



INSTALLATION MANUAL

Cassette Type Series

TH***EAV*

ENGLISH

ESPAÑOL

FRANÇAIS

ITALIANO

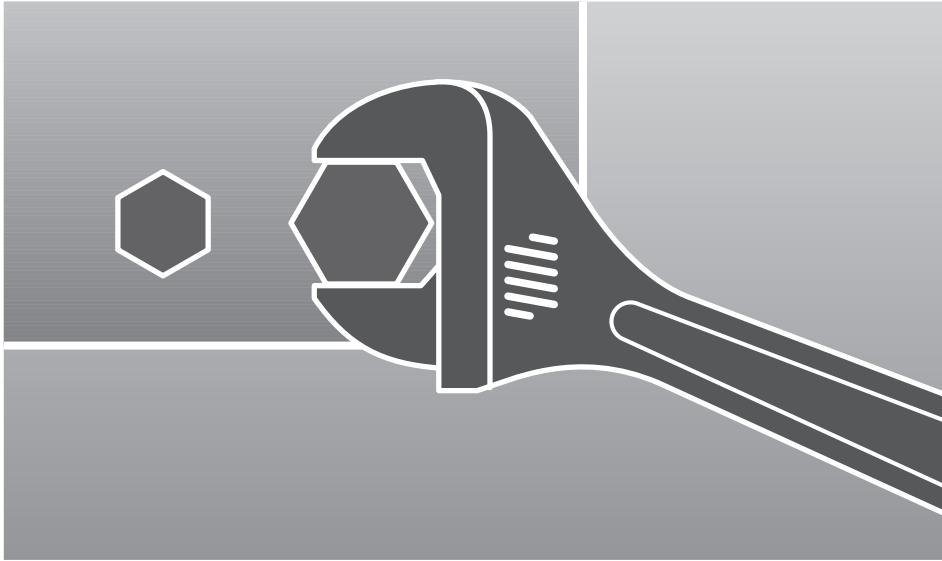
PORTUGUÊS

DEUTSCH

ΕΛΛΗΝΙΚΑ

RUSSIAN

System Air Conditioner (Cooling and Heating)



Safety Precautions

(Carefully follow the precautions listed below because they are essential to guarantee the safety of the equipment.)



WARNING

- Always disconnect the air conditioner from the power supply before servicing it or accessing its internal components.
- Verify that installation and testing operations are performed by qualified personnel.
- Verify that the air conditioner is not installed in an easily accessible area.

GENERAL INFORMATION

- ◆ Carefully read the content of this manual before installing the air conditioner and store the manual in a safe place in order to be able to use it as reference after installation.
- ◆ For maximum safety, installers should always carefully read the following warnings.
- ◆ Store the operation and installation manual in a safe location and remember to hand it over to the new owner if the air conditioner is sold or transferred.
- ◆ This manual explains how to install an indoor unit with a split system with two SAMSUNG units. The use of other types of units with different control systems may damage the units and invalidate the warranty. The manufacturer shall not be responsible for damages arising from the use of non compliant units.
- ◆ The manufacturer shall not be responsible for damage originating from unauthorized changes or the improper connection of electric and hydraulic lines. Failure to comply with these instructions or to comply with the requirements set forth in the "Operating limits" table, included in the manual, shall immediately invalidate the warranty.
- ◆ The air conditioner should be used only for the applications for which it has been designed: the indoor unit is not suitable to be installed in areas used for laundry.
- ◆ Do not use the units if damaged. If problems occur, switch the unit off and disconnect it from the power supply.
- ◆ In order to prevent electric shocks, fires or injuries, always stop the unit, disable the protection switch and contact SAMSUNG's technical support if the unit produces smoke, if the power cable is hot or damaged or if the unit is very noisy.
- ◆ Always remember to inspect the unit, electric connections, refrigerant tubes and protections regularly. These operations should be performed by qualified personnel only.
- ◆ The unit contains moving parts, which should always be kept out of the reach of children.
- ◆ Do not attempt to repair, move, alter or reinstall the unit. If performed by unauthorized personnel, these operations may cause electric shocks or fires.
- ◆ Do not place containers with liquids or other objects on the unit.
- ◆ All the materials used for the manufacture and packaging of the air conditioner are recyclable.
- ◆ The packing material and exhaust batteries of the remote control (optional) must be disposed of in accordance with current laws.
- ◆ The air conditioner contains a refrigerant that has to be disposed of as special waste. At the end of its life cycle, the air conditioner must be disposed of in authorized centers or returned to the retailer so that it can be disposed of correctly and safely.

INSTALLING THE UNIT

IMPORTANT: When installing the unit, always remember to connect first the refrigerant tubes, then the electrical lines.
Always disassemble the electric lines before the refrigerant tubes.

- ◆ Upon receipt, inspect the product to verify that it has not been damaged during transport. If the product appears damaged, DO NOT INSTALL it and immediately report the damage to the carrier or retailer (if the installer or the authorized technician has collected the material from the retailer.)
- ◆ After completing the installation, always carry out a functional test and provide the instructions on how to operate the air conditioner to the user.
- ◆ Do not use the air conditioner in environments with hazardous substances or close to equipment that release free flames to avoid the occurrence of fires, explosions or injuries.

POWER SUPPLY LINE, FUSE OR CIRCUIT BREAKER

- ◆ Always make sure that the power supply is compliant with current safety standards. Always install the air conditioner in compliance with current local safety standards.
- ◆ Always verify that a suitable grounding connection is available.
- ◆ Verify that the voltage and frequency of the power supply comply with the specifications and that the installed power is sufficient to ensure the operation of any other domestic appliance connected to the same electric lines.
- ◆ Always verify that the cut-off and protection switches are suitably dimensioned.
- ◆ Verify that the air conditioner is connected to the power supply in accordance with the instructions provided in the wiring diagram included in the manual.
- ◆ Always verify that electric connections (cable entry, section of leads, protections...) are compliant with the electric specifications and with the instructions provided in the wiring scheme. Always verify that all connections comply with the standards applicable to the installation of air conditioners.

