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You can read the recommendations in the user guide, the technical guide or the installation guide for HAIER HFU-12H03/R2. You'll find the answers to all your questions on the HAIER HFU-12H03/R2 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

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OPERATING MANUAL
MANUAL DE FUNCIONAMIENTO

ROOM AIR CONDITIONER
WALL MOUNTED TYPE

HFU-09HA03(B)/R1
HFU-12HA03(B)/R1
HFU-09H03/R2(DB)
HFU-12H03/R2(DB)

- Please read this operation manual before using the air conditioner.
- Keep this operation manual for future reference.

No. 0010552506

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Manual abstract:

Safety Instructions and Warnings Before starting the air conditioner, read the information given in the User's Guide carefully. The User's Guide contains very important observations relating to the assembly, operation and maintenance of the air conditioner. The manufacturer does not accept responsibility for any damages that may arise due to non-observation of the following instruction. Damaged air conditioners are not to be put into operation. In case of doubt, consult your supplier. Use of the air conditioner is to be carried out in strict compliance with the relative instructions set forth in the User's Guide. Installation shall be done by professional people, don't install unit by yourself. For the purpose of the safety,the air conditioner must be properly grounded in accordance with specifications. Always remember to unplug the air conditioner before openning inlet grill. Never unplug your air conditioner by pulling on the power cord.

Always grip plug firmly and pull straight out from the outlet. All electrical repairs must be carried out by qualified electricians. Inadequate repairs may result in a major source of danger for the user of the air conditioner. Do not damage any parts of the air conditioner that carry refrigerant by piercing or performating the air conditioner's tubes with sharp or pointed items, crushing or twisting any tubes, or scraping the coatings off the surfaces. If the refrigerant spurts out and gets into eyes, it may result in serious eye injuries.

Disposal of the packaging of your new air conditioner All the packaging materials employed in the package of your new air conditioner may be disposed without any danger to the environment. The cardboard box may be broken or cut into smaller pieces and given to a waste paper disposal service. The wrapping bag made of polyethylene and the polyethylene foam pads All these valuable materials may be taken to a waste collecting center and used again after adequate recycling. Consult your local authorities for the name and address of the waste materials collecting centers and waste paper disposal services nearest to your house. 1 Cautions Do not obstruct or cover the ventilation grille of the air conditoner.

Do not put fingers or any other things into the inlet/outlet and swing louver. Do not allow children to play with the air conditioner.In no case should children be allowed to sit on the outdoor unit. 7. The appliance is not intended for use by young children or infirm persons without supervision. 8. Young children should be supervised to ensure that they do not play with the appliance. 9. A breaker should be used in the circuits, which should be all-pole cutoff and the distance between its two contacts should be not at least 3mm . 10.

Please employ the proper power plug, which fit into the power supply cord. 11 .The power plug and connecting cable must have acquired the local attestation. 12.In order to protect the units,please turn off the A/C first, and at least 30 seconds later, cutting off the power. Specifications The refrigerating circuit is leak-proof. The machine is adaptive in following situation 1.Applicable ambient temperature range: Indoor Cooling Maximum:D.B/W.B 32oC/23oC Minimum:D. B/W.B 18oC/14oC Maximum:D.B/W.B 43oC/26oC 18oC Maximum:D.B Maximum:D.

B 27oC 15oC Outdoor Maximum:D.B Indoor Heating Outdoor Maximum:D.B/W.B 24oC/18oC Minimum:D.B/W.

B -15oC 2. If the power supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similar qualified person. 3. If the fuse of indoor unit on PC board is broken,please change it with the type of T. 3.15A/ 250V. If the fuse of outdoor unit is broken, change it with the type of T.25A/250V. 4. The wiring method should be in line with the local wiring standard.

5. After installation, the power plug should be easily reached. 6. The waste battery should be disposed properly. 2 Cautions Safety Instruction Please read the following Safety Instructions carefully prior to use The instructions are classified into two levels, WARNING and CAUTION according to the seriousness of possible risks and damages as follows. Compliance to the instructions are strictly required for safety use. Installation WARNING Please call Sales/Service Shop for the Installation. Do not attempt to install the air conditioner by yourself because improper works may cause electric shock, fire, water leakage. Installation in a inadequate place may cause accidents. Do not install in the following place.

securely CAUTION Do not get the unit exposed to vapor or oil steam. Check proper installation of the drainage Connect the earth cable. Do not install in the place where there is any possibility of inflammable gas leakage around the unit. earthing PROHIBITION PROHIBITION STRICT ENFORCEMENT Use fuse with specified capacity. Replacement with steel or copper wires are absolutely prohibited.

Grounding wire should not be connected to that of gas pipeline, water pipeline, lighting arrester or telephone. FUSE COPPERWIRE STEEL WIRE 3 Cautions WARNING When abnormality such as burnt-small found, immediately stop the operation button and contact sales shop. Use an exclusive power source with a circuit breaker STRICT ENFORCEMENT After installed, the unit shall be tested for electric leakage. Do not use power supply cord extended or connected in halfway OFF Connect power supply cord to the outlet completely STRICT ENFORCEMENT Do not use power supply cord in a bundle. STRICT ENFORCEMENT Take care not to damage the power supply cord.

PROHIBITION Do not insert objects into the air inlet or outlet. PROHIBITION Do not start or stop the operation by disconnecting the power supply cord and so on. PROHIBITION Do not channel the air flow directly at people, especially at infants or the aged. PROHIBITION Do not try to repair or reconstruct by yourself. PROHIBITION PROHIBITION CAUTION Do not use for the purpose of storage of Take fresh air occasionally especially Do not operate the switch with food, art work, precise equipment, when gas appliance is running at the wet hand. breeding, or cultivation. same time. PROHIBITION Do not install the unit near a fireplace or other heating apparatus. STRICT ENFORCEMENT Check good condition of the installation stand PROHIBITION Do not pour water onto the unit for cleaning PROHIBITION Do not place animals or plants in the direct path of the air flow PROHIBITION Do not place any objects on or climb on the unit. PROHIBITION Do not place flower vase or water containers on the top of the unit.

PROHIBITION PROHIBITION PROHIBITION 4 Parts and Functions Indoor unit 1.OUTLET 2.CONTROL PANEL 3.INLET 4.FILTER (inside) 5.OUTLET Outdoor unit HFU-09HA03(B)/R1 HFU-12HA03(B)/R1 OUTLET INLET CONNECTING PIPING AND ELECTRICAL WIRING HFU-09H03/R2(DB) HFU-12H03/R2(DB) DRAIN HOSE 5 Parts and Functions CAUTION Before opening the front grille, be sure to stop the operation and turn the breaker OFF.

