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You can read the recommendations in the user guide, the technical guide or the installation guide for HAIER HSU-18HVA103/R2. You'll find the answers to all your questions on the HAIER HSU-18HVA103/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-18HVA103/R2  
User guide HAIER HSU-18HVA103/R2  
Operating instructions HAIER HSU-18HVA103/R2  
Instructions for use HAIER HSU-18HVA103/R2  
Instruction manual HAIER HSU-18HVA103/R2

## Installation Manual of Room Air Conditioner

- Read this manual before installation
- Explain sufficiently the operating means to the user according to this manual.

### Necessary Tools for Installation

- |                            |                                  |   |            |
|----------------------------|----------------------------------|---|------------|
| 1. Driver                  | 5. Torque wrench(17mm,22mm,26mm) | 9. Nipper   | 12. Reamer |
| 2. Hack saw                | 6. Pipe cutter                   | 10. Gas leakage detector or soap-and-water solution |            |
| 3. Hole cone drill         | 7. Flaring tool                  | 11. Measuring tape                                  |            |
| 4. Spanner(17,19 and 26mm) | 8. Knife                         |   |            |

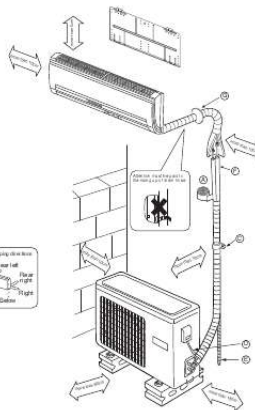
### Drawing for the installation of indoor and outdoor units

※ The models adapt HFC free refrigerant R410A

#### Accessory parts

No.	Accessory parts	Quantity
①	Remote controller	1
②	R/32 dry battery	2
③	Mounting plate	1
④	Drain hose	1
⑤	Plastic cap	4
⑥	Drain-elbow	1
⑦	Caution	4

Mark	Parts name
ⓐ	Non-adhesive tape
ⓑ	Adhesive tape
ⓒ	Seal cap, ② with screws
ⓓ	Connecting electric cable for indoor and outdoor
ⓔ	Drain hose
ⓕ	Heating insulating material
ⓖ	Piping hole cover



※ The marks from ⓐ to ⓖ in the figure are the parts numbers.  
※ The distance between the indoor unit and the floor should be more than 2m.

No.0010



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### Manual abstract:

Necessary Tools for Installation 1.Driver 2.Hacksaw 3.Hole core drill 4.Spanner(17,19 and 26mm) 5.Torque wrench(17mm,22mm,26mm) 6.Pipe cutter 7.Flaring tool 8.Knife 9.Nipper 10.

Gas leakage detector or soap-and-water solution 11.Measuring tape 12.Reamer Drawing for the installation of indoor and outdoor units The models adopt HFC free refrigerant R410A Accessory parts more than 5cm more than 10cm No. 1 2 Accessory parts Remote controller Number of articles 1 2 1 Optional parts for piping Mark Parts name Non-adhesive tape Adhesive tape Saddle(L.S) with screws Connecting electric cable for indoor and outdoor Drain hose Heating insulating material Piping hole cover R-03 dry battery 3 Mounting plate G 4 Drain hose 1 4X25 Screw Plastic cap A B more than 5 6 7 4 1 4 C D E F n1 0cm Attention must be paid to the rising up of drain hose F A Drain-elbow Cushion G C Arrangement of piping directions more than Rear left Left Rear right Right Below n1 0cm m 10cm more than more than 15cm The marks from A to G in the figure are the parts numbers.

No.0010 The distance between the indoor unit and the floor should be more than 2m. HSU-07HV03/R2(DB) HSU-09HV03/R2(DB) HSU-12HV03/R2(DB) HSU-12HVB03/R2(DB) 256 HSU-18HV03/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) 140 500 140 113.5 583 113.5 Floor fixing dimensions of the outdoor unit (Unit:mm) Floor fixing dimensions of the outdoor unit (Unit:mm) Fixing of outdoor unit Fix the unit to concrete or block with bolts( 10mm) and nuts firmly and horizontally.

When fitting the unit to wall surface, roof or rooftop, fix a supporter surely with nails or wires in consideration of earthquake and strong wind. If vibration may affect the house, fix the unit by attaching a vibration-proof mat. Indoor Unit Selection of Installation Place 319.5 Outdoor Unit Place, robust not causing vibration, where the body can be supported sufficiently. Place, not affected by heat or steam generated in the vicinity, where inlet and outlet of the unit are not disturbed. Place, possible to drain easily, where piping can be connected with the outdoor unit. Place, where cold air can be spread in a room entirely. Place, nearby a power receptacle, with enough space around. (Refer to drawings). Place where the distance of more than 1m from televisions, radios, wireless apparatuses and fluorescent lamps can be left.

