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You can read the recommendations in the user guide, the technical guide or the installation guide for HAIER AS12GS1ERA. You'll find the answers to all your questions on the HAIER AS12GS1ERA in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual HAIER AS12GS1ERA
User guide HAIER AS12GS1ERA
Operating instructions HAIER AS12GS1ERA
Instructions for use HAIER AS12GS1ERA
Instruction manual HAIER AS12GS1ERA



AS07GS1ERA
AS09GS1ERA
AS12GS1ERA

Contents

| | |
|--------------------------|----|
| PARTS AND FUNCTIONS | 2 |
| OPERATION | 3 |
| INDOOR UNIT INSTALLATION | 5 |
| MAINTENANCE | 9 |
| CAUTIONS | 10 |
| TROUBLE SHOOTING | 11 |

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

0010535380



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Manual abstract:

Keep this operation manual for future reference. 0010535380 Parts and Functions Indoor Unit 1 8 1 2 5 3 Remote controller 10 6 7 8 9 4 11 FAN 2 13 18 ON/OFF 3 4 5 1 2 3 4 5 6 7 12 21 19 MODE SWING POWER/SOFT 15 23 20 14 TIMER CLOCK LIGHT SET SLEEP Inlet Inlet grille Outlet Vertical blade (adjust left and right air flow) 6 7 8 Display board Emergency Switch Air Purifying Filter (inside) 16 22 17 LOCK RESET Horizontal flap (adjust up and down air flow. Don't adjust it manually) 1. Mode display Please be subject to the actual produce purchased the above picture is just from your reference Operation mode Remote controller AUTO COOL DRY HEAT FAN 2. SWING display 3. FAN SPEED display Outdoor Unit 9. CLOCK display 10.TEMP display 11. POWER ON/OFF button 12. MODE button 13.

FAN button 14. HOUR button 15. SWING button 16. SLEEP button 17. LOCK button Used to lock buttons and LCD display.

18. TEMP.SETTIN button 19. SET / LIGHT button 20. TIMER button 21.

CLOCK button Used to set correct time. 22. RESET button When the remote controller appears abnormal, use a sharp pointed article to press this button to reset the remote controller normal. 23. HOUR / POWER/SOFT button Used to set clock and timer setting. Every time the button is pressed, display changes as follows: BLANK POWER SOFT AUTO LO MED HI 4. SLEEP display 5. LOCK display 6. SIGNAL SENDING 7. TIMER OFF display 8.

TIMER ON display 4 Loading of the battery OUTLET INLET CONNECTING PIPING AND ELECTRICAL WIRING 1 Remove the battery cover; 2 Load the batteries as illustrated. 4 is in line with the " + "/"-"; Load the battery,then put on the cover again. DRAIN HOSE Please be subject to the actual produce purchased the above picture is just from your reference 3 Be sure that the loading 2 R-03 batteries, resetting key (cylinder); Clock set Press CLOCK button, "AM" or "PM" flashes. Press or to set correct time. Each press will increase or decrease 1min. If the button is kept pressed,time will change quickly. After time setting is confirmed,press SET, "AM "and "PM" stop flashing,while clock starts working. POWER/SOFT TIMER CLOCK LIGHT Note: The distance between the signal transmission head and the receiver hole should be within 7m without any obstacle as well. When electronic-sta rted type fluorescent lamp or change- over type fluorescent lamp or wireless telephone is installed in the room, the recei ver is apt to be disturbed in receiving the signals, so the distance to the indoor unit should be shorter. Full display or unclear display during operation indicates the batteries have been used up.

Please change batteries. @@@@and fan speed,It is also not possible to operate in timer or dry mode. 1. Unit start Press ON/OFF on the remote controller, unit starts. Test operation: Test operation switch is the same as emergency switch.

Use this switch in the test operation when the room temperature is below 16 C, do not use it in the normal operation. o 2.Select operation mode Press MODE button. For each press, operation mode changes as follows: Remote controller: AUTO COOL DRY HEAT FAN 3.Select temp.

setting Press button Every time the button is pressed, temp.setting increase 1oC,if kept depressed, it will increase rapidly Every time the button is pressed, temp.setting decrease 1oC,if kept depressed, it will decrease rapidly Select a desired temperature. 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 test operation switch Pi Pi operation starts with the air flow speed "Hi". Under this operation mode,the fan motor of indoor unit will run in high speed. Air Flow Direction Adjustment 1.Status display of air flow Vertical flap Pos.1 blank Pos.2 Pos.

4 Pos.3 4.Fan speed selection Press FAN button. For each press, fan speed changes as follows: Remote controller: AUTO LO MED HI (Auto swing) 2.Left and right air flow adjustment(manual) Move the vertical blade by a knob on air conditioner to adjust left and right direction referring to Fig. Air conditioner is running under displayed fan speed. When FAN is set to AUTO, the air conditioner automatically adjusts the fan speed according to room temperature. Operation Mode Remote Controller Note Under the mode of auto operation, air conditioner will automatically select Cool or Heat operation according to room temperature When FAN is set to AUTO the air conditioner automatically adjusts the fan speed according to room temperature. Cautions: When adjusting the flap by hand,turn off the unit. When humidity is high,condensate water might occur at air outlet if all vertical louvers are adjusted to left or right.