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Do not touch the metal parts on the inside of the indoor unit, as it may result in injury. Receiver Signals are received from the remote controller here. Upon receiving a signal, there is a receiving sound. Air outlet selection switch This setting blows air from upper outlet only.
This setting automatically decides a blow pattern depending on mode and conditions. This setting is recommended. The unit is shipped from the factory with this setting. ON/OFF button Push once to start operation, push once again to stop it. Operation is set to AUTO, air flow is set to AUTO FAN.
Use when remote controller is not available. Air outlet selection Operating mode Indoor temperature sensor Senses the air temperature around the unit. Air flow selection Make air flow selection according to what suits you. Situation Blowing pattern When setting the air flow selection switch to Air conditioner automatically decides the appropriate blowing pattern depending on the operating mode/situation. During Dry mode, so that cold air does not come into direct contact with people, air is blown upper air outlet.
Cool mode When the room has become fully cool, or when one hour has passed since turning on the air conditioner. At start of operation or other times when the room is not fully cooled. So that air does not come into direct contact with people, air is blown upper air outlet, room temperature is equalised When setting the air outlet selection switch to Regardless of the operating mode or situation, air blows from the upper air outlet. Use this switch when you do not want air coming out of the lower air outlet. (While sleeping etc..) Heat mode At times other than below. (Normal time.) Air is blown from the upper and lower air outlets for high speed cooling during Cool mode, and for filling the room with warm air during Heat mode. At start or when air temperature is low.

So that air does not come into direct contact with people. Air is blown upper air outlet. 6 Parts and Functions Remote Controller 4. MODE Used to select AUTO, COOL, DRY, FAN and HEAT operation. 5. ON/OFF Used for unit start and stop. 6. SWING Used to adjust the up/down air flow direction. 7. TEMP. Used to select your desired temperature. 8. TIMER ON display 9. SLEEP display 10. FAN SPEED display Remote controller: LOW MED HI AUTO 11. SWING UP/DOWN display 12. MODE display Operation mode AUTO COOL DRY FAN HEAT Remote controller 1.TIMER Used to select TIMER ON, TIMER OFF, TIMER ON-OFF 2.HOUR Used to set clock and timer setting. 3.
CLOCK Used to set correct time. Note: 1. The following functions and related displays are not available for all models: Display of humidifying and atmosphere humidity. 2. There is health display with the remote controller in this type, but without health function. 13. SIGNAL SENDING display 14. TEMP. display Remote controller: to display the TEMP. setting.

15. CLOCK display 16. TIMER OFF display 17. FAN Used to select fan speed: LO,MED,HI,AUTO 18. SET Used to confirm timer and clock settings. 19. SLEEP Used to select sleep mode. 20. RESET When the remote controller appears abnormal, use a sharp pointed item to press this button to reset the remote controller to normal condition. 21.
LOCK Used to lock buttons and LCD display. If pressed, the other buttons will be disabled and the lock condition display appears. Press it once again, lock will be canceled and lock condition display disappears. 22. LOCK display 23.
POWER/SOFT 7 Parts and Functions Clock Set When unit is started for the first time and after replacing batteries in remote controller, clock should be adjusted as follows: 1. Press CLOCK button,"AM" or "PM" flashes. 2. Press or to set correct time. Each press will increase or decrease 1 min.
If the button is kept depressed, time will change quickly. 3. After time setting is confirmed, press SET, "AM" or "PM" stop flashing, while clock starts working. Remote controller's operation When in use, put the signal transmission head directly to the receiver hole on the indoor unit. The distance between the signal transmission head and the receiver hole should be within 7 m without any obstacle as well. Don't throw or knock the remoter controller. When electronic-started type fluorescent lamp or change-over type fluorescent lamp or wireless telephone is installed in the room, the receiver is apt to be disturbed in receiving the signals, so the distance to the indoor unit should be shorter. Loading of the battery Load the batteries as illustrated right 2 R-03 (7#) batteries Remove the battery cover: Slightly press" "area and push down the cover as illustrated. Load the battery: Be sure that the loading is in line with the "+" / " Temp.setting+2oC Temp.

setting On reaching temp.setting +2oC unit will run in mild DRY mode. 11 Operation FAN Operation 1. Unit start Remote controller Press ON/OFF on the indoor unit, or press ON/OFFon the remote controller, unit starts. Previous operation status appears on LCD display (no timer and sleep). 2.Select operation mode Press MODE button. For each press, operation mode changes as follows: Remote controller: AUTO COOL DRY FAN HEAT Then Select FAN operation 3.Fan speed selection Press FAN button. For each press, fan speed changes as follows: Remote controller: LOW MED HI 4.
Unit stop Press ON/OFF button, the unit stops. About FAN operation In FAN operation mode, the unit will not operate in COOL or HEAT mode but only in FAN mode. AUTO is not available in FAN mode. And temp. setting is disabled.
In FAN mode, SLEEP operation is not available. 12 Operation HEAT Operation Remote controller 1. Unit start Press ON/OFF on the indoor unit, or press ON/OFFon the remote controller, unit starts. Previous operation status appears on LCD display (no timer and sleep). 2.
Select operation mode Press MODE button. For each press, operation mode changes as follows: Remote controller: AUTO COOL DRY FAN HEAT Then Select HEAT operation 3.Select temp.setting Press TEMP. button Every time the button is pressed, temp.setting increase 1 C,if kept depressed, it will increase rapidly Every time the button is pressed, temp.setting decrease 1 C,if kept depressed, it will decrease rapidly Select a desired temperature. 4.Fan speed selection Press FAN button. For each press, fan speed changes as follows: Remote controller: LOW MED HI AUTO Regarding the ambient temperature display during the heating operation In defrosting,the indoor temperature value displayed may be reduced due to the dropping of cooling air of the evaporator of indoor unit under cooling mode.

It is normal phenomenon. Air conditioner is running under displayed wind speed IN HEAT mode, warm air will blow out after a short period of the time due to cold-draft prevention function. When FAN is set to AUTO, the air conditioner automatically adjusts the fan speed according to room temperature. 5.Unit stop Press ON/OFF button, the unit stops.

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13 Operation Adjusting the Air Flow Direction You can adjust the air flow direction to increase your comfort Notes on flap angles When SWING is selected, the flap swinging range depends on the operation mode.(See the figure.) Adjusting the flap COOL/DRY HEAT NOTE Unless [SWING] is selected, you should set the flap at a near-horizontal angle in HEAT mode and at a upward position in COOL or DRY mode to obtain the best performance. CAUTION Do not try to adjust the flap by hand. When adjusting by hand, the mechanism may not operate properly or condensation may drip from air outlets ATTENTION When adjusting the flap by hand, turn off the unit, and use the remote controller to restart the unit.

Adjusting the louver Hold the knob and move the louver. (You will find a knob on the left-side and the right-side blades ATTENTION Be careful when adjusting the louver. Inside the air outlet, a fan is rotating at a high speed. 14 Operation SLEEP Operation Before going to bed , you can simply press the 2. In HEAT mode SLEEP button and unit will operation in SLEEP 3 hours after SLEEP mode starts, temperature o mode and bring you a sound sleep. will become 1 C lower than temperature setting. After another 3 hours temperature decrease by Use of SLEEP function o 1 C further. The unit will run for further 2 hours After the unit starts, set the operation status, then stops. Temperature is lower than then press SLEEP button before which the temperature setting so that room temperature clock must be adjusted and time being set. won't be too high for your sleep.