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Preparation for Installation

When deciding on the location of the air conditioner with the owner, the following restrictions must be taken into account.

General

Do NOT install the air conditioner in a location where it will come into contact with the following elements:

- ◆ Combustible gases
- ◆ Saline air
- ◆ Machine oil
- ◆ Sulphide gas
- ◆ Special environmental conditions



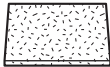
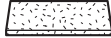
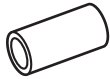
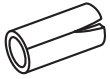

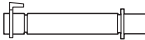






If you must install the unit in such conditions, first consult your dealer.

Avoid installing the air conditioner:

- ◆ In areas where it is exposed to direct sunlight. Close to heat sources.
- ◆ In damp areas or locations where it could come into contact with water. (for example rooms used for laundry)
- ◆ In areas where curtains and furniture could affect the supply and discharge of air.
- ◆ Without leaving the required minimum space around the unit. (as shown in the drawing)
- ◆ In scarcely ventilated areas.
- ◆ On surfaces that are unable to support the weight of the unit without deforming, breaking or causing vibrations during the use of the air conditioner.
- ◆ In a position that does not enable the condensate drainage pipe to be correctly installed. (at the end of the installation. It is always essential to check the efficiency of the drainage system)

Accessories

- ◆ The following accessories are supplied with the indoor unit. The type and quantity may differ depending on the specifications.

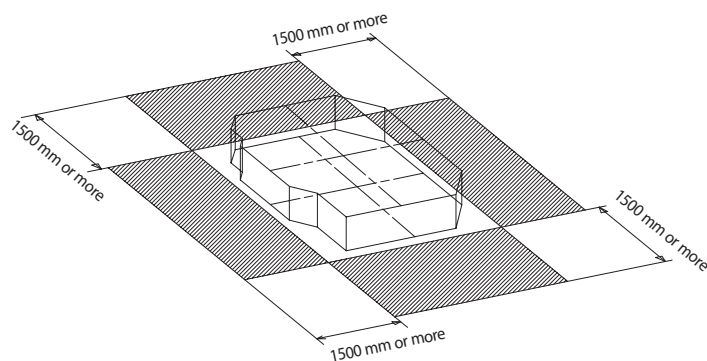
Pattern sheet 	Insulation cover drain 	Insulation 	Insulation cover band 	Insulation pipe 	Insulation drain hose 
Cable-tie 	Flexible hose 	M4x12 tapped screw 	Pad stopper 	User's manual 	Installation manual 
Safety net 	M4x12 tapped screw 				

Deciding on Where to Install the Indoor Unit

Indoor Unit

- ◆ There must be no obstacles near the air inlet and outlet.
- ◆ Install the indoor unit on a ceiling that can support its weight.
- ◆ Maintain sufficient clearance around the indoor unit.
- ◆ Make sure that the water dripping from the drain hose runs away correctly and safely.
- ◆ The indoor unit must be installed in this way, that they are out of public access. (Not touchable by the users)