In the case of fixing the remote controller on a wall, place where the indoor unit can receive signals when the fluorescent lamps in the room are lightened.

Place, which is less affected by rain or direct sunlight and is sufficiently ventilated. Place, possible to bear the unit, where vibration and noise are not increased. Place, where discharged wind and noise do not cause a nuisance to the neighbors. @@The power source is the same as the corresponding name plate. Install an exclusive branch circuit of the power. @@@@The thickness of the pipe must be 0.8 mm at least. HSU-07HV03/R2(DB) HSU-09HV03/R2(DB) HSU-12HVB03/R2(DB) HSU-07HVA103/R2(DB) HSU-09HVA103/R2(DB) HSU-12HVA103/R2(DB) HSU-12HV03/R2(DB) HSU-18HV03/R2(DB) HSU-22HV03/R2(DB) HSU-18HVA103/R2(DB) HSU-22HVA103/R2(DB) Liquid pipe( Gas pipe( ) ) 6.35mm(1/4") 9.

52mm(3/8") 6.35mm(1/4") 12.7mm(1/2") 2 Indoor unit 1.Fitting of the Mounting Plate and Positioning of the wall Hole When the mounting plate is first fixed 1.Carry out, based on the neighboring pillars or lintels, a proper leveling for the plate to be fixed against the wall, then temporarily fasten the plate with one steel nail.

2. Make sure once more the proper level of the plate, by hanging a thread with a weight from the central top of the plate, then fasten securely the plate with the attachment steel nail. 3. Find the wall hole location A using a measuring tape A=80mm Fit the level line When the mounting plate is fixed side bar and lintel Fix to side bar and lintel a mounting bar, Which is separately sold, and then fasten the plate to the fixed mounting bar. Refer to the previous article, " position of wall hole.

When the mounting plate is first fixed ", for the 2.Making a Hole on the Wall and Fitting the Piping Hole Cover Make a hole of 70 mm in diameter, slightly descending to outside the wall. Install piping hole cover and seal it off with putty after installation Indoor side Wall hole 70mm Outdoor side Thickness of wall (Section of wall hole) G Piping hole pipe 3.Installation of the Indoor Unit Drawing of pipe [ Rear piping ] Draw pipes and the drain hose, then fasten them with the adhesive tape [ Left Left-rear piping ] In case of left side piping, cut away, with a nipper, the lid for left piping. In case of left-rear piping, bend the pipes according to the piping direction to the mark of hole for left-rear piping which is marked on heat insulation materials. 3 35 Indoor unit 1. Insert the drain hose into the dent of heat insulation materials of indoor unit. 2. Insert the indoor/outdoor electric cable from backside of indoor unit, and pull it out on the front side, then connect them. 3.

Coat the flaring seal face with refrigerant oil and connect pipes. Cover the connection part with heat insulation materials closely, and make sure fixing with adhesive tape Heat insulation material Lid for right piping Lid for under piping Lid for left piping Drain hose Piping Pipe supporting plate Indoor/outdoor electric cable Fix with adhesive tape Indoor/outdoor electric cable and drain hose must be bound with refrigerant piping by protecting tape. [Other direction piping] Cut away, with a nipper, the lid for piping according to the piping direction and then bend the pipe according to the position of wall hole. When bending, be careful not to crash pipes. Connect beforehand the indoor/outdoor electric cable, and then pull out the connected to the heat insulation of connecting part specially. Fixing the indoor unit body Hang surely the unit body onto the upper notches of the mounting plate. Move the body from side to side to verify its secure fixing. In order to fix the body onto the mounting plate,hold up the body aslant from the underside and then put it down perpendicularly. 4.Connecting the indoor/outdoor Electric Cable Removing the wiring cover Remove terminal cover at right bottom corner of indoor unit, then take off wiring cover by removing its screws.

When connecting the cable after installing the indoor unit 1. Insert from outside the room cable into left side of the wall hole, in which the pipe has already existed. 2. Pull out the cable on the front side, and connect the cable making a loop. 4 Indoor unit When connecting the cable before installing the indoor unit Insert the cable from the back side of the unit, then pull it out on the front side.