Operation Mode 1. In COOL,DRY mode Temperature setting Unit stop 3 hours after SLEEP mode starts, temperature o will become 1 C higher than temperature setting. o 3 hr Decreases 1 C After another 3 hours temperature rises by 1 C further. The unit will run for further 2 hours then 3 hr Decreases 1 C stops. Temperature is higher than temperature setting so that room temperature won't be too low for your sleep. Approx. 2 hrs o o Remote controller SLEEP operation starts SLEEP operation stops In HEAT mode 3. In AUTO mode The unit operates in corresponding sleep SLEEP mode adapted to the automatically selected operation mode. 4. In FAN mode It has timing off function.

5. The sleep time can be adjusted within the range of 1-8 hours. Push the SLEEP button. The remote controller will display " ", and display the timing off and detail off time in the timing off setting area. Push the time adjusting button to adjust the detail sleep time. 6. If the sleep time in cooling, dehumidifying and heating run is less than 8 hours Within the set sleep time, the conditioner will run as per the procedure described in 1 and 2. It will be switched off automatically when the sleep time is expired. SLEEP operation starts SLEEP operation stops Approx. 2 hrs o 3 hr o Rises 1 C 3 hr Rises 1 C Temperature setting Unit stop In COOL,DRY mode 15 Operation Timer On/Off Operation Set clock correctly before starting TIMER operation.

Remote controller 1. After unit starts, select your desired operation mode. Operation mode will be displayed on LCD 2. Timer mode selection Press TMIER button to change TIMER mode. Every time' the button pressed, display changes as follows: Remote controller: BLANK TIMER ON TIMER OFF TIMER ON-OFF Then select your desired TIMER mode (TIMER ON or TIMER OFF).

" "or" "will flash. 3.Time setting Press HOUR button. Every time the button is pressed, time setting increases 1 min, if kept depressed, it will increase rapidly. Every time the button is pressed, time setting decreases 1 min, if kept depressed, it will decrease rapidly.

It can be adjusted within 24 hours. 4.Confirming your setting After setting correct time, press SET button to confirm " "or" "on the remote controller stops flashing. Time displayed: Unit starts or stops at x hour x min. (TIMER ON or TIMER OFF). 5.Cancel TIMER mode Just press TIMER button several times until TIMER mode disappears. Hints: After replacing batteries or a power failure happens, time setting should be reset. Remote controller possesses memory function, when use TIMER mode next time,just press SET button after mode selecting if time setting is the same as previous one. 16 Operation TIMER On-Off Operation Set clock correctly before starting TIMER operation.

1. After unit starts, select your desired operation mode Operation mode will be displayed on LCD. 2. Timer mode selection Press TIMER button to change TIMER mode. Every time the button is pressed, display changes as follows: Remote controller: BLANK TIMER ON TIMER OFF TIMER ON-OFF Remote Controller Then select your desired TIMER mode (TIMER ON - OFF). " "will flash. 3.Time setting Press HOUR button. Every time the button is pressed, time setting increases 1 min, if kept depressed, it will increase rapidly. Every time the button is pressed, time setting decreases 1 min, if kept depressed, it will decrease rapidlly.

It can be adjusted within 24 hours. 4.Timer confirming for TIMER ON After setting correct time, press TIMER button to confirm " " on the remote controller stops flashing. " " starts flashing. Time displayed: Unit starts or stops at x hour x min.

5.Time setting for TIMER OFF Just press HOUR button ,follow the same procedure in "Time setting for TIMER ON" 6.Time confirming for TIMER OFF After time setting,press SET button to confirm. " " on the remote controller stops blinking. Time displayed:Unit stops at x hour x min.

To cancel TIMER mode Just press TIMER button several times until TIMER mode disappears. According to the Time setting sequence of TIMER ON or TIMER OFF, either Start-Stop or Stop-Start can be achieved. 17 Operation POWER/SOFT Operation POWER Operation When you need rapid heating or cooling, you can use this funciton. Selecting of POWER operation Press POWER/SOFT button. Every time the button is pressed,display changes as follows: BLANK SOFT POWER Stop the display at In POWER operation status: In HEAT or COOL mode, fan speed automatically runs in HI mode for 15 min then returns to original status setting. To cancel POWER operation Press POWER/SOFT button twice ,POWER/SOFT disappears. SOFT Operation You can use this function when silence is needed for rest or reading. Selecting of SOFT operation Press POWER/SOFT button. Every time the button is pressed,display changes as follows: BLANK POWER Stop the display at In SOFT operation mode, fan speed automatically takes"LOW" To cancel SOFT operation Press POWER/SOFT button twice ,POWER/SOFT disappears. SOFT Hints: During POWER operation, in rapid HEAT or COOL mode, the room will show inhomogeneous temperature distribution.

Long period SOFT operation will cause effect of not too cool or not too warm. 18 Operation EMERGENCY OPERATION AND TEST OPERATION EMERGENCY OPERATION Carry out this operation only when the remote controller is defective or lost.

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*POWER TIMER RUN Unit start When the emergency operation switch is pressed, a sound you can hear, which means the start of this operation. Follow the requirements below. Room Designated Timer Air flow Operation Anion temperature temperature mode speed mode >23oC o *23 ON/OFF EMERGENCY SWITCH 26oC 23 C o None None AUTO AUTO COOL HEAT None None C Unit stop (to cancel emergency operation) Press the emergency switch and hear a sound, the unit stops. TEST OPERATION Use this switch in the test operation when the room temperature is less 16oC, do not it in the normal operation. Unit start Continue to press the test operation switch for more than 5 seconds. After you hear the "BI" sound twice, release your finger from the switch, the test operation starts and the air conditioner starts with the air flow speed setting "Hi". POWER TIMER RUN ON/OFF TEST SWITCH Unit stop(to cancel test operation) Push the test run switch or operate with remote controller to cancel the test run. If you use the remote controller to cancel the test run, the conditioner will then run as per the working mode displayed on the remote controller.*

19 Operation hints Remote monitoring The control board of the indoor unit reserves the communication port for remote control. If you install the peripheral equipment according to the manual of the matching remote control detector, it can realize the computer management or remote monitoring of the conditioner. Please refer to the manual of the " Conditioner remote control detector" for the details Power failure resume(please set and apply as necessary) With setting of power failure resume, if sudden power failure occurs, the unit will resume original operation when power is supplied again. Setting method With ON of remote controller (except TIMER and FAN),repeatedly press SLEEP button 10 times in 5 seconds, after 4 Beep from the buzzer, the unit comes into power failure resume mode. To cancel: press SLEEP button continuously 10 times in 5 seconds, the buzzer sounds Beep twice and power failure resume function is canceled.

Note: When sudden power failure happens during unit operation in power failure resume mode,if the air conditioner is not desired for use in a long period, please shut off the power supply in case that the unit automatially resume operation when power is re-supplied, or press ON/OFF to turn off the unit when power resumes. 20 Maintenance Cleaning of the unit Turn off the power switch Do not touch with wet hand Do not clean with hot water or solvent Take off the air inlet grill First switch off the power supply, take off the screw cap, loosen the screw with cross screwdriver. Clean the filter Use water or vacuum cleaner to remove dust. If it is too dirt, clean with detergent or neutral soap water. Rinsing with fresh water, dry the filter and re-assemble.