Space Requirements for Indoor Unit

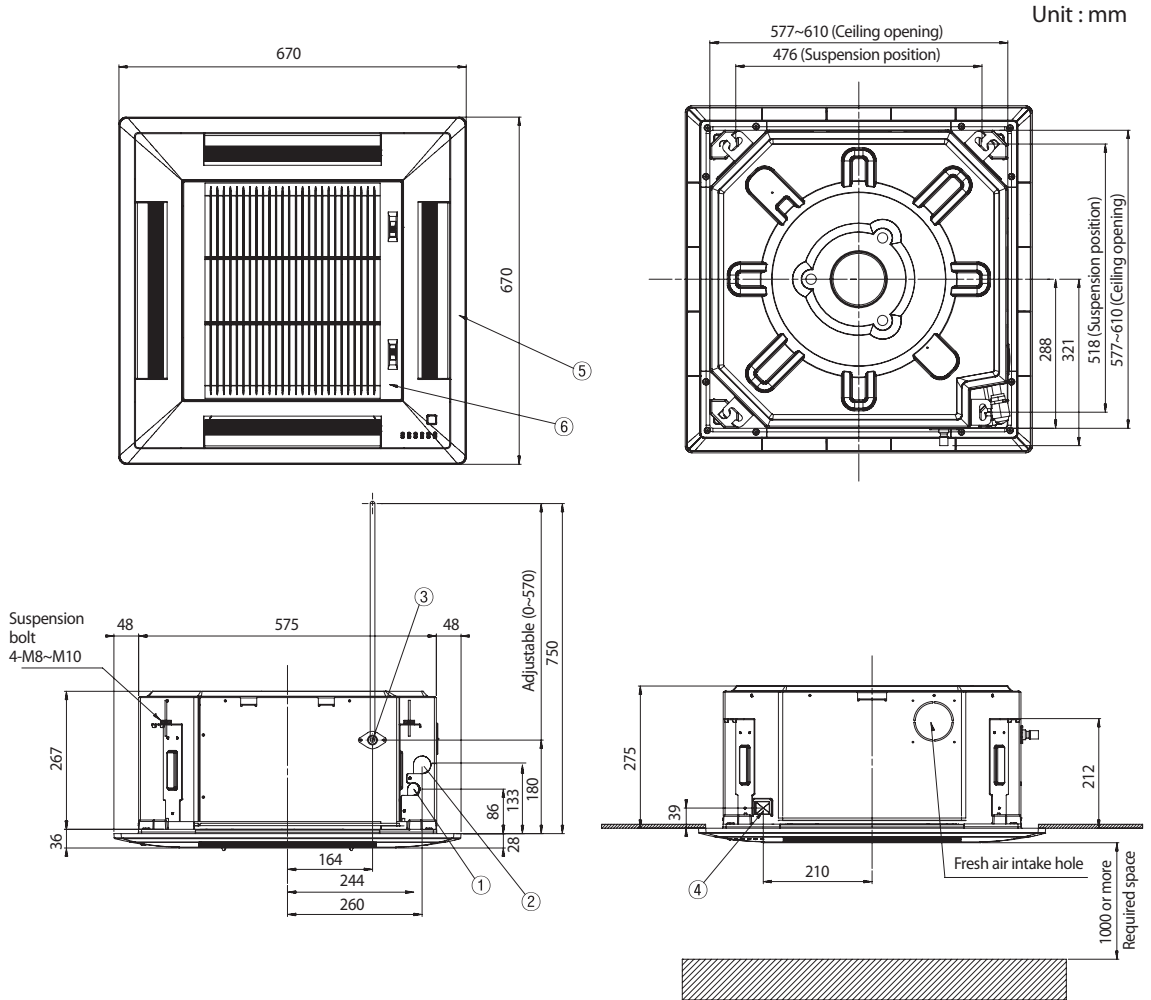


CAUTION

The units must be installed according to distances declared, in order to permit accessibility from each side, either to guarantee correct operation of maintenance or repairing products. The unit's parts must be reachable and removable completely under safety condition (for people or things).

Deciding on Where to Install the Indoor Unit (continued)

Drawing of the indoor unit



No.	Name	Description		
		026/035	**052**	**060**
1	Liquid pipe connection	ø6.35	ø6.35	ø6.35
2	Gas pipe connection	ø9.52	ø12.70	ø15.88
3	Drain pipe connection	OD: 29/ ID: 25		
4	Power supply connection	-	-	-
5	Air discharge grille	-	-	-
6	Air suction grille	-	-	-

Dimension and weight		**026/035**	**052**	**060**
Net dimension	Indoor unit	75X260X575		
	Panel size	670X35X670		
	Outdoor unit	790X548X285	880X638X310	880X798X310
Net weight	Indoor unit+Panel	19.6		
	Outdoor unit	32.6	50	57

Indoor Unit Installation

It is recommended to install the refnet joint before installing the indoor unit.

- 1 Place the pattern sheet on the ceiling at the spot where you want to install the indoor unit.

Note Since the diagram is made of paper, it may shrink or stretch slightly due to temperature or humidity. For this reason, before drilling the holes maintain the correct dimensions between the markings; refer to page 6.

- 2 Insert bolt anchors, use existing ceiling supports or construct a suitable support as shown in figure.

- 3 Install the suspension bolts depending on the ceiling type.

CAUTION

- ◆ Ensure that the ceiling is strong enough to support the weight of the indoor unit. Before hanging the unit, test the strength of each attached suspension bolt.
- ◆ If the length of suspension bolt is more than 1.5m, it is required to prevent vibration.
- ◆ If this is not possible, create an opening on the false ceiling in order to be able to use it to perform the required operations on the indoor unit.

- 4 Screw eight nuts to the suspension bolts making space for hanging the indoor unit.

CAUTION You must install the suspension bolts more than four when installing the indoor unit.

- 5 Hang the indoor unit to the suspension bolts between two nuts.

Note Piping must be laid and connected inside the ceiling when suspending the unit. If the ceiling is already constructed, lay the piping into position for connection to the unit before placing the unit inside the ceiling.

- 6 Screw the nuts to suspend the unit. Cut a pad stopper and place it on the bracket at this time.

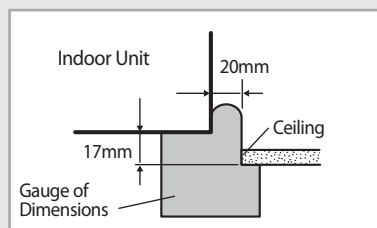
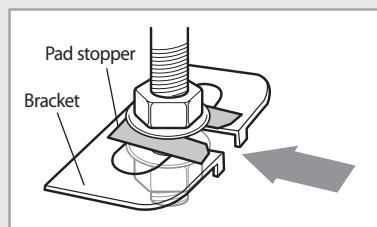
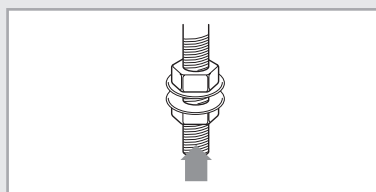
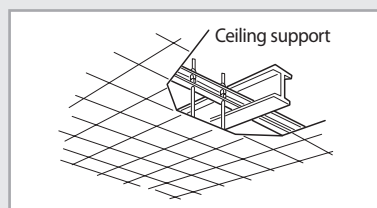
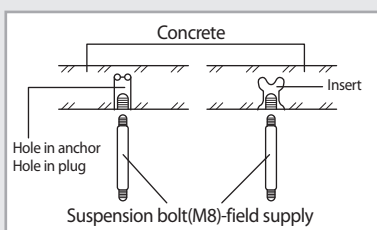
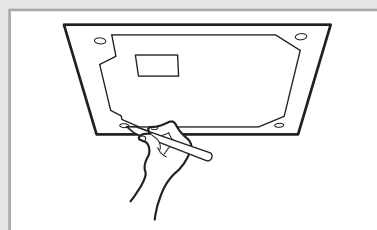
- 7 Adjust the unit to the appropriate position considering the installation area for the front panel.

7-1 Place the pattern sheet on the indoor unit.

