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You can read the recommendations in the user guide, the technical guide or the installation guide for HAIER HSU-09HV03-R2. You'll find the answers to all your questions on the HAIER HSU-09HV03-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-09HV03-R2
User guide HAIER HSU-09HV03-R2
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SPLIT TYPE ROOM AIR CONDITIONER

OPERATION MANUAL

HSU-07HV03/R2(DB)
HSU-09HV03/R2(DB)
HSU-09HV03/R2(SDB)
HSU-12HV03/R2(DB)
HSU-12HV03/R2(SDB)
HSU-18HV03/R2(DB)

• Please read this operation manual before using the air conditioner

No.



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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 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. 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 Do not damage any parts of the air adequate recycling. conditioner that carry refrigerant by piercing or performing the air conditioner's tubes Consult your local authorities for the name with sharp or pointed items, crushing or and address of the waste materials collecting twisting any tubes, or scraping the coatings centers and waste paper disposal services off the surfaces. If the refrigerant spurts nearest to your house. out and gets into eyes, it may result in serious eye injuries.

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

Specifications The refrigerating circuit is leak-proof. 10. The power plug and connecting cable must have acquired the local attestation. 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 Minimum: D.B/W.B 18oC/14oC o o Maximum: D.B/W.

B 43 C/26 C o 18 C 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 Minimum: D.B/W.B -15 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. 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 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 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) UV light degerming device (inside) (Only for the units of SDB) Anion generator (inside) Power plug Outdoor unit HSU-07HV03/R2(DB) HSU-09HV03/R2(DB) HSU-12HV03/R2(DB) 1 OUTLET 2 INLET 3 CONNECTING PIPING AND ELECTRICAL WIRING 4 CHANGE-FOR-FRESH-AIR BOX HSU-09HV03/R2(SDB) HSU-12HV03/R2(SDB) HSU-18HV03/R2(DB) 5 CHANGE-FOR-FRESH-AIR TUBE 6 CHANGE FOR FRESH AIR SIGNAL WIRE 7 DRAIN HOSE 5 Parts and Functions 19 18 34 24 16 17 9. HEALTH button Used to set healthy operation. 10. ON/OFF button Used for unit start and stop. 11. TIMER ON display 12. FAN SPEED display LOW 28 FRESH MED HI AUTO STERILIZE 13.

LOCK display 14.



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SWING UP/DOWN display 15. SLEEP display 16. HEALTH display 17.FRESH AIR display 18. Operation mode display Operation mode Remote controller Display board AUTO COOL DRY HEAT FAN 33 HSU-09HV03/R2(SDB) HSU-12HV03/R2(SDB) 19.Singal sending display 20. UV light degerming function display 21. Left/right air flow display 22. TEMP display Remote controller: to display the TEMP.

setting. 1.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. 23. TIMER OFF display 24. CLOCK display 25. TEMP button Used to select your desired temperature. 2.RESET When the remote controller appears abnormal, use a sharp pointed article to press this button to reset the remote controller normal.

26. FAN button Used to select fan speed: LOW,MED, HI, AUTO. 27. HEALTH AIRFLOW button Used to set the health airflow mode. 3.LIGHT button Control the lightening and extinguishing of the indoor LED display board. 28. SWING UP/DOWN button Used to select up or down air sending direction. 29. SWING LEFT/RIGHT button Used to select left/right air flow.

4. TIMER button Used to select TIMER ON, TIMER OFF, TIMER ON-OFF. 30. FRESH button Use to set fresh air function. 5. CLOCK button Used to set correct time. 31. SET button Used to confirm timer and clock settings. 6. SLEEP button Used to select sleep mode.

32. STERILIZE button Use to set UV light degerming function. 7. MODE button AUTO COOL DRY FAN HEAT 33. 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. 8. HOUR button Used to set clock and timer setting. 34.

Ambient temp.display To display the Ambient temp. NOTE:(1) The following functions and related displays are not available: 1 (2) Cooling only unit do not have functions and displays related with heating. 6 Parts and Functions 19 18 33 24 16 17 9. HEALTH button Used to set healthy operation. 10. ON/OFF button Used for unit start and stop. 11. TIMER ON display 12. FAN SPEED display LOW 28 MED HI AUTO 30 31 13.

LOCK display 14. SWING UP/DOWN display 15. SLEEP display 16. HEALTH display 17.FRESH AIR display 18. Operation mode display Operation mode Remote controller Display board AUTO COOL DRY HEAT FAN 32 HSU-07HV03/R2(DB) HSU-09HV03/R2(DB) HSU-12HV03/R2(DB)

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POWER/SOFT display 21. Left/right air flow display 22. TEMP display Remote controller: to display the TEMP. setting. 23.