Caution: o Do not wash filter in hot water above 40 C, which will damage the filter. Do carefully wipe the filter. Clean the indoor(outdoor) unit Clean with warm cloth or neutral detergent, then wipe away moisture with dry cloth. Do o not use too hot water(above 40 C), which will cause discoloration or deformation. Do not use pesticide or other chemical detergents. 21 Maintenance Maintenance at the end of application season On a fine day, unit shall be started and operate in FAN mode for about half a day unit the inside of the unit becomes thoroughly dry. Turn off the unit operation switch and power on/off. Otherwise, there will be some electricity consumption even the unit is in stop status. Clean the filter and indoor, outdoor unit, cover the units well. Maintenance before beginning of application season Check there are no obstacles in the air inlet and outlet to avoid impairing of working efficiency.

Please do attach the air filter to ensure the electrostatic filters not soiled. Otherwise,dirt will come into and damage the unit or bring failures. 22 Trouble shooting Before asking for service, check the following first. Phenomenon The system does not restart immediately. Cause or check points When unit is stopped, it won't restart immediately until 3 minutes have elapsed to protect the system. When the electric plug is pulled out and reinserted, the protection circuit will work for 3 minutes to protect the air conditioner. During unit operation or at stop, a swishing or gurgling noise may be heard. At first 2-3 minutes after unit start, this noise is more noticeable. (This noise is generated by refrigerant flowing in the system.) During unit operation, a cracking noise may be heard.

This noise is generated by the casing expanding or shrinking because of temperature changes. Should there be a big noise from air flow in unit operation, air filter may be too dirty. This is because the system circulates smells from the interior air such as the smell of furniture, cigarettes. During COOL or DRY operation, indoor unit may blow out mist. This is due to the sudden cooling of indoor air.

Noise is heard: Normal Performance inspection Smells are generated. Mist or steam are blown out. Multiple check Does not work at all. Is power plug inserted? Is there a power failure? Is fuse blown out? Is the air filter dirty? Normally it should be cleaned every 15 days. Are there any obstacles before inlet and outlet? Is temperature set correctly? Are there some doors or windows left open? Is there any direct sunlight through the window during the cooling operation?(Use curtain) Are there too much heat sources or too many people in the room during cooling operation? Poor cooling 23 Installation Manual of Room Air Conditioner more than 10 cm Installation of indoor unit selection of installation place Place where it is easy to route drainage pipe and outdoor piping.

Place, away from heat source and with less direct sunlight. Place where cool and warm air could be delivered evently to every corner of the room. Place near power supply socket.Leave enough space around the unit. Place, robust not causing vibration, where the body can be supported sufficiently. To prevent interference, place it at least 1m away from other electric machines, such as TV set, radio. Installation According to the dimension of the Figure 2 shown nail two cement steel nails on the wall keep 2-3mm out, then hang the back of the unit on them. There must be no gap between the indoor unit and wall. Remove the front panel,then use two fastening screws to fix the unit on the floor. As Figure 3 shown.

Once refrigerant piping and drain piping connections are complete,fill the gap of the through hole with putty. Attach the front panel and front grille in their orginal positions once all connections are complete. mo re tha n1 0c m m or e th an 10 cm m th ore an 100 cm Figure.1 Figure.2 Figure.3 tha n1 0c m Installation of outdoor unit or et selection of installation place ha n1 0c Place strong enough to support the unit and will m not cause vibration and noise.

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Place where discharged wind and noise does not cause a nuisance to the neighbors. Place where is less affected by rain or direct sunlight and is sufficiently ventilated,or to install a shield. m 0c n6 Place with enough space for smooth air flow. tha mo re m m ore mo re tha n1 0c m Figure.

4 24 Installation Manual of Room Air Conditioner Tool necessary 1.Screw driver 2.Hacksaw 3.70mm dia. hole core drill 4. Spanner(dia.17,27mm) 5.Spanner(14,17,27mm) 6.Pipe cutter 7.Flaring tool 8.

Knife 9.Nipper 10.Gas leakage detector or soap water 11.Measuring tape 12.Reamer 13.Refrigerant oil No. Shape and description Remote controller Drain hose Drain-elbow Self-tapping screw Rubber pad QTY 1 1 1 4 4 2 4 dry battery #7 Plastic cap Standard accessories Following parts shall be field supplied Mark A B C D E Part name Adhensive tape Pipe clip Connecting hose Insulation material Drain hose Fixing of the unit 1. Position of the wall hole Wall hole should be decided according to installation place and piping direction.(refer to installation drawings). Indoor side Wall hole Outdoor side Thickness of wall 2.

Making a wall hole Drill a hole of 120x70mm dia. with a little slope towards outside. (Cross section of wall hole) 25 Installation Manual of Room Air Conditioner 3. Piping connection Connecting method Apply refrigerant oil at half union and flare nut. To bent a pipe, give the roundness as large as possible not to crash the pipe. When connecting pipe, hold the pipe center to center then screw nut on by hand, refer to Fig. Be careful not to let foreign matters, such as sands enter the pipe. Forced fastening without careful centering may damage the threads and cause a leakage of gas. Pipe Diameter Liquid side 6.35mm(1/4") Gas side 9.

52mm(3/8") Gas side 12.7mm(1/2") Fastening torque 18N.m 42N.m 55N.m Piping connection of the indoor unit 1.

Arrangement of piping and drainage pipe Remove the cover before working. Cut away, with a hammer or a saw, the lid for piping according to piping direction. insulation material Drain hose Copper tube Connecting electric cable for indoor and outdoor unit According to the piping method, connect the piping on indoor unit with union of connection pipe. Arrange the piping as per the wall hole and bind drain hose connecting electric cable and piping together with polyethylene tape. Insert the bound piping connecting electric cable and drain hose through wall hole to connect with outdoor unit.

2. Arrangement drain hose Drain hose shall be placed in under place. There should be a slope when arrange drain hose. Avoid up and down waves in drain hose. If humidity is high, drain pipe(especially in room and indoor unit) must be covered with installation material. 26 Installation Manual of Room Air Conditioner 3. Piping connection of the outdoor unit Connecting the connecting pipe and inlet and outlet liquid pipe according to the piping method Purging Method: HSU-09H03/R2(DB) HSU-12H03/R2(DB) Detach the service port's cap of 3-way valve, the valve rod's cap for 2-way valve and 3-way's, connect the service port into the projection of charge hose (low) for gaugemanifold. Then connect the projection of charge hose (center) for gaugemanifold into vacuum pump. Liquid Side 6.35mm(1/4") Gas Side 9.

52mm(3/8") 12.7mm(1/2") 3-way valve 2-way valve Gaugemanifold(for R410A) Anti countercurrent joint Tube(for R410A) Vacuum pump(for R410A) Open the handle at low in gaugemanifold, operate vacuum pump. If the scale-moves of gause (low) reach vacuum condition in a moment, check again. Open Vacuumize for over 15min. And check the level gauge which should read -0.1 MPa (-76 cm Hg) at low pressure side. After the completion of vacuumizing, close the handle 'Lo' in gaugemanifold and stop the operation of the vacuum pump. Check the condition of the scale and hold it for 1-2min. If the scale-moves back in spite of tightening, make flaring work again, the return to the beginning of . Close Open the valve rod for the 2-way valve to an angle of anticlockwise 90 degrees.