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Loosen the screws and insert the cable ends fully into terminal block, then tighten the screws. Pull the cable slightly to make sure the cables have been properly inserted and tightened. After the cable connection, never fail to fasten the connected cable with the wiring cover. Note: When connecting the cable, confirm the terminal number of indoor and outdoor units carefully. If wiring is not correct, proper operation can not be carried out and will cause defect.

L Indoor unit Outdoor unit Indoor unit { POWER PLUG N 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) Outdoor unit HSU-22HVA103/R2(DB) Power cable: -mod 07-09-12: 3G1.5mm2 -mod 18-22: 3G2.5mm2 claw of the clip 5.Easily-demount cleaning of indoor unit 1.Top inlet can be taken down Open the inlet grille, press the claw of the clip on the unit,then take down the top inlet.(according to figure 1) 2.Vertical flap can be taken down Overturn the vertical flap, press the claw of the clip ,then take down vertical flap.(according to figure 2) 3.Horizontal louvers can be taken down After taking down vertical flap.Horizontal louvers are appeared,draw the middle louver,and take down the horizontal louvers .

(according to figure 3) Figure 2 Figure 1 Figure 2 Daff Figure 3 5 Outdoor unit 1.Installation of Outdoor Unit Install according to Drawing for the installation of indoor and outdoor units 2.Connection of pipes To bend a pipe, give the roundness as large as possible not to crush the pipe ,and the bending radius should be 30 to 40 mm or longer. Connecting the pipe of gas side first makes working easier. The connection pipe is specialized for R410A. Flare nut Forced fastening without careful centering Half union may damage the threads and cause a leakage of gas. Pipe Diameter ( ) Fastening torque 18N.m 40N.m 55N.m Liquid side 6.

35mm(1/4") Gas side 9.52mm(3/8") Spanner Torque wrench Gas side 12.7mm(1/2") Be careful that matters, such as wastes of sands, etc. shall not enter the pipe. The standard pipe length is 5m.

If it is over 5m, the function of the unit will be affected. If the pipe has to be lengthened, the refrigerant should be charged, according to 20 g/m. @@@@ Open the handle at low in gaugemanifold, operate vacuum pump. @@@@ Check the condition of the scale and hold it for 1-2min. @@@@ If leakage stops, then proceed steps.

@@@@ Turn the valve rod anticlockwise until hitting Non cercare di demolire il sistema da soli: la demolizioni dei sistemi di condizionamento, nonché il recupero del refrigerante, dell'olio e di qualsiasi altra parte devono essere eseguiti da un installatore qualificato in conformità alla legislazione locale e nazionale vigente in materia.I climatizzatori devo essere trattati presso una struttura specializzata nel riutilizzo, riciclaggio e recupero dei materiali.

@@@@ WEEE In accordance with the directive 2002/96/CE of the European 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 re-use, 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. Battery must be removed from the remote controller and disposed of separately in accordance with relevant local and national legislation.

FR CONFORMITÉ AUX DIRECTIVES EUROPÉENNES POUR LES MODÈLES: CE Tous les produits sont conformes aux directives européennes suivantes: - Directive 73/23/CEE Basse tension - Directive 2006/95/CE Basse tension - Directive 89/336/CEE Compatibilité électromagnétique - Directive 2004/108/CE Compatibilité électromagnétique ROHS L'appareil est conforme à la directive 2002/95/CEE relative à la limitation de l'utilisation de certains substances dangereuses dans les équipements électriques et électroniques. DEEE (WEEE) Information au consommateur comme le prévoit la directive européenne 2002/96/CE relative aux déchets d'équipements électriques et électroniques. SPECIFICATIONS POUR L'ELIMINATION: Ce pictogramme, apposé sur le climatiseur, signifie que les équipements électriques et électroniques ne peuvent pas être éliminés avec les déchets ménagers non triés. Ne pas essayer de démanteler l'équipement soi-même: le démantèlement des systèmes de climatisation, ainsi que la récupération du frigorigène, de l'huile et de toute autre partie doivent être effectués par un installateur qualifié conformément à la législation locale et nationale en vigueur en la matière. Les climatiseurs doivent être traités dans un centre spécialisé dans la réutilisation, le recyclage et la valorisation des matériaux. L'élimination correcte de ces appareils permet d'éviter les effets nocifs sur l'environnement et la santé humaine. Pour plus de renseignements contacter l'installateur ou les autorités locales. Les piles doivent être retirées de la télécommande et éliminées séparément, conformément à la législation locale et nationale en vigueur en la matière. Haier Industrial Park, No.1 Haier Road, Qingdao, P.