It is advisable not to keep horizontal flap at downward position for a long time in COOLor DRY mode , otherwise, condensate water might occur. Note: When restart after remote turning off, the remote controller will automatically memorize the previous set swing position. 3 AUTO COOL DRY HEAT In DRY mode , when room temperature becomes lower than temp.setting+2 o C, unit will run intermittently at LOW speed regardless of FAN setting. 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. 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.

FAN Operation Sleep Operation Before going to bed,you can simply press the SLEEP button and unit will operate in SLEEP mode and bring you a sound sleep. 3. In AUTO mode The unit operators in corresponding sleep mode adapted to the automatically selected operation mode. 4. In FAN mode It has no SLEEP function. 5. When quiet sleeping function is set to 8 hours , the quiet sleeping time can not be adjusted. When TIMER function is set , the quiet sleeping function can't be set up. After the sleeping function is set up, if user resets TIMER function, the sleeping function will be cancelled; the machine will be in the state of timing-on, if the two modes are set up at the same time, either of their operation time is ended first, the unit will stop automatically, and the other mode will be cancelled. Use of SLEEP function After the unit starts,set the operation status, then press SLEEP button before which the clock must be adjusted and time being set.

Power Failure Resume Function 1. If the unit is started for the first time, the compressor will not start running unless 3 minutes have elapsed. When the power resumes after power failure, the unit will run automatically, and 3 minutes later the compressor starts running.



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2. Note to the power failure resume: press the sleep button ten times in five seconds and enter this function after hearing four sounds. And press the sleep button ten times within five seconds and leave this function after hearing two sounds. 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 1 C O POWER/SOFT Operation (1) POWER Operation 1 hr 1 hr Rises 1OC Temp. setting Unit stop In COOL, DRY mode When you need rapid heating or cooling, you can use this function. In COOL mode, fan speed automatically takes high speed of AUTO fan mode. In HEAT mode, fan speed automatically takes medium speed of AUTO fan mode.

(2) SOFT Operation 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. 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 Rises 1OC You can use this function when silence is needed for rest or reading. In SOFT operation mode, fan speed automatically takes low speed of AUTO fan mode. Note During POWER operation, in rapid HEAT or COOL mode the room will show uniform temperature distribution. Long period SOFT operation will cause effect of not too cool or not too warm. To cancel POWER or SOFT operation

Press POWER/SOFT button again, POWER or SOFT disappears. Unit stop SLEEP operation starts SLEEP operation stops In HEAT mode 4 Operation

Timer On/Off On-Off Operation Set clock correctly before starting TIMER operation. 1. After unit starts, select your desired operation mode. 2.

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 parliament, herewith we inform the consumer about the disposal requirements of the electrical and electronic products. DISPOSAL

REQUIREMENTS: Your air conditioning product is marked with this symbol. This means that electrical and electronic products shall not be mixed with unsorted household waste. Do not try to dismantle the system yourself: the dismantling of the air conditioning system, treatment of the refrigerant, of oil and of other part must be done by a qualified installer in accordance with relevant local and national legislation.

Air conditioners must be treated at a specialized treatment facility for reuse, recycling and recovery. By ensuring this product is disposed of correctly, you will help to prevent potential negative consequences for the environment and human health. Please contact the installer or local authority for more information. @@" "or " "will flash. 3.

Press / button to set time. It can be adjusted within 24 hours. @@@@According to the Time setting sequence of TIMER ON or TIMER OFF, either Start-Stop or Stop-Start can be achieved. IMPORTANT INFORMATION REGARDING THE REFRIGERANT USED Contains fluorinated greenhouse gases covered by the Kyoto Protocol A B C R410A 2 1 1= 2= 1+2= kg kg kg D F E EUROPEAN REGULATIONS CONFORMITY FOR THE MODELS CE All the products are in conformity with the following European provision: - Low Voltage Directive 73/23/EEC - Low Voltage Directive 2006/em. 3. Coat the flaring seal face with refrigerant oil and connect pipes. @@When bending, be careful not to crash pipes. @@@@Move the body from side to side to verify its secure fixing. @@@@2. @@@@The gap with the There is the bad high midway.

ersed in water. ground is too small. @@@@The type of connecting wire is H05RN-F or H07RN-F. 2. If the fuse on PC board is broken please change it with the type of T.3.15A/250VAC (Indoor). 3. The wiring method should be in line with the local wiring standard. 4.

After installation, the power plug should be easily reached. 5. A breaker should be incorporated into fixed wiring. The breaker should be all-pole switch and the distance between its two contacts should be not less than 3mm. E7 E 14 Indoor fan motor multifunction Power Source Installation The power source must be exclusively used for air conditioner.