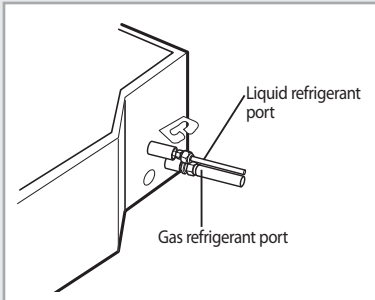
7-2 Adjust a space between the ceiling and the indoor unit by using the gauge of dimensions.

7-3 Fix the indoor unit securely after adjusting level of the unit by using a leveler.

7-4 Remove the pattern sheet, connect the other cables and install the front panel.



Purging the Unit



From factory the unit is supplied and set with a pre-charge of nitrogen gas (inert gas). Therefore, all inert gas must be purged before connecting the assembly piping.

Unscrew the pinch pipe at the end of each refrigerant pipe.

Result: All inert gas escapes from the indoor unit.

Note To prevent dirt or foreign objects from getting into the pipes during installation, do NOT remove the pinch pipe completely until you are ready to connect the piping.

Connecting the Refrigerant Pipe

There are two refrigerant pipes of differing diameters:

- ◆ A smaller one for the liquid refrigerant
- ◆ A larger one for the gas refrigerant
- ◆ The inside of copper pipe must be clean & has no dust.

- 1 Remove the pinch pipe on the pipes and connect the assembly pipes to each pipe, tightening the nuts, first manually and then with a torque wrench, a spanner applying the following torque.

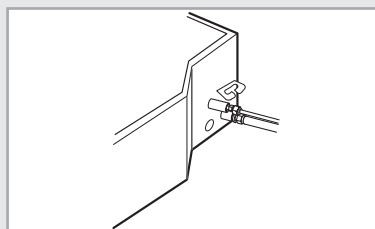
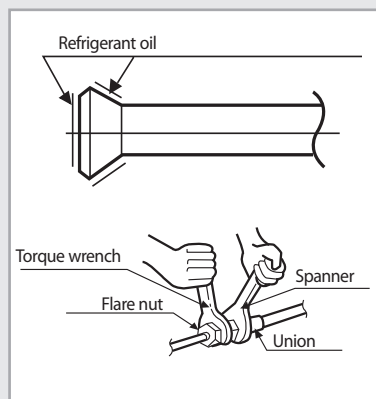
Outer Diameter	Torque (N•m)
6.35 mm (1/4")	18
9.52 mm (3/8")	42
12.70 mm (1/2")	55
15.88 mm (5/8")	65
19.05 mm (3/4")	100
22.23 mm (7/8")	100

Note If the pipes must be shortened refer to page 10.

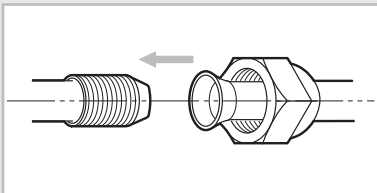
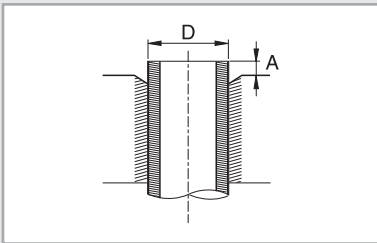
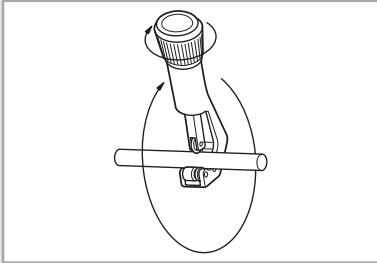
- 2 Must use insulator which is thick enough to cover the refrigerant tube to protect the condensate water on the outside of pipe falling onto the floor and the efficiency of the unit will be better.
- 3 Cut off any excess foam insulation.
- 4 Be sure that there must be no crack or wave on the bended area.
- 5 It would be necessary to double the insulation thickness (10mm or more) to prevent condensation even on the insulator when if the installed area is warm and humid.
- 6 Do not use joints or extensions for the pipes that connect the indoor and outdoor unit. The only permitted connections are those for which the units are designed.

CAUTION

- ◆ **Connect the indoor and outdoor units using pipes with flared connections(not supplied). For the lines, use insulated, unwelded, degreased and deoxidized copper pipe,(Cu DHP type to ISO 1337), suitable for operating pressures of at least 4200kPa and for a burst pressure of at least 20700kPa. Copper pipe for hydro-sanitary applications is completely unsuitable.**
- ◆ **For sizing and limits (height difference, line length, max. bends, refrigerant charge, etc.) see the outdoor unit installation manual.**
- ◆ **All refrigerant connection must be accessible, in order to permit either unit maintenance or removing it completely.**

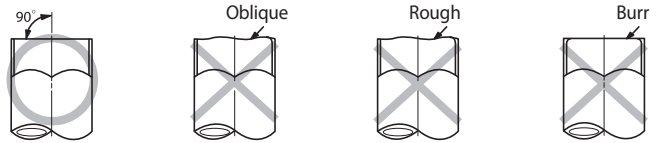


Cutting / Flaring the Pipes



1 Make sure that you have the required tools available.
(pipe cutter, reamer, flaring tool and pipe holder)

2 If you wish to shorten the pipes, cut it with a pipe cutter, taking care to ensure that the cut edge remains at a 90° angle with the side of the pipe. Refer to the illustrations below for examples of edges cut correctly and incorrectly.