R.China ES CONFORMIDAD EUROPEA DE LAS REGULACIONES PARA LOS MODELOS: CE Todos los productos están en conformidad con las siguientes Normativas Europeas: - Bajo Voltaje directiva 73/23/EEC - Bajo Voltaje directiva 2006/95/EC - Compatibilidad electromagnética 89/336/EEC - Compatibilidad electromagnética 2004/108/EC ROHS Los productos cumplen los requisitos de la directiva 2002/95/EEC del parlamento Europeo y el consejo regulador Del uso de materiales peligrosos en equipamientos eléctricos Y electrónicos. (EU RoHS Directiva). WEEE De acuerdo con la directiva 2002/96/CE del parlamento Europeo, Informamos al consumidor acerca del reciclaje de los productos Electrónicos y eléctricos.



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**REQUISITOS PARA LA ELIMINACIÓN:** Su acondicionador de aire está marcado con este símbolo.

Esto significa que los productos eléctricos y electrónicos no deben mezclarse con el resto de residuos domésticos no clasificados. No intente desmontar el sistema usted mismo: El desmantelamiento del acondicionador de aire, así como el tratamiento del refrigerante, aceite y otros componentes, debe ser efectuado por un instalador competente de acuerdo con las normas locales y nacionales aplicables. Los acondicionadores de aire deben ser tratados en instalaciones especializadas para su reutilización, reciclaje y recuperación. Al asegurarse de desechar este producto de la forma correcta, está contribuyendo a evitar posibles consecuencias negativas para el entorno y para la salud de las personas. Contacte, por favor, con el instalador o con las autoridades locales para obtener más información.

Las pilas del control remoto deben extraerse y eliminarse por separado y de acuerdo con la normativa local y nacional aplicable. Haier Industrial Park, No.1 Haier Road, Qingdao, P.R.China

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 IT

**INFORMAZIONI IMPORTANTI SUL REFRIGERANTE UTILIZZATO** L'etichetta compilata deve essere collocata in prossimità della portata di carica del prodotto (ad esempio, nell'interno del coperchio della valvola d'intercettazione). A B C D E F contiene gas fluorurati ad effetto serra inclusi nel protocollo di Kyoto carica di refrigerante di fabbrica del prodotto: vedi targhetta con il nome dell'unità quantità di refrigerante aggiuntiva nel campo carica di refrigerante totale unità esterna cilindro del refrigerante e collettore di carica Questo prodotto contiene gas fluorurati ad effetto serra inclusi nel Protocollo di Kyoto. Non liberare tali gas nell'atmosfera. @@onto the inside of the stop valve cover). @@Do not vent into the atmosphere. @@@@A B C D E F contient des gaz à effet de serre fluorés encadrés par le protocole de Kyoto charge de réfrigérant d'usine du produit: voir plaquette signalétique de l'unité quantité de réfrigérant supplémentaire chargée sur place charge de réfrigérant totale unité extérieure cylindre de réfrigérant et collecteur de recharge Ce produit contient des gaz à effet de serre fluorés encadrés par le protocole de Kyoto.

Ne pas laisser les gaz s'échapper dans l'atmosphère. Type de réfrigérant: R410A Valeur GWP\*: 1975 \*GWP = potentiel de réchauffement global Prière de compléter à l'encre indélébile, -1 la charge de réfrigérant d'usine du produit -2 la quantité de réfrigérant supplémentaire chargée sur place et · 1+2 la charge de réfrigérant totale sur l'étiquette de charge de réfrigérant fournie avec le produit. Haier Industrial Park, No.1 Haier Road, Qingdao, P.R.China

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 ES **INFORMACIÓN IMPORTANTE EN RELACIÓN AL REFRIGERANTE UTILIZADO** La etiqueta rellena debe pegarse cerca de la conexión de carga del producto (p.ej. en el interior de la cubierta de la válvula de tope). A B C D E F Contiene los gases fluorados de efecto invernadora regulados por el Protocolo de Kioto Carga de refrigerante de fábrica del producto: véase placa de especificaciones técnicas de la unidad Cantidad adicional de refrigerante cargado en campo Carga total de refrigerante Unidad exterior Cilindro del refrigerante y dosificador de carga Este producto contiene los gases fluorados de efecto invernadora regulados por el Protocolo de Kioto. No vierta gases a la atmósfera.

Tipo de refrigerante: R410A Valor GWP\*: 1975 \*GWP = Potencial de calentamiento global Rellene con tinta indeleble, -1 la carga de refrigerante de fábrica del producto -2 la cantidad adicional de refrigerante cargado en campo y · 1+2 la carga total de refrigerante En la etiqueta de carga de refrigerante suministrada con el producto. .



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