After 6 seconds, close the 2-way valve and make the inspection of gas leakage. In case of gas leakage, tighten parts of pipe connection. If leakage stops, then proceed steps. 2-way valve Open 3-way valve Service port 90ofor 6 sec. 90o No gas leakage? If it does not stop gas leakage, discharge whole refrigerants from the service port.

After flaring work again and vacuumize, fill up prescribed refrigerant from the gas cylinder Detach the charge hose from the service port, open 2-way valve and 3-way. Turn the valve rod anticlockwise until hitting lightly. 2-way valve 3-way valve Liquid Side Gas Side 6.35mm(1/4") 9.52mm(3/8") 12. 7mm(1/2") 3-way valve 2-way valve To prevent the gas leakage, turn the service port's cap, the valve rod's cap for 2-way valve and 3-way's a little more than the point where the torque increases suddenly. 2-way valve 3-way valve HFU-09H03/R2(DB) HFU-12H03/R2(DB) Valve rod cap After attaching the each caps, check the gas leakage around the caps. CAUTION: 1.If the refrigerant of the air conditioner leaks, it is necessary to discharge all the refrigerant. Vacuumize first, then charge the liquid refrigerant into air conditioner according to the amount marked on the name plate. Service port cap Valve rod cap 2.Please do not let other cooling medium, except specified one (R410A), or air enter into the cooling circulation system. Otherwise, there will be abnormal high pressure in the system to make it crack and lead to personal injuries. 27 Installation Manual of Room Air Conditioner 3. Piping connection of the outdoor unit Connecting the connecting pipe and inlet and outlet liquid pipe according to the piping method Purging Method: HSU-09HA03(B)/R1 HSU-12HA03(B)/R1 Detach the service port's cap of 3-way valve, the valve rod's cap for 2-way valve and 3-way's, connect the service port into the projection of charge hose (low) for gaugemanifold.

Then connect the projection of charge hose (center) for gaugemanifold into vacuum pump. 3-way valve Gas Side 12.7mm(1/2") Liquid Side 6.35mm(1/4") 2-way valve Gaugemanifold Vacuum pump Open the handle at low in gaugemanifold, operate vacuum pump. If the scale-moves of gause (low) reach vacuum condition in a moment, check again. Open Vacuumize for over 15min. And check the level gauge which should read -0.1 MPa (-76 cm Hg) at low pressure side. After the completion of vacuumizing, close the handle 'Lo' in gaugemanifold and stop the operation of the vacuum pump. Check the condition of the scale and hold it for 1-2min.

If the scale-moves back in spite of tightening, make flaring work again, the return to the beginning of . Close 3-way valve Service port Open the valve rod for the 2-way valve to an angle of anticlockwise 90 degrees. After 6 seconds, close the 2-way valve and make the inspection of gas leakage.

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In case of gas leakage, tighten parts of pipe connection. If leakage stops, then proceed steps.
90ofor 6 sec. Open 2-way valve 90 o No gas leakage? If it does not stop gas leakage, discharge whole refrigerants from the service port. After flaring work again and vacuumize, fill up prescribed refrigerant from the gas cylinder Detach the charge hose from the service port, open 2-way valve and 3-way. Turn the valve rod anticlockwise until hitting lightly. 3-way valve 2-way valve To prevent the gas leakage, turn the service port's cap, the valve rod's cap for 2-way valve and 3-way's a little more than the point where the torque increases suddenly.
3-way valve Service port cap 2-way valve After attaching the each caps, check the gas leakage around the caps. CAUTION: 1.If the refrigerant of the air conditioner leaks, it is necessary to discharge all the refrigerant. Vacuumize first, then charge the liquid refrigerant into air conditioner according to the amount marked on the name plate. Valve rod cap Valve rod cap 3-way valve 12.7mm(1/2") 2-way valve 6.35mm(1/4") 2-way valve 6.35mm(1/4") 3-way valve 9.52mm(3/8") HFU-12HA03(B)/R1 HFU-09HA03(B)/R1 28 Installation Manual of Room Air Conditioner Note: When additional refrigerant is necessary, first purge air out of connecting pipe by external gas, then drive out the excessive refrigerant by purging method..

Brand new unit is charged 80g more refrigerant than spec. This is only for first installation to purge air in the indoor unit and connecting pipe. When piping is longer than 5m, change additional refrigerant specified in this list. Pipe length Refrigerant charge(g) 5m 10m 90 15m 180 Electric wiring Note: Electric wiring must be done by qualified person. Use copper wire only. The parameter of the connecting cable is H05RN-F or H07RN-F 3G1.5mm2+1x0.75mm2 Wiring of indoor unit Insert the cable from outside the wall hole where piping already exist. Pull it out from front. Loose terminal screw and insert cable end fully into terminal block, then tighten it Pull the cable gently to make sure it is tight.
Replace cover after wiring. Indoor unit Terminal block Wire clip Wire loop White Black Yellow/Green Red 1(N) 2(L) 3(C) N L power Wiring of outdoor unit Outdoor unit Insert the cable from inside the wall hole where piping already exist. Pull it out from front. Loose terminal screw and insert cable end fully into terminal block, then tighten it Pull the cable gently to make sure it is tight. Replace cover after wiring.
Note: When connecting indoor and outdoor wire, check the number on indoor and outdoor terminal blocks. Terminals of same number and same color shall be connected by the same wire. Incorrect wiring may damage air conditioner's control or cause operation failure. 29 Installation Manual of Room Air Conditioner Others HFU-09H03/R2(DB) HFU-12H03/R2(DB) 1. Power supply Air conditioner must use an exclusive line(over 20A) 2 The type of power supply wire is HF05VV-3G2.
5mm . When installation air conditioner in a wet place, try to use a circuit breaker against current leakage. For installation in other places, use circuit breaker as for as possible. 2. Piping cutting and flaring Be sure to carry out deburring after cutting with a pipe cutter. Insert flaring tool to make a flare A Flare tool for R410A Clutch-type Conventional flare tool clutch-type(Rigid-type) Wing-nut type (Imperial-type) 0~0.5mm 1.0~1.5mm 1.5~2.