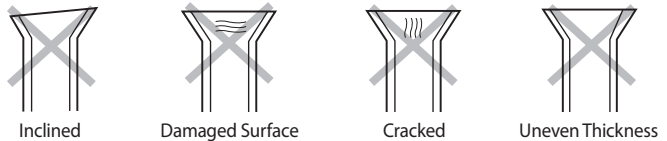


3 To prevent any gas from leaking out, remove all burrs at the cut edge of the pipe, using a reamer.

4 Slide a flare nut on to the pipe and modify the flare.

Outer diameter (D)	Depth (A)
6.35 mm (1/4")	1.3mm
9.52 mm (3/8")	1.8mm
12.70 mm (1/2")	2.0mm
15.88 mm (5/8")	2.2mm
19.05 mm (3/4")	2.2mm
22.23 mm (7/8")	2.2mm

5 Check that the flaring is correct, referring to the illustrations below for examples of incorrect flaring.



6 Align the pipes and tighten the flare nuts first manually and then with a torque wrench, applying the following torque.

Valve	Flare nut		Valve cap		Pressure port cap		Valve needle		Pressure port	
	Wrench (mm)	N·m	Wrench (mm)	N·m	Wrench (mm)	N·m	Wrench (mm)	N·m	Wrench (mm)	N·m
1/4"	17	18	23	20	18	16~18	Allen (hex.) 5	9	-	0.34
3/8"	22	42	23	20	18	16~18	Allen (hex.) 5	9	-	0.34
1/2"	26	55	29	40	18	16~18	Allen (hex.) 5	13	-	0.34
5/8"	29	65	29	40	18	16~18	Allen (hex.) 5	13	-	0.34
3/4"	36	100	38	40	18	16~18	Allen (hex.) 5	13	-	0.34

CAUTION

In case of welding the pipe, you must weld with nitrogen gas blowing.

Performing Leak Test & Insulation

Leak test

LEAK TEST WITH NITROGEN (before opening valves)

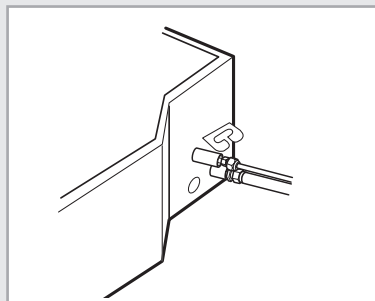
In order to detect basic refrigerant leaks, before recreating the vacuum and recirculating the R410A, it's responsible of installer to pressurize the whole system with nitrogen (using a cylinder with pressure reducer) at a pressure above 30 bar (gauge).

LEAK TEST WITH R410A (after opening valves)

Before opening valves, discharge all the nitrogen into the system and create vacuum. After opening valves check leaks using a leak detector for refrigerant R410A.

CAUTION

Discharge all the nitrogen to create a vacuum and charge the system.



Insulation

Once you have checked that there are no leaks in the system, you can insulate the piping and hose.

- 1 To avoid condensation problems, place T13.0 or thicker Acrylonitrile Butadiene Rubber around each refrigerant pipe.

Note Always make the seam of pipes face upwards.

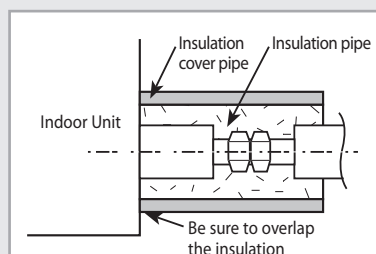
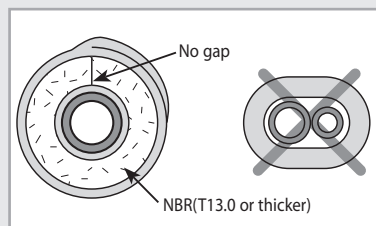
- 2 Wind insulating tape around the pipes and drain hose avoiding to compress the insulation too much.

- 3 Finish wrapping insulating tape around the rest of the pipes leading to the outdoor unit.

- 4 The pipes and electrical cables connecting the indoor unit with the outdoor unit must be fixed to the wall with suitable ducts.

CAUTION

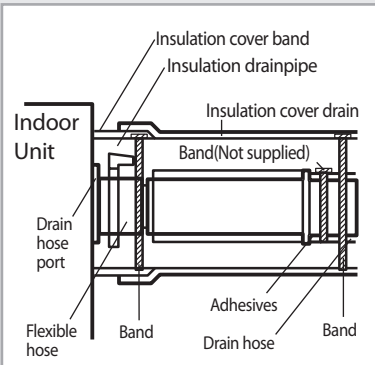
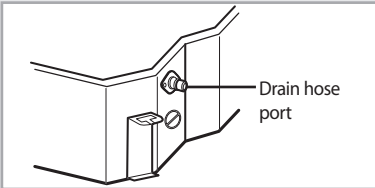
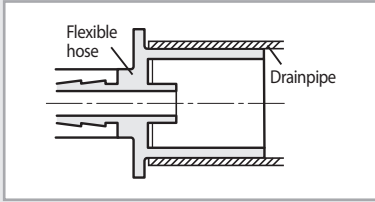
All refrigerant connection must be accessible, in order to permit either unit maintenance or removing it completely.



CAUTION

Must fit tightly against body without any gap.

Drainpipe and Drain Hose Installation



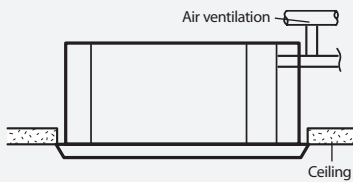
Care must be taken when installing the drainpipe and drain hose for the indoor unit so that condensate water is drained correctly outside.

- 1 Fix the flexible hose to the drainpipe.
 - ◆ The connection part of the flexible hose and PVC drainpipe must be fixed with PVC adhesives.
 - ◆ Check out that the connected part doesn't leak.
- 2 Connect the flexible hose to the flexible hose port.
 - ◆ Make sure that a rubber ring is installed on the drain hose port.
- 3 Install the drainpipe as shortly as possible.
 - ◆ Give a slightly slant to the drainpipe for proper drainage of condensate water.
 - ◆ There must be no gap on the connected part so that the drainpipe is not separated from the flexible hose .
- 4 Insulate the drainpipe, and then fix it as indicated.

