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You can read the recommendations in the user guide, the technical guide or the installation guide for HAIER HSU-12HVA103/R2. You'll find the answers to all your questions on the HAIER HSU-12HVA103/R2 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual HAIER HSU-12HVA103/R2
User guide HAIER HSU-12HVA103/R2
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SPLIT TYPE ROOM AIR CONDITIONER

OPERATION MANUAL

HSU-07HV03/R2(DB)
HSU-09HV03/R2(DB)
HSU-12HV03/R2(DB)
HSU-18HV03/R2(DB)
HSU-22HV03/R2(DB)
HSU-12HVB03/R2(DB)
HSU-07HVA103/R2(DB)
HSU-09HVA103/R2(DB)
HSU-12HVA103/R2(DB)
HSU-18HVA103/R2(DB)
HSU-22HVA103/R2(DB)

*Please read this operation manual before using the air conditioner
No.0010



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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. 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 contain no fluorochloric hydrocarbon. 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. Always remember to unplug the air conditioner before opening 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 performing 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.

1 Cautions Do not obstruct or cover the ventilation grille of the air conditioner. 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. Please employ the proper power plug, which fit into the power supply cord.

10. The power plug and connecting cable must have acquired the local attestation. Specifications The refrigerating circuit is leak-proof. The machine is adaptive in following situation 1. Applicable ambient temperature range: Indoor Cooling o o Maximum: D.B/W.B 32 C/23 C o Minimum: D.B/W.B 18 C/14oC o o Maximum: D.B/W.

B 43 C/26 C o 18 C 11. In order to protect the units, please turn off the A/C first, and at least 30 seconds later, cutting off the power. Outdoor Minimum: D.B Indoor Heating Outdoor Maximum: D.B Minimum: D.

B 27oC 15oC o o Maximum: D.B/W.B 24 C/18 C o o Minimum: D.B/W.B -7 C/-8 C 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. CAUTION Connect the earth cable.

Do not install in the Do not get the unit place where there is exposed to vapor any possibility of or oil steam. inflammable gas leakage around the unit. Check proper installation of the drainage securely earthing 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 OFF Connect power supply cord to the outlet completely STRICT ENFORCEMENT Use the proper voltage Do not use power supply cord extended or connected in halfway 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 Display board Inlet Air Purifying Filter (inside) Inlet grille

Vertical flap (adjust up and down air flow. Don't adjust it manually) Horizontal louver (adjust left and right air flow) Outlet Air filter(inside) Anion generator (inside) Power plug For 22k unit, the power plug is on the outdoor unit Outdoor unit HSU-07HV03/R2(DB) HSU-09HV03/R2(DB) HSU-12HV03/R2(DB) HSU-18HV03/R2(DB) HSU-12HVB03/R2(DB) HSU-07HVA103/R2(DB) HSU-09HVA103/R2(DB) HSU-12HVA103/R2(DB) HSU-18HVA103/R2(DB) HSU-22HV03/R2(DB) HSU-22HVA103/R2(DB) 1 2 OUTLET INLET 3 CONNECTING PIPING AND ELECTRICAL WIRING 4 DRAIN HOSE 5 Parts and

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TIMER ON display 19 11. FAN SPEED display LOW MED HI AUTO 12. LOCK display 13.

SWING UP/DOWN display 14. SLEEP display 15. HEALTH display 16. Operation mode display Operation mode 28 AUTO COOL DRY HEAT FAN Remote controller Display board 30 17. Signal sending display 18. POWER/SOFT display 19. Left/right air flow display 20. TEMP display Remote controller: to display the TEMP. setting. 21.

TIMER OFF display 22. TIMER display 23. TEMP button Used to select your desired temperature. 1. RESET When the remote controller appears abnormal, use a sharp pointed article to press this button to reset the remote controller normal.

24. FAN button Used to select fan speed: LOW, MED, HI, AUTO. 25. HEALTH AIRFLOW button Used to set the health airflow mode. 2.

LIGHT button Control the lightening and extinguishing of the indoor LED display board. 26. SWING UP/DOWN button Used to select up or down air sending direction. 3. TIMER button Used to select TIMER ON, TIMER OFF, TIMER ON-OFF. 27. SWING LEFT/RIGHT button Used to select left/right air flow. 28. SET button Used to confirm timer and clock settings. 4.

CLOCK button Used to set correct time. 29. POWER/SOFT button Every time the button is pressed, display changes as follows: BLANK POWER SOFT 5. SLEEP button Used to select sleep mode. 6. MODE button AUTO COOL DRY FAN HEAT 30. 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. 7.