0mm Flare tooling die 1.Cut pipe 2.Remove burs Correct Incorrect 3.Insert the flare nut Lean Damage of flare Crack Partial Too outside 4.Flare pipe Installation inspection and test run: Please operate unit according to this Manual Items to be checked during test run. Please made a " " in " " Are there any gas leakage? How is insulation at piping connection carried out? Are electric wires of indoor and outdoor unit firmly inserted into terminal block? Is electric wiring of indoor and outdoor securely fixed? Is drainage securely carried out? Is earth line(grounding) securely connected? Is power supply voltage abided by the code? Is there any noise? Is control display normal? Is cooling operation normal? Is room temp. regulator normal? 30 Installation Manual of Room Air Conditioner Others HFU-09HA03(B)/R1 HFU-12HA03(B)/R1 1. Power supply Air conditioner must use an exclusive line(over 20A) . 2 The type of power supply wire is 3G2.5mm .
When installation air conditioner in a wet place, try to use a circuit breaker against current leakage. For installation in other places, use circuit breaker as for as possible. 2. Piping cutting and flaring Be sure to carry out deburring after cutting with a pipe cutter. Insert flaring tool to make a flare Pipe diameter Size A (mm) A 0.
8~1.5 Liquid side 6.35mm(1/4") Gas side 9.52mm(3/8") 12.7mm(1/2") 1.
*0~1.8 1.2~2.0 Gas side Flare tooling die Correct Incorrect Lean Damage of flare Crack Installation inspection and test run: Please operate unit according to this Manual Items to be checked during test run. Please made a " Partial Too outside " in " " Are there any gas leakage? How is insulation at piping connection carried out? Are electric wires of indoor and outdoor unit firmly inserted into terminal block? Is electric wiring of indoor and outdoor securely fixed? Is drainage securely carried out? Is earth line(grounding) securely connected? Is power supply voltage abided by the code? Is there any noise? Is control display normal? Is cooling operation normal? Is room temp. regulator normal? 31 UNIDAD PARA MONTAJE SOBRE EL SUELO MANUAL DE FUNCIONAMIENTO E INSTALACIÓN * Antes de utilizar el acondicionador de aire, lea atentamente este manual de funcionamiento. Precauciones Eliminación del acondicionador de aire Instrucciones y advertencias de viejo seguridad Antes de eliminar el acondicionador de aire viejo que vaya a quedar fuera de servicio, asegúrese de que no puede funcionar y no es peligroso. Desconecte el acondicionador de aire para evitar el peligro de que los niños puedan jugar con él y sufrir lesiones. Es necesario tener en cuenta que el sistema del acondicionador de aire contiene refrigerante que requiere el uso de un procedimiento especial de eliminación de residuos. Los materiales valiosos que contiene el acondicionador de aire se pueden reciclar.*

Póngase en contacto con el centro local de eliminación de residuos para deshacerse correctamente de un acondicionador de aire viejo y consulte con la autoridad local o con el distribuidor si tiene cualquier duda. Asegúrese de que las tuberías del acondicionador de aire no sufran daños antes de ser recogidas por el centro pertinente de eliminación de residuos y contribuya a la protección del medio ambiente insistiendo en que se utilice un procedimiento adecuado para evitar que se produzca contaminación.

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Antes de poner en marcha el acondicionador de aire, lea atentamente la información contenida en la guía del usuario. Esta guía contiene observaciones muy importantes relativas a la instalación, funcionamiento y mantenimiento del acondicionador de aire. El fabricante no puede aceptar ninguna responsabilidad por cualquier daño que se pueda producir como consecuencia de la no observancia de las instrucciones siguientes. · Los acondicionadores de aire que estén dañados no deberán ponerse en funcionamiento. En caso de duda consulte al proveedor. El uso del acondicionador de aire tiene que realizarse cumpliendo estrictamente las instrucciones pertinentes que se indican en la guía del usuario. La instalación debe ser realizada por personal competente. No realice la instalación por sus propios medios.

A efectos de seguridad, es necesario conectar correctamente a tierra el acondicionador de aire de acuerdo con las especificaciones. Recuerde siempre que tiene que desenchufar el acondicionador de aire antes de abrir la rejilla de entrada. No desenchufe nunca el acondicionador de aire tirando del cable de alimentación. Agarre siempre firmemente el conector macho y tire de él rectamente para sacarlo de la toma de corriente. Todas las reparaciones eléctricas deberán ser realizadas por electricistas competentes.

Una reparación incorrecta puede convertirse en una fuente de peligro para el usuario del acondicionador de aire. No dañe ningún elemento del acondicionador de aire que contenga refrigerante ni perfore los tubos del acondicionador de aire con objetos afilados o puntiagudos, no aplaste ningún tubo y no raspe el recubrimiento de ninguna superficie. Si le entran salpicaduras de refrigerante en los ojos puede sufrir graves lesiones oculares. · · Eliminación del embalaje del acondicionador de aire nuevo Todos los materiales de embalaje utilizados en el acondicionador de aire nuevo se pueden eliminar sin ningún peligro para el medio ambiente. · La caja de cartón se puede romper o cortar en trozos pequeños para entregarlos a un servicio de recogida de residuos de papel y cartón.

La bolsa · en la que está envuelto el acondicionador es de polietileno y el material de almohadillado es de espuma de polietileno. Todos estos materiales son valiosos y se pueden · entregar a un centro de recogida de residuos para poderlos utilizar de nuevo después de un reciclaje adecuado. Consulte a las autoridades locales el nombre y la dirección de los centros de recogida de residuos y de los servicios de eliminación de papel y cartón más próximos a su domicilio. 1 Precauciones · No obstruya ni tape la rejilla de ventilación del 7. No está previsto el uso del aparato por niños o personas enfermas sin supervisión. acondicionador de aire. No introduzca los 8. Los niños pequeños deben ser vigilados para dedos ni ningún otro objeto en la entrada o impedir que jueguen con el aparato. salida ni en el hueco de la aleta oscilante. 9.

Deberá utilizarse un interruptor en el circuito · No permita que los niños jueguen con el de alimentación que desconecte todos los acondicionador de aire. En ningún caso debe polos y en el que la distancia entre contactos permitirse a los niños sentarse sobre la no sea inferior a 3 mm. unidad exterior. 10. Deberá utilizarse un conector de alimentación adecuado que pueda adaptarse Especificaciones perfectamente al cable de alimentación. 11. Dicho conector debe tener la debida · El circuito de refrigeración es estanco a homologación local. prueba de fugas El funcionamiento de la máquina tiene que realizarse en las condiciones siguientes 1. Intervalo admisible de temperaturas ambientes: Refrigeración Interior Máxima: seca/húmeda 32ºC/23ºC Mínima: seca/húmeda 18ºC/14ºC Máxima: seca/húmeda 43ºC/26ºC Mínima: seca 18ºC Máxima: seca 27ºC Mínima: seca 15ºC Máxima: seca/húmeda 24ºC/18ºC Mínima: seca/húmeda -15ºC Exterior Calefección Interior Exterior 2. Si el cable de alimentación esta dañado, deberá ser cambiado por el fabricante, su agente de servicio o un técnico de mantenimiento debidamente calificado.

3. Si el fusible de la unidad interior situado en la tarjeta de circuito impreso se funde, deberá ser cambiado por un fusible del tipo T.3, 15 A / 250 V. Si el fusible que se funde es el de la unidad exterior, deberá ser cambiado por un fusible del tipo T.25 A / 250 V.

4. El cableado deberá hacerse de acuerdo con los reglamentos eléctricos locales. 5. Después de la instalación, deberá ser posible acceder fácilmente a la toma de corriente. 6.