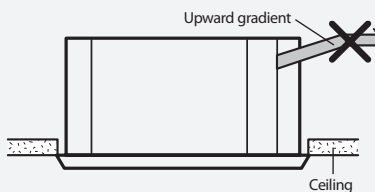
CAUTION

Check that the indoor unit is level with the ceiling by using the leveler.

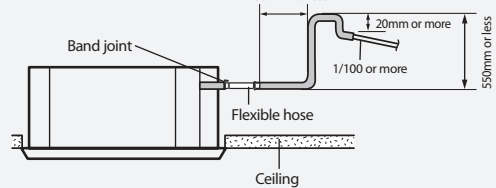
Install air ventilation to drain condensate water smoothly.



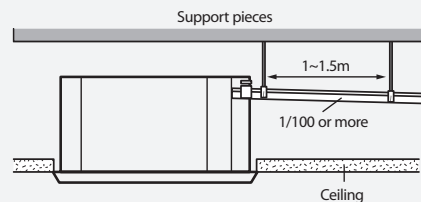
Do not give the hose and upward gradient after the connection port. This will cause water to flow backwards when the unit is stopped, resulting in water leaks.



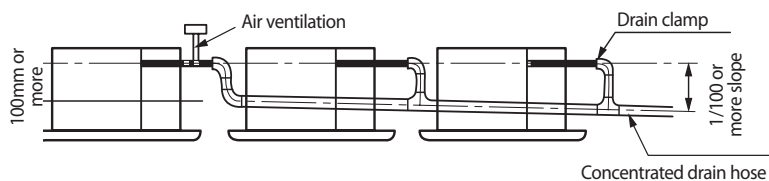
If it is necessary to increase the height of the drainpipe, install the drainpipe straightly within 300 mm from the flexible hose port. If it is raised higher than 550 mm, there can be water leaks.



Do not apply force to the piping on the unit side when connecting the drain hose. The hose should not be allowed to hang loose from its connection to the unit. Fasten the hose to a wall, frame or other support as close to the unit as possible.



Note If a concentrated drain hose is installed, refer to the figure below.



Testing the drainage

You should test the drainage after completing the installation.
Prepare a little water about 2.0 liters.

- 1 Turn the cover drain pump, then pull it out.
- 2 Pour water into the indoor unit as shown in figure.

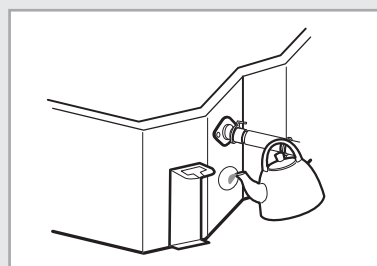
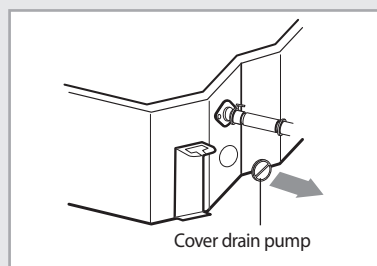
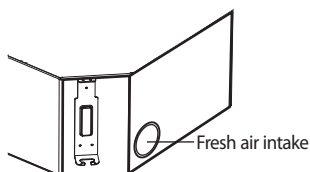
Note If you do not pour water inside the water supply intake, water may spill from the indoor unit.

- 3 Confirm that the water flows out through the drain hose.

Note You can check the drainage only when the air conditioner is in cool mode.

- 4 Reassemble the cover drain pump.

Note New refreshed air is flowing from outside towards indoor unit through the hole.



Connecting the Connection Cord

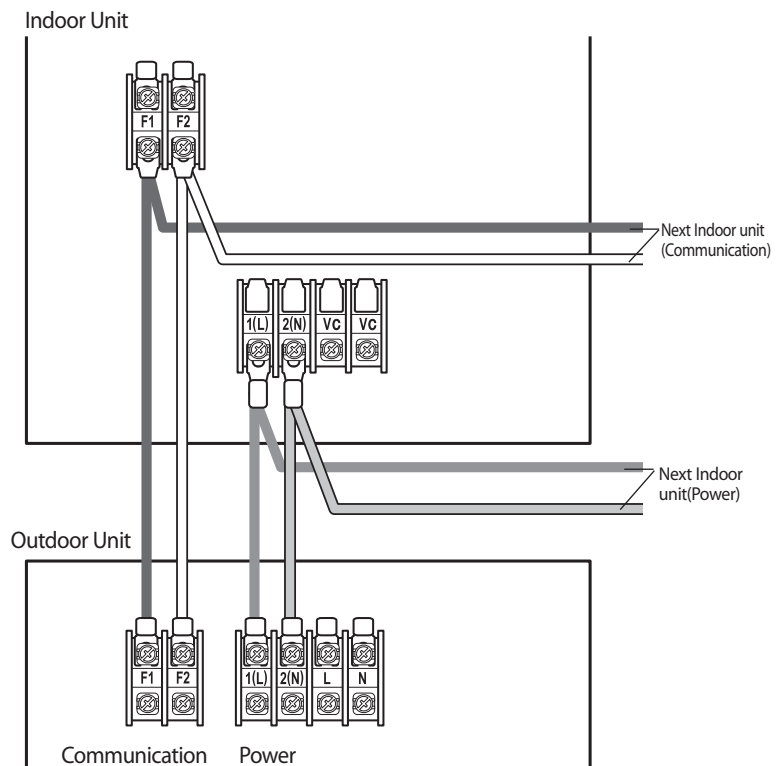
CAUTION

- ◆ Always remember to connect the refrigerant pipes before performing the electric connections. When disconnecting the system, always disconnect the electric cables before disconnecting the refrigerant pipes.
- ◆ Always remember to connect the air conditioner to the grounding system before performing the electric connections.