HOUR button Used to set clock and timer setting. 8. HEALTH button Used to set healthy operation. 31. Ambient temp.

display When receiving the remote control signal, display the set temperature and in the rest time the room temperature is displayed and this room temperature is only for reference. 9. ON/OFF button Used for unit start and stop. NOTE: 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 unit. The distance between the signal transmission head and the receiver hole should be within 7m 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 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 "+" / "-" 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. @@Please change batteries. Used two new same-typed batteries when loading. @@@@For each press, is displayed. Air conditioner starts health anion function operation.

For twice press, disappears, the operation stops. When indoor fan motor is running, it has healthy process function. (It's available under any mode) When the fan in the indoor unit does not work, the health lamp lights up, but the anion generator does not release anion. POWER/SOFT BRIEF INTRODUCTION TO HEALTH ANION FUNCTION The anion generator in the air conditioner can generate a lot of anion effectively balance the quantity of position and anion press, operation mode changes as follows: Remote controller: AUTO COOL DRY FAN HEAT Then Select HEAT operation On the displaying board, colorful displaying bar will be red 3. Select temp.

setting Press TEMP. @@@@Operation Mode 1. In COOL, DRY mode 1 hours after SLEEP mode starts, temp. will become 1.0C higher than temp. setting.

After another 1 hours, temp. rises by 1.0C further. The unit will run for further 6 hours then stops. Temp. is higher than temp. @@@@setting. After another 1 hours, temp. O decrease by 2 C further. After more O another 3 hours, temp. rises by 1 C further. The unit will run for further 3 hours then stops.

Temp. is lower than temp. @@@@4. In FAN mode It has no SLEEP function. @@If it is low wind, no change. @@@@1. @@@2. Timer mode selection Press TIMER button to change TIMER mode. @@@@It can be adjusted within 24 hours. POWER/SOFT 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 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. @@@@It can be adjusted within 24 hours. POWER/SOFT 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 de 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 function. Selecting of POWER operation 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 AUTO mode for 15 min then returns to original status setting.



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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 SOFT Stop the display at In SOFT operation mode, fan speed automatically takes "AUTO" To cancel SOFT 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 Remote controller 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 conditioner are closed and the airflow is blown horizontally from the above inlet and outlet grills. Avoid the strong airflow blows direct to the body. 2).Press the button of health airflow again, appears on the display. The above inlet and outlet grills of the air conditioner are closed and the airflow is blown vertically from the nether inlet and outlet grills. Avoid the strong airflow blows direct to the body. POWER/SOFT 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 goes 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 correctly, stop for a minute and then start, adjusting by remote controller. Note: 1 .After setting the health airflow function, the position of inlet 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 Operation 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. Temperature Operation Designated mode temperature ABOVE 23OC COOLING BELOW 23OC HEATING 26OC 23OC Timer mode NO NO Air flow AUTOMATIC AUTOMATIC It is not possible to operate in dry mode. Test operation: Test operation switch is the same as emergency switch. @@Continue to press the test operation switch for more than 5 seconds. @@@@20 Maintenance For Smart Use of The Air Conditioner Setting of proper room temperature Proper temperature Do not block the air inlet or outlet 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 used Use the lowers effectively for a long time, turn off the power supply main switch. OFF 21 Maintenance For Smart Use of The Air Conditioner WARNING Before maintenance,be sure to turn off the system and the circuit breaker. Remote Controller Indoor Body Do not use water, wipe the controller with a dry cloth.Do not use glass cleaner or chemical cloth. Wipe the air conditioner by using a soft and dry cloth.For serious stains,use a neutral detergent diluted with water.Wring the water out of the cloth before wiping.then wipe off the detergent completely. Do not use the following for cleaning Gasoline,benzine, thinner or cleanser may damage the coating of the unit. Hot water over 40 C(104 F) may cause discoloring or deformation.

O O 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 Replancement 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.Attach old Air Purifying Filter Put air purifying filter appliances into the right and left filter frames. Detach old Air Purifying Filter 4.Attach the standard air filter (Necessary installation) Note: the bacteria-killing mediums placed on the left side. the multi-lights touching intermediary is placed on the right side.

5.Close the Inlet Grille Close the Grille surely NOTE: The photocatalyst air purifying filter and the bacteria-killing medium air purifying filter will be used based on real situation. The photocatalyst air purifying filter will be solarized in fixed time. In normal family, it will be solarized every 6 months. The solarization time will last no less than 8 hours under the state of abundant sun. 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 the function of the bacteria-killing medium air purifying filter. (It is strictly prohibited for the bacteria-killing medium air purifying filter to be washed)

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.



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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 using 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.

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 26 .



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