Las pilas agotadas deberán eliminarse utilizando un procedimiento correcto. 2 Precauciones Instrucciones de seguridad · · Antes de utilizar el aparato, lea atentamente las instrucciones de seguridad siguientes. Estas instrucciones están clasificadas en 2 niveles ADVERTENCIA y PRECAUCIÓN de acuerdo con la gravedad de los posibles riesgos y daños de la manera siguiente. Para utilizar el aparato con seguridad, es imprescindible el cumplimiento estricto de las instrucciones. Instalación ADVERTENCIA Para la instalación, recurra al distribuidor o a un taller de servicio. No intente instalar el acondicionador de aire por sus propios medios, ya que si el trabajo no se realiza correctamente pueden producirse descargas eléctricas, incendio o fugas de agua. La instalación en un lugar inadecuado puede provocar accidentes. PRECAUCIÓN Conecte el cable de No instale el aparato en tierra de forma segura un lugar en el que exista la menor posibilidad de que se produzcan fugas de gas inflamable cerca de la unidad No permita que la unidad se exponga a vapores de agua o aceite Compruebe si el drenaje se ha instalado correctamente OBLIGACIÓN ESTRICTA PROHIBICIÓN PROHIBICIÓN OBLIGACIÓN ESTRICTA Utilice un fusible que tenga la capacidad de especificada. La sustitución de un fusible por alambres de cobre o acero está rigurosamente prohibida. El cable de conexión a tierra no debe conectarse a tuberías de agua o gas, pararrayos o líneas telefónicas.

fusible alambre de cobre alambre de acero 3 Precauciones Uso del acondicionador de aire ADVERTENCIA Si observa alguna anomalía, como por ejemplo olor a quemado, desconecte inmediatamente el interruptor y póngase en contacto con el distribuidor.

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DESCONECTADO Utilice una fuente de alimentación exclusiva provista de interruptor. OBLIGACIÓN ESTRICTA Introduzca por completo el enchufe del cable de alimentación en la toma de corriente. Después de la instalación, la unidad debe probarse para ver si existe alguna fuga eléctrica No utilice una alargadera para prolongar el cable de alimentación ni haga ninguna derivación intermedia. PROHIBICIÓN OBLIGACIÓN ESTRICTA OBLIGACIÓN ESTRICTA No utilice el cable de alimentación formando lazos. Tenga cuidado para no dañar el cable de No introduzca ningún tipo de objeto en la entrada o salida de aire alimentación. PROHIBICIÓN PROHIBICIÓN PROHIBICIÓN No arranque o pare la unidad enchufando o desenchufando el cable de alimentación. No dirija directamente la corriente de aire a las personas, especialmente a niños de corta edad o ancianos. No intente reparar la unidad por sus propios medios. PROHIBICIÓN PROHIBICIÓN PRECAUCIÓN No utilice el acondicionador de aire con el fin de conservar alimentos, obras de arte o equipos de precisión ni para actividades de crianza o cultivo.

Deje entrar aire fresco de vez en cuando en la habitación, especialmente si está funcionando al mismo tiempo algún aparato de gas. No accione el interruptor de alimentación teniendo las manos húmedas. PROHIBICIÓN No instale la unidad cerca de una chimenea o de cualquier otro aparato de calefacción. OBLIGACIÓN ESTRICTA Compruebe si el soporte del acondicionador de aire se encuentra en buenas condiciones. PROHIBICIÓN No vierta agua sobre la unidad para limpiarla.

PROHIBICIÓN PROHIBICIÓN PROHIBICIÓN No coloque sobre la unidad ningún No coloque animales o plantas directamente No coloque ningún objeto sobre la unidad ni permita que los niños se suban jarrón de flores ni otro recipiente que en la corriente de aire acondicionado. a ella. contenga agua. PROHIBICIÓN PROHIBICIÓN PROHIBICIÓN 4 Partes y funciones Unidad interior 1. 2.

3. 4. 5. Salida Panel de control Entrada Filtro (en el interior) Salida Unidad exterior HFU-09HA03(B)/R1 HFU-12HA03(B)/R1 Entrada Tuberías y cables eléctricos de conexión Tubo flexible de drenaje Salida HFU-09H03/R2(DB) HFU-12H03/R2(DB) 5 Partes y funciones PRECAUCIÓN Antes de abrir la rejilla delantera, asegúrese de interrumpir el funcionamiento abriendo el interruptor. No toquen ninguna parte metálica del interior de la unidad interior ya que podría sufrir lesiones. Receptor · · Aquí se reciben las señales procedentes del mando a distancia. Cuando se recibe una señal, la unidad emite un pitido. Conmutador de selección de la salida de aire · En esta posición, únicamente sale aire por la salida superior. En esta posición, la unidad decide automáticamente el modo de salida de aire dependiendo del modo de funcionamiento y de las condiciones. Botón de arranque/parada · · Pulse este botón una vez para poner en marcha la unidad y vuelva a pulsarlo para pararla.

@@(Consulte la página 9). @@@@@@@@@@@@@@@@@@@@@modo de calefacción. @@@@@@6. @@7. @@8. Visualización del modo de encendido con el temporizador (ON). 9. Visualización del modo de SUEÑO. 10. @@Visualización de la posición de la aleta.

12. @@@@@@@@@@2. @@MODE (modo) Se utiliza para seleccionar los modos de funcionamiento AUTO, REFRIGERACIÓN, DESHUMIDIFICACIÓN, VENTILADOR y CALEFACCIÓN. 13. Visualización de envío de una señal 14.

Visualización de la temperatura Mando a distancia: para mostrar la temperatura de consigna 15. Visualización de la hora 16. Visualización del modo de apagado con el temporizador (OFF). 17. FAN (ventilador) Se utiliza para seleccionar la velocidad del ventilador (BAJA, MEDIA, ALTA, AUTO).

18. SET (ajustar) Se utiliza para confirmar los ajustes del temporizador y del reloj. 19. SLEEP (sueño) Se utiliza para seleccionar el modo de sueño. 20. RESET (reinicializar) Si el mando a distancia se comporta de una manera anormal, utilice un objeto puntiagudo para pulsar este botón con objeto de reinicializar el mando a distancia para que vuelva a funcionar normalmente. 21. LOCK (bloquear) Se utiliza para bloquear los botones y la pantalla LCD. Si se presiona, los demás botones quedan desactivados y aparece la indicación de pantalla bloqueada. Pulse de nuevo el botón con lo que se cancelará el bloqueo y desaparecerá la indicación de pantalla bloqueada.

22. Visualización de pantalla bloqueada 23. Botón POWER/SOFT (potencia/suave) 7 Partes y funciones Cuando se pone en marcha la unidad por primera vez y después de cambiar las pilas del mando a distancia, es necesario ajustar el reloj de la manera siguiente: 1. Pulse el botón CLOCK (reloj), con lo cual la indicación "AM" o "PM" comenzará a parpadear. 2. Pulse el botón o. para ajustar la hora correcta. Cada vez que pulse un botón aumentará o disminuirá en una unidad la indicación. Si mantiene pulsado el botón, la indicación cambiara rápidamente. Una vez ajustada la hora, pulse el botón SET (ajustar), con lo cual la indicación "AM" o "PM" dejará de parpadear, mientras que el reloj comenzará a funcionar.

· · · · Funcionamiento del mando a distancia Para utilizarlo, apunte directamente el cabezal de transmisión de señales al agujero del receptor situado en la unidad interior. La distancia entre el cabezal de transmisión de señales y el agujero del receptor no puede ser superior a 7 m y además no puede haber ninguna obstrucción. No maneje con rudeza ni golpee el mando a distancia. Si en la habitación hay instalada una lámpara fluorescente del tipo de cebado electrónico, una lámpara fluorescente del tipo de conmutación o un teléfono móvil, pueden producirse perturbaciones en la recepción de las señales, en cuyo caso la distancia entre el mando a distancia y la unidad interior deberá reducirse. Colocación de las pilas Coloque las pilas como se ilustra en la figura de la derecha.