The indoor unit is powered by the outdoor unit by means of a H07 RN-F connection cable (or a more power model), with insulation in synthetic rubber and jacket in polychloroprene(neoprene), in accordance with the requirements of standard EN 60335-2-40.

- 1 Remove the screw on the electrical component box and remove the cover plate.
- 2 Route the connection cord through the side of the indoor unit and connect the cable to terminals; refer to the figure below.
- 3 Route the other end of the cable to the outdoor unit through the ceiling & the hole on the wall.
- 4 Reassemble the electrical component box cover, carefully tightening the screw.

Wiring Diagram



* Size of the cables used to interconnect the indoor and outdoor units.

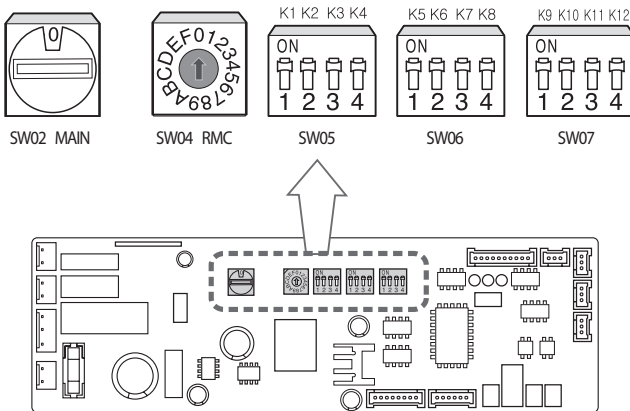
Indoor-Outdoor units	Power ($\pm 10\%$)	Power cable	Max. Length
Power supply	220-240V~, 50Hz	0.75 mm ² , 3 wires	1Km
Communication	-	0.75 mm ² , 2 wires	1Km

Cable H07 RN-F

Assigning Address to Indoor Unit

1 Before installing the indoor unit, assign an address to the indoor unit according to the air conditioning system plan.

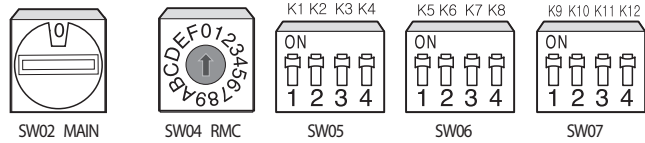
2 The address of the indoor unit is assigned by adjusting MAIN(SW02) and RMC(SW04) rotary switches.



3 The MAIN address is for communication between the indoor unit and the outdoor unit. Therefore, you must set it to operate the air conditioner properly.

Assigning Address to Indoor Unit (continued)

-
- 4 If you install optional accessories such as the wired remote controller, centralized controller, etc. see an appropriate installation manual.
-
- 5 If an optional accessory is not installed, you do not have to set the RMC address. However, adjust K1 and K2 switches of the SW05 DIP switch to "ON" position in this case.
-
- 6 Set the MAIN address by adjusting the rotary switch(SW02) from 0 to 9. Each indoor unit connected to the same outdoor unit must have different address.
- i. e. If an indoor unit does not have an optional accessory and its MAIN address is "0"

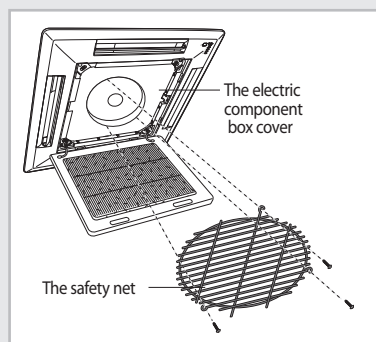


Installing the Safety Net & Air blocking kits

Safety net

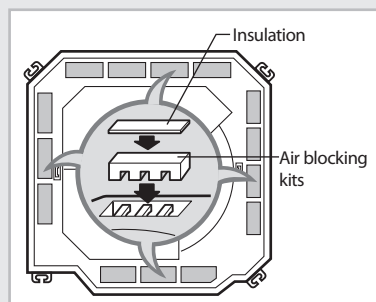
Install the safety net after installing the connection cord and fixing electric component box cover. For your safety, you must install the safety net. For details about installing the panel, refer to the manual for the panel.

- 1 Uncover the wrap of safety net.
- 2 Fix the safety net to the electric component cover box with four screws as indicated.



Air blocking kits

- 1 When installing the unit depending on the situation, you can fill up the air outlet(s) with one or two (max.) air blocking kits (not supplied). Then install the insulation to block air completely.
If the humidity goes over 65%, do not block more than 2 air blocking kits.



Technical Specification & Product feature

Model	TH026EAV1	TH035EAV1	TH052EAV1	TH060EAV1
Capacity (Cooling and Heating)	2600/3300	3500/4000	4700/5500	5800/7000
Power input	730/900	1090/1100	1460/1590	1930/2180
Running current	3.4/4.3	5.0/5.1	6.7/7.4	8.8/10.0
Refrigerant	950g	950g	1450g	1500g
Fuse	1.6A	1.6A	1.6A	1.6A

* Maximum installation height: up to 3.6m

* Condensate discharge pump(built-in): Max. 550mm

* Length of pipes and difference in height: see the outdoor unit installation manual

* Vacuum and refrigerant charge: see the outdoor unit installation manual














Troubleshooting

■ Detection of errors

- ◆ If an error occurs during the operation, one or more LED flickers and the operation is stopped except the LED.
- ◆ If you re-operate the air conditioner, it operates normally at first, then detect an error again.

