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You can read the recommendations in the user guide, the technical guide or the installation guide for HAIER H2SM-18RA03/R1. You'll find the answers to all your questions on the HAIER H2SM-18RA03/R1 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual HAIER H2SM-18RA03/R1
User guide HAIER H2SM-18RA03/R1
Operating instructions HAIER H2SM-18RA03/R1
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Instruction manual HAIER H2SM-18RA03/R1

SPLIT TYPE ROOM AIR CONDITIONER

OPERATION MANUAL

HSU-07RA03/R1(B)
HSU-09RA03/R1(B)
HSU-12RA03/R1(B)
H2SM-18RA03/R1(B)

● Please read this operation manual before using the air conditioner.

No.



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Manual abstract:

No. Cautions Safety Instructions and Warnings Disposal of the old air conditioner Before disposing an old air conditioner that Before starting the air conditioner, read the goes out of use, please make sure it's inopinformation given in the User's Guide careferative and safe. Unplug the air conditioner ully. The User's Guide contains very imporin order to avoid the risk of child entrapment. observations relating to the assembly, tant operation and maintenance of the air conditioner. It must be noticed that air conditioner system contains refrigerants, which require specialized waste disposal. The valuable materials The manufacturer does not accept responsibility for any damages that may arise due contained in an air conditioner can be recycled to .Contact your local waste disposal center for non-observation of the following instruction. proper disposal of an old air conditioner and contact your local authority or your dealer if Damaged air conditioners are not to be you have any question. Please ensure that put into operation.

In case of doubt, consult the pipework of your air conditioner does not get damagedprior to being picked up by the your supplier. relevant waste disposal center, and contribute Use of the air conditioner is to be carrie to environmental awareness by insisting on an out in strict compliance with the relative appropriate, anti-pollution method of disposal. instructions set forth in the User's Guide. Installation shall be done by professional people, don't install unit by yourself. Disposal of the packaging of your For the purpose of the safety,the air con new air conditioner ditioner must be properly grounded in accordance with specifications.

Always remember to unplug the air All the packaging materials employed in the conditioner before opening inlet grill. Never package of your new air conditioner may be unplug your air conditioner by pulling on disposed without any danger to the the power cord. Always grip plug firmly and environment. pull straight out from the outlet. @.@Inadequate repairs disposal service.

@@@ nearest to your house. 1 Cautions 7. The Do not obstruct or cover the ventilation appliance is not intended for use by grille of the air conditioner.Do not put fingersyoung children or infirm persons without supervision. or any other things into the inlet/outlet and swing louver. 8. Young children should be supervised to Do not allow children to play with the air ensure that they do not play with conditioner.In no case should children be the appliance. 9.Please employ the proper power plug, allowed to sit on the outdoor unit.

which fit into the power supply cord. Specifications 10 .The power plug and connecting cable must have acquired the local attestati 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 Minimum:D.B/W.B Maximum:D.B/W.

B Maximum:D.B Maximum:D.B Maximum:D.B/W.B Minimum:D. B/W.B 32oC/23oC 18oC/14oC 43oC/26oC 18oC 27oC 15oC 24oC/18oC -7oC/-8oC 24oC/18oC -15oC Outdoor Maximum:D.B Indoor Heating Outdoor Outdoor Maximum:D.B/W.B (VT) IEE NRR Minimum:D.

B/W.B 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. 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 CAUTION Do Connect the earth Do not install in the not get the unit Check proper place where there is exposed to vapor cable.

installation of the any possibility of or oil steam. drainage securely inflammable gas leakage around the unit. ernh atig PROHIBITION PROHIBITION STRICT ENFORCEMENT 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 Use the proper voltage 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 PROHIBITION Do not channel the air flow directly Do not try to repair or reconstruct at people, especially at infants or by yourself. the aged. PROHIBITION PROHIBITION CAUTION Do not use for the purpose of storage Take fresh air occasionally especiallynot operate the switch with of food, art work, precise equipment, when gas appliance is running at the hand.

