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You can read the recommendations in the user guide, the technical guide or the installation guide for HAIER HSU-22H03/V. You'll find the answers to all your questions on the HAIER HSU-22H03/V 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-22H03/V
User guide HAIER HSU-22H03/V
Operating instructions HAIER HSU-22H03/V
Instructions for use HAIER HSU-22H03/V
Instruction manual HAIER HSU-22H03/V

Installation Manual of Room Air Conditioner

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

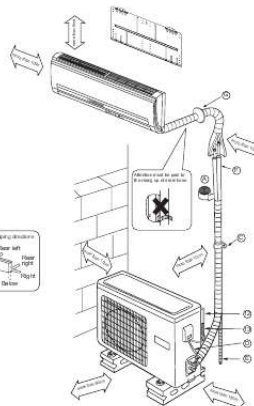
Necessary Tools for Installation			
1. Driver	5. Torque wrench(17mm,22mm,26mm)	9. Nipper	12. Restner
2. Hacksaw	6. Pipe cutter	10. Gas leakage detector or soap-and-water solution	
3. Hole core drill	7. Flaring tool	11. Measuring tape	
4. Spanner(17,19 and 26mm)	8. Knife		

Drawing for the installation of indoor and outdoor units

Accessory parts

No.	Accessory parts	Quantity
①	Remote controller	1
②	6.03 dry battery	2
③	Mounting plate	1
④	Drill hole	1
⑤	Self-tapping screw φ4X50	6
⑥	Plastic cap φ4X23	4
⑦	Straw	6
⑧	Drain-elbow	1
⑨	Cover	1
⑩	Cushion	4
⑪	Connecting cable	1
⑫	Change kit fresh air box	1
⑬	Change kit fresh air panel	1
⑭	Outlet cap	2
⑮	Outlet cap	1

Mark	Parts name
ⓐ	Non-adhesive tape
ⓑ	Adhesive tape
ⓒ	Bracket, fit with screws connecting indoor cabinet for indoor and outdoor
ⓓ	Drain hose
ⓔ	Insulating material
ⓕ	Piping hole cover



Note: 1. Cooling only units don't have Drain-elbow
2. ⓐ is only for the models of 18.22.
3. The models 2F don't have fresh function and accessory parts related with freshing.

No.0010554405B

※ 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.



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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 Accessory parts No. 1 2 Accessory parts Remote controller Number of articles 1 2 1 Optional parts for piping Mark Parts name Non-adhesive tape G more than 10cm R-03 dry battery 3 Mounting plate 4 Drain hose 1 4X50 Steel nail, cement 4X25 Screw A B Adhesive tape Saddle(L.S) with screws Connecting electric cable for indoor and outdoor Drain hose Heating insulating material Piping hole cover Attention must be paid to the rising up of drain hose 5 6 7 8 9 10 11 12 13 14 15 6 4 6 1 1 C D E F G more than 5cm more than Plastic cap Screw 10cm F A Drain-elbow Cover Arrangement of piping directions C more than Cushion 4 1 1 1 2 1 Left Rear left Rear right Right Below n1 0cm Connecting cable Change for fresh air box Change for fresh air tube(suit) Outlet joint Outlet joint more than 10cm 12 13 D E Note:1.

Cooling only units don't have Drain-elbow 2. 14 is only for the models of 18,22. 3.The models ZF don't have fresh function and accessory parts related with freshing. more than 60cm more than 15cm The marks from A to G in the figure are the parts numbers.

No.0010554405B The distance between the indoor unit and the floor should be more than 2m. HSU-09C03/VA(ZXF) HSU-09H03/VA(ZXF) HSU-12C03/VA(ZXF) HSU-12H03/VA(ZXF) HSU-18C03/V(ZXF) HSU-18H03/V(ZXF) HSU-12H03/VB(ZXF) HSU-12H03/V(ZXF) 140 415 140 140 500 140 113.5 583 113.5 Floor fixing dimensions of the outdoor unit (Unit:mm) Floor fixing dimensions of the outdoor unit (Unit:mm) 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. @@@@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. Place, where a distance marked is available as illustrated in the above figure. Power Source Before inserting power plug into receptacle, check the voltage without fail. The power source is the same as the corresponding name plate. Install an exclusive branch circuit of the power. A receptacle shall be set up in a distance where the power cable can be reached. Do not extend the cable by cutting it.

Selection of pipe To this unit, both liquid and gas pipes shall be insulated as they become low temperature in operation. Use optional parts for piping set or pipes covered with equivalent insulation material. For 09 Liquid pipe(Gas pipe()) 6.35mm(1/4") 9.52mm(3/8") For 12,18 6.

35mm(1/4") 12.7mm(1/2") For 22,24 9.52mm(3/8") 15.88mm(5/8") 2 319.5 280 256 HSU-22C03/V(ZXF) HSU-22C03/V(ZF) HSU-22H03/V(ZXF) HSU-22H03/V(ZXF) HSU-24C03/V(ZXF) HSU-24C03/V(ZF) HSU-24H03/V(ZF) HSU-24H03/V(ZXF) HSU-24HK0307 HSU-24HD0307 Indoor unit 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=170mm 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. @@@@ @ @2. @ @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 type of connecting wire is H05/07RN-F or 2451EC57(YZW). 2. @ @3.15A/250V. 3. The wiring method should be in line with the local wiring standard. 4.

@ @Way Two(Only for the models of 09,12): Insert the joint of water collecting pan into the fresh air tube, then connect the other end of joint with mesh enclosure of water collecting pan. Outlet joint (in guard ring) Joint of water collecting pan Fresh air tube Guard ring Fresh air tube Installation way One Installation way Two 2.Another way for the models of 18,22 ,24,as illustrated: Way One (right direction): Take off the lid for right piping pipe,put the Outlet joint into the lid,then put the fresh air tube into the outlet joint. Way Two (left direction): Take off the lid for left piping pipe,put the Outlet joint into the lid,then put the fresh air tube into the outlet joint. Outlet joint Lid for under piping Fix with adhesive tape Change for fresh air tube Drain hose Lid for left piping 5 Outdoor unit 6.

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 1 Figure 2 claw of the clip Figure 2 Daff Outdoor unit 1.Installation of Outdoor Unit Install according to Drawing for the installation of indoor and outdoor units Figure 3 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 max vertical distance between the indoor unit and the outdoor unit is 5 m. Half union Flare nut Forced fastening without careful centering may damage the threads and cause a leakage of gas. Pipe Diameter () Fastening torque 18N.m 40N.

m 40N.m 50N.m 60N.m Liquid side 6.



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35mm(1/4") Liquid side 9.52mm(3/8") Gas side 9.52mm(3/8") Spanner Torque wrench Gas side 12.7mm(1/2") Gas side 15.88mm(5/8") 3.Connection Use the same method on indoor unit.

Loosen the screws on terminal block and insert the plugs fully into terminal block, then tighten the screws. Insert the cable according to terminal number in the same manner as the indoor unit. If wiring is not correct, proper operation can not be carried out and controller may be damaged. Fix the cable with a clamp. 4.

Attaching Drain-Elbow If the drain-elbow is used, please attach it as figure. @@2.Use six screws to fix fres immersed in water. It waves. The gap with the ground is too small There is the bad smell from a ditch Please pour water in the drain pan of the indoor unit, and confirm that drainage is carried out surely to outdoor.

@@Heat insulation of pipe connecting? @@Is the connecting wiring of indoor and outdoor firmly fixed? Put check mark in boxes Is the lamp normally lighting? Are cooling and heating (when in heat pump) performed normally? Is the operation of room temperature regulator normal? 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? 8 .



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