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You can read the recommendations in the user guide, the technical guide or the installation guide for HAIER HSU-12H03-K. You'll find the answers to all your questions on the HAIER HSU-12H03-K in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

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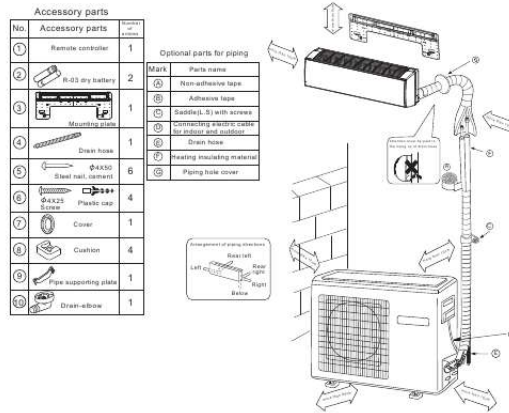
Installation Manual of Room Air Conditioner

- 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. Hacksaw | 6. Pipe cutter | 10. Gas leakage detector or soap-and-water solution | |
| 3. Hole core drill | 7. Flaring tool | 8. Knife | 11. Measuring tape |
| 4. Spanner(17, 19 and 26mm) | | | |

Drawing for the installation of indoor and outdoor units



- ※ The marks from ① to ⑯ in the figure are the parts numbers.
- ※ The distance between the indoor unit and the floor should be more than 2m.

No.0010531057



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Manual abstract:

No.0010531057 Floor fixing dimensions of the outdoor unit (Unit:mm) HSU-09H03/K(F) HSU-12H03/K(F) 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.

Liquid pipe (Gas pipe () For 09k) 6.35mm(1/4") 9.52mm(3/8") For 12k 6.35mm(1/4") 12.7mm(1/2") 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 B= 66mm A=210mm 2.Making a Hole on the Wall and Fitting the Piping Hole Cover Make a hole of 60 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 66mm Outdoor side Thickness of wall (Section of wall hole) G Piping hole pipe 2 30mm Indoor unit 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. @@2.

@@@1. @@The type of connecting wire is H05/07RN-F or 245IEC57(YZW).

2. @@3.15A/250V. @@25A/250V. 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. 6.Installation instruction on the indoor part of the fresh air device Two ways for the installation of indoor part, as illustrated: Way One : When the pipes go from the back of the indoor unit, you can connect the fresh air tube with the outlet joint on the two sides of the frame,and then fix it at the pipe exit of the frame Way Two : When installing the side outlet pipe,connect the fresh tube and the outlet joint ,and then fix it on the left side or right side of the frame.Outlet pipe is connected with the pipe hole cover by the pipe lid. Outlet joint (in guard ring) Lid for left piping Outlet joint Lid for right piping Fix with adhesive tape Change-for-fresh-air tube Drain hose Guard ring Fresh air tube Installation way One Installation way Two For the units with fresh air function To indoor unit See the Installation from the fresh air sets for the installation of outdoor unit. Indoor unit HSU-09H03/K(F) HSU-12H03/K(F) Outdoor unit To outdoor fresh air motor The connecting method of fresh air box signal wire Connecting wiring: Power cable: 3G1.5mm²+2x0.75mm² 3G1.5mm² 3 Outdoor unit Outdoor unit 1.Connection of pipes To bend a pipe, give the roundness as large as possible not to crush the pipe 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 55N.

m Spanner Torque wrench Liquid side 6.35mm(1/4") Gas side 9.52mm(3/8") Gas side 12.7mm(1/2") Be careful that matters, such as wastes of sands, etc. shall not enter the pipe.

2.Attaching Drain-Elbow If the drain-elbow is used, please attach it as figure. (Note: Only for heat pump unit.) 3.Purging Method: Push the air out of the indoor unit and piping as follows: Tighten the caps on the valves with specified torque. Tighten torque N.m Valve rod Valve cap 7-9 20-25 When connecting pipe exceeds 5 meters, 20g refrigerant shall be added per exceeding meter. @@.



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