wet breeding, or cultivation. same time. PROHIBITION STRICT ENFORCEMENT PROHIBITION Do not pour water onto the unit for cleaning Do not install the unit near a fireplace good condition of the Check or other heating apparatus. installation stand 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 Display board GEN RE RD E GEN RE RD E YLO ELW GEN RE OEAE PRT CO OL DY R HA E T TE IR M HAT ELH The conversion of pilot light's colors will be displayed as the figure under different operation models Display board Inlet Anion generator (inside) Vertical flap (Use remote controller to adjust up and down air flow. Don't adjust it manually) Air filter (inside) Inlet grille Horizontal louver (adjust left and right air flow) For multi-split type, the power plug is on the outdoor unit. Power plug Outdoor unit HSU-07RA03/R1(B) HSU-09RA03/R1(B) HSU-12RA03/R1(B) H2SM-18RA03/R1(B) OUTLET INLET CONNECTING PIPING AND ELECTRICAL WIRING DRAIN HOSE 5 Parts and Functions 11. LOCK display 12. FAN SPEED display LOW MED H I AUTO 13.

TIMER ON display 14. TEMP button Used to select your desired temperature. 15. Operation mode display Operation mode AUTO COOL DRY HEAT FAN Remote controller 16.



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17. 18. 19. 20. 21. 22.

23. 24. 1. SWING button Used to select up or down air sending direction. 25.

2. HOUR button Used to set clock and timer setting. 3. MODE button 26. Used to select operation mode.

AUTO, COOL, DRY, FAN, HEAT. 27. 4. HEALTH button 28. Used to set healthy operation. 5. CLOCK button Used to set correct time. 6. TIMER button Used to select TIMER ON, TIMER OFF, TIMER ON-OFF. 29.

7. RESET When the remote controller appears abnormal, use a sharp pointed article to press this button to reset the 30. remote controller normal 8. HEALTH display 9. SLEEP display 10. SWING UP/DOWN display SIGNAL SENDING display POWER/SOFT display Left/right air flow display TEMP display Remote controller: to display the TEMP. setting. TIMER OFF display CLOCK display FAN button Used to select fan speed: LOW, MED, HI, AUTO ON/OFF button Used for unit start and stop. SLEEP button Used to select sleep mode. HEALTH AIRFLOW button Used to set the healthy airflow mode.

SET button Used to confirm timer and clock settings. POWER/SOFT button 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. LIGHT button Colorful display bar of the controlling indoor machine is on and extinguished.

CODE Used to select CODE A or B with a press, A or B will be displayed on LCD. Please select A without special explanation. NOTE: (1) The following functions and related displays are not available and, (2) Cooling only unit do not have functions and displays related with heating. 6 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 The distance between the signal transmission head and the receiver hole should be within 7 without any obstacle as well. Don't throw or knock the remote controller. When electronic-started type fluorescent lamp or change-over type fluorescent lamp or wire telephone is installed in the room, the receiver is apt to be disturbed in receiving the s 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 "+ / -" request as illustrated on the bottom of the case. Put on the cover again. Confirmation indicator: After pressing power ON/OFF, if no display, reload the batteries. Note: Full display or unclear display during operation indicates the batteries have been used u Please change batteries. Used two new same-typed batteries when loading. If the remote controller can't run normally during operation, please remove the batteries reload several minutes later. Hint: Remove the batteries in case unit won't be in usage for a long period. If there are any disp taking-out, just need to press reset key. 7 Operation Health Operation Remote controller 1.

Unit start Link with electronic power. Press ON/OFF on the remote controller, unit starts. The liquid crystal will display the working state of last time (Except Timer, Sleep, Power/Soft and Health airflow). Then set up the comfortable working state. 2.

Select operation mode Press HEALTH button. For each press, is displayed. The pilot light of health process on the display board is on, hence healthy process begins. When indoor wind machine is running, it has healthy process function. (It's available under any mode) 3.