TIMER OFF display 24. CLOCK display 25. TEMP button Used to select your desired temperature. 26. FAN button Used to select fan speed: LOW,MED, HI, AUTO.

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4. TIMER button Used to select TIMER ON, TIMER OFF, TIMER ON-OFF. 30. SET button Used to confirm timer and clock settings. 31. POWER/SOFT button Every time the button is pressed,display changes as follows: BLANK POWER SOFT 5. CLOCK button Used to set correct time. 6. SLEEP button Used to select sleep mode. 32.

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. MODE button AUTO COOL DRY FAN HEAT 8.

HOUR button Used to set clock and timer setting. 33. Ambient temp.display To display the Ambient temp. NOTE:(1) The following functions and related displays are not available: 1 17 (2) Cooling only unit do not have functions and displays related with heating.

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 indoor air fresh. 2.

Setting the change-for-fresh-air function under the shutdown status: Under shutdown status, press the new wind key and the remote controller displays the on status of air flow, low wind, and changefor-fresh-air functions, and now can set the timing open, timing close and time control switch. Press on-off button to cancel the change-for-fresh-air function. 9 Operation Auto Operation 1. Unit start Remote controller Press ON/OFF on the remote controller, unit starts.

2.Select operation mode Press MODE button. For each press, operation mode changes as follows: Remote controller: AUTO COOL DRY FAN HEAT Then Select Auto operation 3.Select temp.setting FRESH STERILIZE 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 increase 1 C,if kept depressed, it will decrease rapidly Select a desired temperature. 4.Fan speed selection Press FAN button. @@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. About Auto Operation Under the mode of auto operation, air conditioner will automatically select Cool or Heat operation according to room temperature. 10 Operation Cool Operation 1. Unit start Remote controller Press ON/OFF on the remote controller, unit starts.

2.Select operation mode Press MODE button. @@@@ Operation Mode 1. In COOL,DRY mode 1 hours after SLEEP mode starts, temp. will become 1OC higher than temp. setting. After another 1 hours, temp. rises by 1OC further. The unit will run for further 6 hours then stops. Temp.

is higher than temp. setting so that room temperature won't be too low for your sleep. SLEEP operation starts SLEEP operation stops Approx.6hrs Rises 1OC 1 hr 1 hr Rises 1OC Temp.setting Unit stop In COOL, DRY mode Remote Controller 2. In HEAT mode 1 hours after SLEEP mode starts, temp will become 2 OC lower than temp. setting. After another 1 hours, temp decrease by 2 OC further. After more another 3 hours, temp. rises by 1OC further.

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



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setting so that room temperature won't be too high for your sleep. Temp.

setting 1 hr Decreases 2OC 1 hr Decreases 2OC 3 hrs 3 hrs SLEEP operation starts Rises 1OC Unit stop SLEEP operation stops In HEAT mode FRESH STERILIZE 3. In AUTO mode The unit operates in corresponding sleep mode adapted to the automatically selected operation mode. 4. In FAN mode It has no SLEEP function. 5.

Set the wind speed change when sleeping If the wind speed is high or middle before setting for the sleep, set for lowering the wind speed after sleeping. If it is low wind, no change. 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 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. FRESH STERILIZE 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. 17 Operation Timer On-Off Operation Remote Controller 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 FRESH 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 rapidly. It can be adjusted within 24 hours. STERILIZE 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. 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. STERILIZE FRESH 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. Use this switch in the test operation when the room O temperature is below 16 C, 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". @@@@Note: the bacteria-killing mediums placed on the left side. the multi-lights touching intermediary is placed on the right side. Common sense: 1. For the units with UV light degerming function, the air purifying filter of the bacteria-killing medium and the multi-lights touching intermediary is effective for a long time and don't need to be changed (UV light emitted by the UV light device of the indoor unit catalytically activates the nano TiO2 on the multi-lights touching intermediary, and the degerming effect is highly efficient and lasting.

multi-lights touching intermediary don't need to be exposed to the sunlight. 2. For the units without UV light degerming function, the air purifying filter of the multi-lights touching intermediary will be solarized in fixed time.



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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. 3. But in the use, please note to clean the filter frequently (take off the back suction cleaner or lightly pat it) to avoid the operating effect is lowered due to the dust covering the filter. Multi-lights touching intermediary and bacteria-killing medium filter is strictly prohibited from being cleaned by water. The the bacteria-killing medium filter not in use should be stored in shade, cool and dry place. Please don't expose it to the sunlight for a long time otherwise the degerming performance will drop. 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 30°C, 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 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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