Utilice dos pilas del tipo R-03 (nº 7). Quite la tapa de las pilas Presione hacia abajo ligeramente la zona con la marca " y empuje la tapa hacia abajo como se muestra en " la figura. Coloque las pilas Coloque las filas en la posición indicada en el fondo de la caja para los polos "+" y "-".

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Vuelva a colocar la tapa Indicador de confirmación: Si no aparece nada en la pantalla del mando a distancia a, pulse el botón ON/OFF (encendido/apagado) y coloque de nuevo las pilas. Nota · Si se encienden o dejan de verse claramente todos los indicadores de la pantalla del mando a distancia, es que las pilas están descargadas y es necesario cambiarlas.

· Cuando proceda a su cambio, utilice 2 pilas nuevas del mismo tipo · Si el mando a distancia no se puede utilizar normalmente durante el funcionamiento de la unidad, quite las pilas y colóquelas de nuevo después de haber dejado transcurrir unos minutos. Consejo Quite las pilas del mando a distancia si no se va a utilizar la unidad durante un período prolongado. Si aparece en la pantalla alguna indicación después de quitar las pilas, sólo tiene que pulsar el botón RESET (reinicializar). 8 Funcionamiento Funcionamiento en el modo AUTO Mando a distancia 1. Arranque la unidad Pulse el botón ON/OFF (arranque/parada) de la unidad interior o pulse ese mismo botón del mando a distancia, con lo cual la unidad se pondrá en marcha. En la pantalla LCD del mando a distancia aparecerá el modo de funcionamiento utilizado la última vez (excluidos los modos de arranque/parada con el temporizador y sueño). 2. Seleccione el modo de funcionamiento Pulse el botón MODE (modo). Cada vez que pulse este botón, el modo de funcionamiento cambiará de la manera siguiente: Mando a distancia: AUTO 3 COOL DRY FAN HEAT AUTO > REFRIGERACIÓN > DESHUMIDIFICACIÓN > VENTILADOR > CALEFACCIÓN A continuación seleccione el modo de funcionamiento AUTO. 3.

Parada de la unidad Pulse el botón ON/OFF (encendido/apagado) con lo cual se parará la unidad. Acerca del modo AUTO En el modo de funcionamiento AUTO (automático), el acondicionador de aire seleccionará automáticamente el modo de funcionamiento en refrigeración o calefacción de acuerdo con la temperatura de la habitación. 9 Funcionamiento Funcionamiento en el modo de REFRIGERACIÓN Mando a distancia 1. Arranque la unidad Pulse el botón ON/OFF (arranque/parada) de la unidad interior o pulse ese mismo botón del mando a distancia, con lo cual la unidad se pondrá en marcha. En la pantalla LCD del mando a distancia aparecerá el modo de funcionamiento utilizado la última vez (excluidos los modos de arranque/parada con el temporizador y sueño). 2. Seleccione el modo de funcionamiento Pulse el botón MODE (modo). Cada vez que pulse este botón, el modo de funcionamiento cambiará de la manera siguiente: Mando a distancia: AUTO COOL DRY FAN HEAT AUTO > REFRIGERACIÓN > DESHUMIDIFICACIÓN > VENTILADOR > CALEFACCIÓN A continuación seleccione el modo de funcionamiento en REFRIGERACIÓN. 3. Seleccione la temperatura de consigna Pulse uno de los botones de ajuste de la temperatura (TEMP) Cada vez que pulse este botón, la temperatura de consigna aumentará 1°C.

Si lo mantiene pulsado aumentará rápidamente. . Cada vez que pulse este botón, la temperatura de consigna disminuirá 1°C. Si lo mantiene pulsado disminuirá rápidamente. Seleccione la temperatura que desee.

4. Seleccione la velocidad del ventilador Pulse el botón FAN (ventilador). Cada vez que pulse este botón, la velocidad del ventilador cambiará de la manera siguiente: Mando a distancia: LOW BAJA MED MEDIA HI ALTA AUTO AUTO Cuando está seleccionada la velocidad AUTO del ventilador, el acondicionador de aire ajusta automáticamente la velocidad del ventilador de acuerdo con la temperatura de la habitación. 5. Parada de la unidad Pulse el botón ON/OFF (encendido/apagado) con lo cual se parará la unidad.

10 Funcionamiento Funcionamiento en el modo de deshumidificación Mando a distancia 1. Arranque la unidad Pulse el botón ON/OFF (arranque/parada) de la unidad interior o pulse ese mismo botón del mando a distancia, con lo cual la unidad se pondrá en marcha. En la pantalla LCD del mando a distancia aparecerá el modo de funcionamiento utilizado la última vez (excluidos los modos de arranque/parada con el temporizador y sueño). 2. Seleccione el modo de funcionamiento Pulse el botón MODE (modo). Cada vez que pulse este botón,el modo de funcionamiento cambiará de la manera siguiente: Mando a distancia: AUTO COOL DRY FAN HEAT AUTO > REFRIGERACIÓN > DESHUMIDIFICACIÓN > VENTILADOR > CALEFACCIÓN Panel de control: A continuación seleccione el funcionamiento en el modo de DESHUMIDIIFICACIÓN. 3. Seleccione la temperatura de consigna Pulse uno de los botones de ajuste de la temperatura (TEMP) Cada vez que pulse este botón, la temperatura de consigna aumentará 1°C. Si lo mantiene pulsado aumentará rápidamente. Cada vez que pulse este botón, la temperatura de consigna disminuirá 1°C.

Si lo mantiene pulsado disminuirá rápidamente. Seleccione la temperatura que desee. 4. Seleccione la velocidad del ventilador Pulse el botón FAN (ventilador). Cada vez que pulse este botón, la velocidad del ventilador cambiará de la manera siguiente: Mando a distancia: LOW El funcionamiento en REFRIGERACIÓN se inicia cuando la temperatura de la habitación es superior a la temperatura de consigna MED MEDIA HI ALTA AUTO AUTO BAJA Caudal de aire ultrabajo Temperatura de consigna +2ºC Temperatura de consigna Al alcanzar la temperatura de consigna, la unidad pasará a funcionar en modo de DESHUMIDIFICACIÓN suave. En el modo de DESHUMIDIFICACIÓN, cuando la temperatura de la habitación alcanza un valor 2ºC por encima de la temperatura de consigna, la unidad pasa a funcionar intermitentemente a velocidad BAJA, independientemente de la velocidad seleccionada para el ventilador. 5. Parada de la unidad Pulse el botón ON/OFF (encendido/apagado) con lo cual se parará la unidad. 11 Funcionamiento Funcionamiento en el modo de VENTILADOR 1. Arranque la unidad Pulse el botón ON/OFF (arranque/parada) de la unidad interior o pulse ese mismo botón del mando a distancia, con lo cual la unidad se pondrá en marcha.

Seleccione el modo de funcionamiento Pulse el botón MODE (modo). Cada vez que pulse este botón, el modo de funcionamiento cambiará de la manera siguiente: Mando a distancia: AUTO COOL DRY FAN HEAT 2. Mando a distancia AUTO > REFRIGERACIÓN > DESHUMIDIFICACIÓN > VENTILADOR > CALEFACCIÓN A continuación seleccione el modo de funcionamiento VENTILADOR.

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