Unit stop Press HEALTH button, the health function stops. The pilot light of healthy process on the display board is extinguished. BRIEF INTRODUCTION TO HEALTH OPERATION The anion generator in the air conditioner can generate a lot of anion to effectively balance the quantity of position and anion in the air and also to kill bacteria and speed up the dust sediment in the room and finally clean the air in the room. Note When the fan in the indoor unit does not work, the health lamp lights up, but the anion generator does not release anion. 8 Operation Auto Operation 1. Unit start Remote controller Link with electronic power. Press ON/isabled. @@ Unit start Link with electronic power. Press ON/OFF on the remote controller, unit starts.

@@@ Operation Mode Rises 1 C 1 hr 1.

In COOL, DRY mode 1 hours after SLEEP mode starts, temp. will Unit stop T e m . p s t i n g become 1OC higher than temp. setting. After In COOL, DRY mode O another 1 hours, temp. rises by 1 C further. The unit will run for further 6 hours then stops. 2 In HEAT mode . Temp. is higher than temp. @@ will become 2 OC lower than temp. setting. After another 1 hours, temp decrease by 2 OC further. After more Remote Controller another 3 hours, temp. rises by 1OC further.

The unit will run for further 3 hours then stops. Temp. is lower than temp. @@@@4. @@@@1.

@@2. Timer mode selection Press TIMER button to change TIMER mode. @@" "or" "will flash. 3. Time setting Press HOUR button. @@@@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 flashi 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 re 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 o 16 Operation Timer On-Off Operation Remote Controller Set clock correctly before starting TIMER operation. 1. @@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 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 rap Every time the button is pressed, time setting decreases 1 min, if kept depressed, it will decrease rap 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.



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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 Selecting of **POWER** operation When you need rapid heating or cooling, you can use this function Press **POWER/SOFT** button. Every time the button is pressed, display changes as follows: **BLANK POWER SOFT** 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 Selecting of **SOFT** operation Press **POWER/SOFT** button. Every time the button is pressed, display changes as follows: **BLANK POWER SOFT** You can use this function when silence is needed for rest or read Stop the display at In **SOFT** operation mode, fan speed automatically takes "LOW" To cancel **POWER** operation Press **POWER/SOFT** button twice, **POWER/SOFT** disappears. 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 Health airflow Operation 1. Press **ON/OFF** to starting The liquid crystal will display the working state of last time (Except timer, sleeping, power/soft and health airflow).

Setting the comfort work conditions. 2. The setting of health airflow function 1). Press the button of health airflow, appears on the display. The nether inlet and outlet grills of the air condition are closed and the airflow is blown horizontally from the above inlet and outlet grills. Avoid the strong airflow blows direct the body. 2). Press the button of health airflow again, appears on the display. The above inlet and outlet grills of the air condi are closed and the airflow is blown vertically from the nether inlet and outlet grills. Avoid the strong airflow blows direct the body.

3. The cancel of the health airflow function Press the button of health airflow again, both the inlet and outlet grills of the air conditioner are opened, and the unit g on working under the condition before the setting of health airflow function. After stopping, the outlet grille will close automatically. Notice: Cannot pull direct the outlet grille by hand. Otherwise the grille will run incorrectly.

If the grille is not run corre for a minute and then start, adjusting by remote controller. Note: 1. After setting the health airflow function, the position of i and outlet grills is fixed. 2. In heating, it is better to select the mode.

3. In cooling, it is better to select the mode. 4. In cooling and dry, using the air conditioner for a long time under the high air humidity, a phenomenon falling drips of water occurs at the outlet grille. 5. Select the appropriate fan direction according to the actual conditions. 19 Operation Emergency and Test Emergency operation: Use this operation only when the remote controller is defective or lost. When the emergency operation switch is pressed, the "Pi" sound is heard once, which means the start of this operation. In this operation, the system automatically selects the operation modes, cooling or heating, according to the room temperature. When machine is running in emergency, the set value of temperature and wind speed couldn't be altered; meanwhile, it can't operate for dehumidifying or under timing mode.