In the case of installing an air conditioner in a moist place, please install an earth leakage breaker. For installation in other places, use a circuit breaker as far as possible. Check for Installation and Test Run Please kindly explain to our customers how to operate through the instruction manual. Check Items for Test Run Put check mark in boxes Gas leak from pipe connecting? Heat insulation of pipe connecting? Are the connecting wirings of indoor and outdoor firmly inserted to the terminal block? Is the connecting wiring of indoor and outdoor firmly fixed? Is drainage securely carried out? Is the earth line securely connected? Is the indoor unit securely fixed? Is power source voltage abided by the code? Is there any noise? Is the lamp normally lighting? Are cooling and heating (when in heat pump) performed normally? Is the operation of room temperature regulator normal? Cutting and Flaring Work of Piping Pipe cutting is carried out with a pipe cutter and burs must be removed. After inserting the flare nut, flaring work is carried out.

Flare tool for R410A Clutch-type A 0~0.5mm Conventional flare tool clutch-type (Rigid-type) Wing-nut type (Imperial-type) 1.0~1.5mm 1.5~2.0mm Flare tooling die 1. Cut pipe 2. Remove burs 3. Insert the flare nut 4. Flare pipe 8 Maintenance For Smart Use of The Air Conditioner Setting of proper room temperature Proper temperature Do not block the air inlet or outlet 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 Close doors and windows during operation Use the timer effectively Gasoline, benzine, thinner or cleanser may damage the coating of the unit. Hot water over 40 C (104O F) may cause discoloring or deformation. During cooling operation prevent the penetration of direct sunlight with curtain or blind 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. If the unit is not to be used for a long time, turn off the power supply main switch.

Use the louvers effectively Clean the filter.



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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. OFF Once every two weeks Close the inlet grille. Replacement of Air Purifying Filter 1. Open the Inlet Grille Prop up the inlet grille by using a small device named grille-support which located in the right side of the indoor unit.

4. Attach the standard air filter (Necessary installation) ATTENTION: The white side of the photocatalyst air purifying filter face outside, and the black side face the unit. The green side of the bacteria-killing medium air purifying filter face outside, and the white side face the unit. 2. Detach the standard air filter Slide the knob slightly upward to release the filter, then withdraw it. 5. Close the Inlet Grille Close the Grille surely Detach old Air Purifying Filter NOTE: The photocatalyst air purifying filter will be solarized in fixed time. In normal family, it will be solarized every 6 months. The bacteria-killing medium air purifying filter will be used for a long time, no need for replacement. But in the period of using them, you should remove the dust frequently by using vacuum cleaner or flapping them lightly, otherwise, its performance will be affected. Please keep the bacteria-killing medium air purifying filter in the cool and dry conditions avoid long time directly sunshine when you stop using it, or its ability of sterilization will be reduced.

3. Attach Air Purifying Filter Put air purifying filter appliances into the right and left filter frames. 9 Cautions 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. 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 Check proper installation of the drainage securely STRICT ENFORCEMENT OFF Connect power supply cord to the outlet completely STRICT ENFORCEMENT Use the proper voltage STRICT STRICT ENFORCEMENT ENFORCEMENT Take care not to damage Do not use power supply the power supply cord. cord in a bundle. 1. Do not use power supply cord extended or connected in halfway 2. Do not install in the place where there is any possibility of inflammable gas leakage around the unit.

3. Do not get the unit exposed to vapor or oil steam. 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. Do not try to repair or reconstruct by yourself. PROHIBITION Connect the earth cable. PROHIBITION earthing PROHIBITION CAUTION Do not use for the purpose of storage of food, art work, precise equipment, breeding, or cultivation. Take fresh air occasionally especially when gas appliance is running at the same time. Do not operate the switch with wet hand.

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 10 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, paint, cigarettes. During COOL or DRY operation, indoor unit may blow out mist. This is due to the sudden cooling of indoor air. In DRY mode, when room temperature becomes lower than temp. setting+2 oC, unit will run intermittently at LOW speed regardless of FAN setting. Is power plug inserted? Is there a power failure? Is fuse blownout? 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 lower.

Do not allow children to play with the air conditioner. In no case should children be allowed to sit on the outdoor unit. Specifications The refrigerating circuit is leak-proof. The machine is adaptive in following situation 1. Applicable ambient temperature range: Maximum: D.

B/W.B 32oC/23oC Minimum: D.B/W.B 21oC/15oC Maximum: D.B/W.

B 46oC/26oC 18oC Maximum: D.B 27oC Minimum: D.B 15oC Maximum: D.B/W.B 24oC/18oC Minimum: D.B/W.B - 7 oC/-8oC Minimum: D.B -15oC Noise is heard Indoor Cooling Outdoor Minimum: D.B Indoor Heating Outdoor Normal Performance inspection o o Outdoor Maximum: D.B/W.

B 24 C/18 C (INVERTER) Smells are generated. Mist or steam are blown out. 2. If the power supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similar qualified person. @@3.15A/ 250V. @@The wiring method should be in line with the local wiring standard. 5. @@The waste battery should be disposed properly. 7.

@@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. 11. In order to protect the units, please turn off the A/C first, and at least 30 seconds later, cutting off the power. Multiple check Poor cooling 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? Haier Group Address: No.

1 Haier Road, Hi-tech Zone, Qingdao 266101 P.



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