LED Display on the receiver & display unit


















■ LED Display

Abnormal conditions	LED lamp display					Remarks
	Green	Red	Yellow	Green	Orange	
						
Power reset		X	X	X	X	
Error of temperature sensor in the indoor unit (Open/Short)	X	X		X	X	
Error of heat exchanger sensor in the indoor unit		X		X	X	
Error of the outdoor temperature sensor Error of the condensor temperature sensor Error of the discharge temperature sensor		X	X		X	
Indoor and outdoor unit time out Abnormal data reception more than 60 packet Indoor unit is not connected Communication error between the outdoor unit Main-Inverter Micom(After 1 minute of Main-Inverter detection)	X	X			X	1. Indoor unit error (Display is unrelated with operation) 2. Outdoor unit error (Display is unrelated with operation)

● On ● Flickering X Off

- ◆ If you turn off the air conditioner when the LED is flickering, the LED is also turned off.

LED Display


Abnormal conditions	LED lamp display					Remarks
	Green	Red	Yellow	Green	Orange	
						
[Self diagnosis]Power voltage detection between indoor and outdoor unit communication cable [Self diagnosis]Outdoor unit refrigerant leakage(Gas leak) [Self diagnosis]Outdoor fan restriction error [Inverter]Inverter compressor operation failure [Inverter] DC peak error [Inverter]DC Link voltage 150V or less, 410V or more [Inverter] Compressor rotation error [Inverter]Electric current error [Inverter]DC Link sensor error [Inverter]EEPROM READ/WRITE error [Inverter]Inverter zerocrossing error Setting the outdoor unit capacity option error						
Detection of the float switch	X	X	X			
Error of setting option switches for optional accessories	X	X		X		
EEPROM error		X			X	
EEPROM option error						

● On  Flickering X Off

◆ If you turn off the air conditioner when the LED is flickering, the LED is also turned off.

Troubleshooting (continued)

Wired remote controller

- ◆ If an error occurs,  is displayed on the wired remote controller. If you would like to see an error code, press the Test button.

Outdoor unit

Display	Explanation
<i>E464</i>	IPM Over Current(O.C)
<i>E461</i>	Comp starting error
<i>E473</i>	Comp lock error
<i>E466</i>	DC-Link voltage under/over error
<i>E221</i>	Outdoor temp sensor error
<i>E476</i>	Discharge over temperature
<i>E251</i>	Discharge temp sensor error
<i>E468</i>	Current sensor error
<i>E465</i>	Comp Vlimit error
<i>E237</i>	Coil temp sensor error
<i>E202</i>	1min. time out Comm.
<i>E458</i>	Fan error
<i>E471</i>	OTP error
<i>E467</i>	Comp rotation error
<i>E440/E441</i> (main/main)	Operation condition secession
<i>E469</i>	DC-Link voltage sensor error
<i>E462</i>	I_Trip error/PFC Over current
<i>E554</i>	GAS Leak error
<i>E472</i>	AC Line Zero Cross Signal out
<i>E556</i>	Capacity miss match




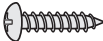

Indoor unit





Display	Explanation
<i>E101</i>	Indoor unit communication reception error
<i>E102</i>	Communication error between the outdoor and indoor unit
<i>E121</i>	Indoor unit temperature sensor (Short/Open)
<i>E122</i>	Indoor unit Eva In sensor (Short/Open)
<i>E123</i>	Indoor unit Eva Out sensor (Short/Open)
<i>E128</i>	Indoor unit Eva In sensor secession
<i>E129</i>	Indoor unit Eva Out sensor secession
<i>E130</i>	Indoor Eva In and Out sensor secession error
<i>E131</i>	Secondary(Electronic)heater sensor 1 error
<i>E132</i>	Secondary(Electronic)heater sensor 2 error
<i>E133</i>	Secondary(Electronic)heater sensor 3 error
<i>E153</i>	Indoor unit float S/W 2nd detection
<i>E154</i>	Indoor fan error
<i>E161</i>	Mixed operation error
<i>E162</i>	EEPROM error
<i>E163</i>	EEPROM option setting error
<i>E164</i>	Error regarding special sales taxes
<i>E165</i>	Electronic heater discharge temperature protection error
<i>E166</i>	Electronic heater windless error
<i>E201</i>	Indoor unit number setting error(The outdoor unit informs the error)

Additional Accessories







For information on additional options and accessories, see either product catalogue or accessories installation and user's manual.

Wired Remote Controller Accessories







Wired remote controller	Cable-tie	Cable clamp	M4x16 tapped screw	Indoor unit power drawing cable
1	2	5	7	1
				

Communication cable of the wired remote controller	Wire Joint	User's manual	Installation manual
1	1	1	1
			







Wireless Remote Controller Accessories (Type A)

Wireless remote controller	Batteries for remote controller	STS 2S-2x10 tapped screw	Remote control holder	User's manual	Installation manual
1	2	2	1	1	1
					







Wireless Remote Controller Accessories (Type B)

Wireless remote controller	Batteries for remote controller	M4x12 tapped screw	Remote control holder	User's manual	Installation manual
1	2	2	1	1	1
					





Centralized Controller Accessories

Centralized controller	Cable-tie	Cable clamp	M4x16 tapped screw	User's manual	Installation manual
1	2	5	7	1	1
					

Function Controller Accessories

Function controller	Cable-tie	Cable clamp	M4x16 tapped screw	User's manual	Installation manual
1	2	6	7	1	1
					

Transmitter Accessories

Transmitter	Transmitter power cable	Transmitter communication cable	Installation manual
1	1	1	1
			

Note If you would like to install the centralized control, you must install the transmitter in the outdoor unit.