Operation Test operation: Test operation switch is the same as emergency switch. Use this switch in the test operation when the room temperature is below 16OC, do not use it in the normal operation. Continue to press the test operation switch for more than 5 seconds. After you hear the "Pi" sound twice, release your finger from the switch: the cooling operation starts with the air flow speed "Hi". Removal of the restriction of emergency or test operation Press the emergency operation switch once more, or manipulate through the remote controller; the "Pi" sound, the emergency or test operation is terminated. When the remote controller is manipulated, it gets the system back to the normal operation mode. 20 Maintenance For Smart Use of The Air Conditioner Setting of proper room Do not block the air inlet temperature or outlet Proper temperature Close doors and windows Use the timer effectively during operation During cooling operation, prevent the penetration of direct sunlight with curtain or blind. If the unit is not to be Use the louvers effectively used for a long time, turn off the power supply main switch. OFF 21 Maintenance For Smart Use of The Air Conditioner WARNING Remote Controller Indoor Body Before maintenance, be sure to turn off the system and the circuit breaker. Wipe the air conditioner by using a soft and dry cloth.

For serious stains, use a neutral Do not use water, wipe the controller with a detergent diluted with water. Wring the water out of the cloth before wiping, then wipe off dry cloth. Do not use glass cleaner or chemical the detergent completely. cloth.

Do not use the following for cleaning Gasoline, benzine, thinner or cleanser may damage the coating of the unit. Hot water over 40OC(104OC) may cause discoloring or deformation. Air Filter cleaning Open the inlet grille by pulling it upward. Remove the filter. Push up the filter's center tab slightly until it is released from the stopper, and remove the filter downward.

Clean the filter. Use a vacuum cleaner to remove dust, or wash the filter with water. After washing, dry the filter completely in the shade. Attach the filter. Attach the filter correctly so that the "FRONT" indication is facing to the front. Make sure that the filter is completely fixed behind the stopper. If the right and left filters are not attached correctly, that may cause defects. Once every two weeks Close the inlet grille. 22 Maintenance Replacement of Air Purifying Filter 1. Open the Inlet Grille Open the inlet grille by pushing each ends of the inlet grille upward.

(use thumbs to push up) 2. Detach the standard air filter Slide the knob slightly upward to release the filter, then withdraw it. 3. Detach old Air Purifying Filter 4. Attach old Air Purifying Filter Detach old Air Purifying Filter Put air purifying filter appliances into the right and left filter frames. 5. Attach the standard air filter (Necessary installation) 6. Close the Inlet Grille Close the Grille surely NOTE: The air purifying filter of the bacteria-killing medium and the electrostatic air purifying filter accessories with machine will be used based on real situation.



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The bacteria-killing medium air purifying filter is available for a long time and needn't to be changed. But it must be noticed to use the vacuum cleaner frequently to adsorb the dusts covering the purifying filter lest the covering dusts effect t function of the bacteria-killing medium air purifying filter. (It is strictly proh the bacteria-killing medium air purifying filter to be washed) The green aspect of the bacteria-killing medium air purifying filter will face outs the white aspect will face to the machine. and the white side of the electrostatic purifying filter will face outside. 23 Maintenance To Keep Your Air conditioner in Good Condition after Season. Operate in cooling mode for 2-3 hours. To prevent breeding mold or bad smell, be sure to operate at the designated temperature or 30OC,cooling mode and High speed fan mode for 2-3 hours.

Put off the power supply cord. Cleaning the body. Take out the batteries from the wireless remote controller. 24 Maintenance Before Setting in High season Cleaning the standard air filter. Operation without filter may cause troubles.

Be sure to attach both right and left filters prior to the operation. Each of them are of different shapes. Connecting the earthing cable. Caution Incomplete earthing may cause an electric shock. EARTHING Do not block the air inlet or outlet. Plug-in Caution After brush away dust at the plug, insert the plug of the power supply cord into the outlet completely.In case of suing exclusive circuit breaker,switch on the circuit breaker. NO WET HAND 25 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.

@@@At first 2-3 minutes after unit start, this noise is more noticeable. @@@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 Performanc e 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 26 .



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