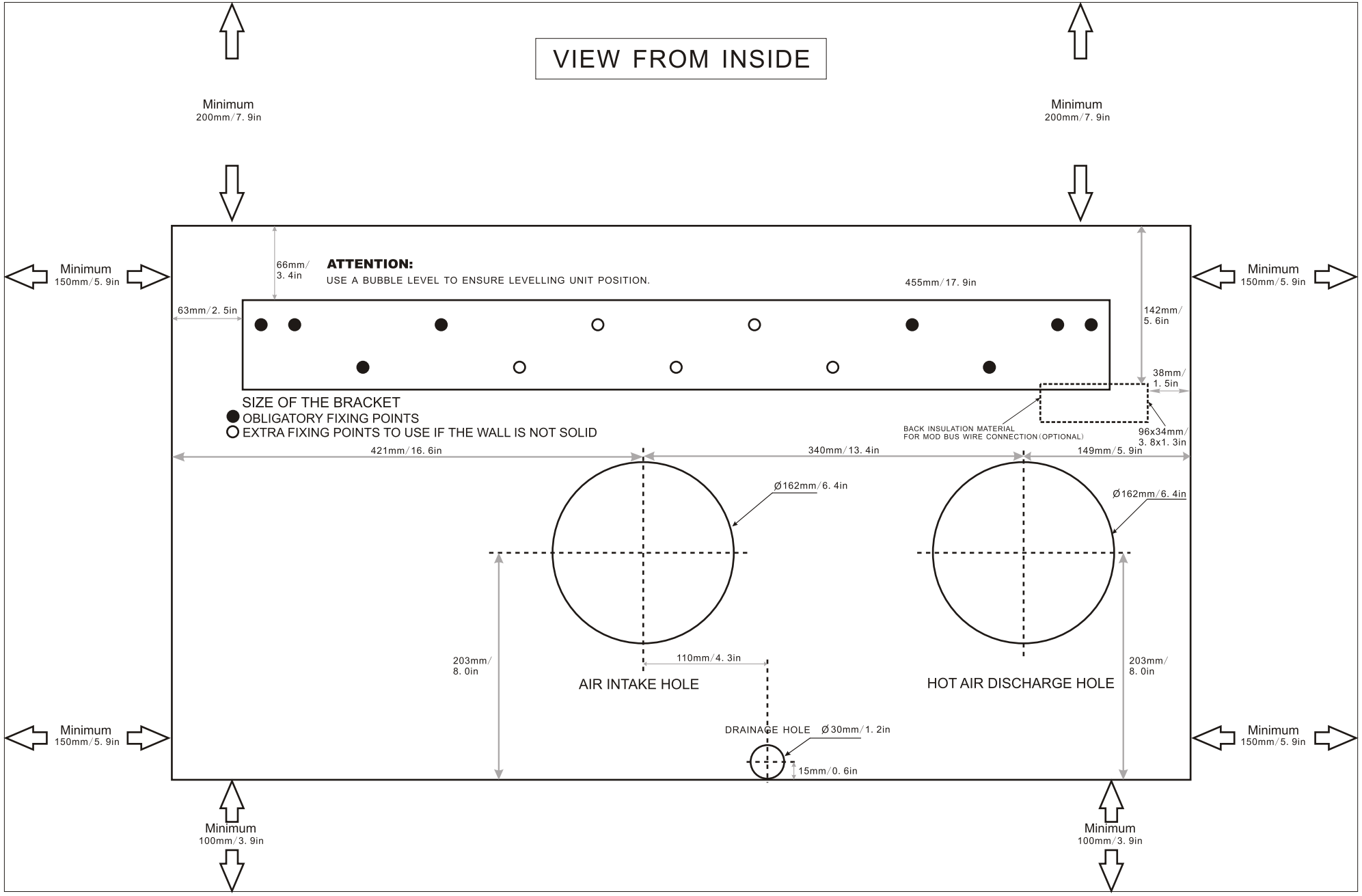
--Dampness in the room, coming from walls, carpets, furnishing or similar
--Wrong installation of the unit.
--Wrong connection of the drainage pipe.
--Exhausted batteries.
--Wrong insertion of the batteries inside the remote control
--Protection of the compressor. Wait for 3 minutes and the unit will start to work.

If the supply cord damaged, it must be replaced by manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.

The max operation temperature for the unit **(max cooling :** outdoor DB 109.4°F/ WB 78.8°F, indoor DB 89.6°F / WB 73.4°F; min heating : outdoor DB 23.0°F / WB 21.2°F, indoor DB 68.0°F)

This unit 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 use of the unit by a person responsible for their safety.
Children should be supervised to ensure that they do not play with the unit.

All electrical and electronic products should be disposed of separately from the municipal waste stream via specific collection facilities designated by the government or the local authorities. For more detailed information about disposal of your old unit, please contact your municipality, the waste disposal service or the shop where you purchased the product.


VIEW FROM INSIDE
Minimum
200mm/7. 9in
Minimum
200mm/7. 9in
Minimum
150mm/5. 9in
Minimum
150mm/5. 9in
66mm/
3. 4in
ATTENTION:
USE A BUBBLE LEVEL TO ENSURE LEVELLING UNIT POSITION.
455mm/17. 9in
63mm/2. 5in
142mm/
5. 6in
38mm/
1. 5in
SIZE OF THE BRACKET
OBLIGATORY FIXING POINTS
EXTRA FIXING POINTS TO USE IF THE WALL IS NOT SOLID
BACK INSULATION MATERIAL
FOR MOD BUS WIRE CONNECTION(OPTIONAL)
96x34mm/
3. 8x1. 3in
421mm/16. 6in
340mm/13. 4in
149mm/5. 9in
Ø162mm/6. 4in
Ø162mm/6. 4in
203mm/
8. 0in
110mm/4. 3in
AIR INTAKE HOLE
HOT AIR DISCHARGE HOLE
203mm/
8. 0in
DRAINAGE HOLE Ø30mm/1. 2in
15mm/0. 6in
Minimum
150mm/5. 9in
Minimum
150mm/5. 9in
Minimum
100mm/3. 9in
Minimum
100mm/3. 9in