DAIKIN

3P622386-1 B

Siesta®

DAIKIN ROOM AIR CONDITIONER

INSTALLATION MANUAL

R32 SPLIT SERIES

MODELS

ATXC20CV1B	ARXC20CV1B
ATXC25CV1B	ARXC25CV1B
ATXC35CV1B	ARXC35CV1B
ATXC50CV1B	ARXC50CV1B
ATXC60CV1B	ARXC60CV1B
ATXC71CV1B	ARXC71CV1B

Installation Manual
R32 Split Series

English

INSTALLATION MANUAL

SAFETY PRECAUTIONS

Read the precautions in this manual carefully before operating the unit.

This appliance is filled with R32.

- The precautions described herein are classified as WARNING and CAUTION. They both contain important information regarding safety. Be sure to observe all precautions without fail.
- Meaning of WARNING and CAUTION notices.

WARNING	Failure to follow these instructions properly may result in personal injury or loss of life.
CAUTION	Failure to observe these instructions properly may result in property damage or personal injury, which may be serious depending on the circumstances.

- The safety marks shown in this manual have the following meanings:

Be sure to follow the instructions.	Be sure to establish a ground connection.		Never attempt.

- After completing installation, conduct a trial operation to check for faults and explain to the customer how to operate the air conditioner and take care of it with the aid of operation manual.

WARNING

- Ask your dealer or qualified person to carry out installation work.
  Do not attempt to install the air conditioner yourself. Improper installation may result in water leakage, electric shocks or fire.
- This appliance is not intended for use by persons, including children, with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- Install the air conditioner according to the instructions given in this manual.
  Incomplete installation may cause water leakage, electrical shock, or fire.
- Be sure to use only the specified accessories and parts for installation work.
  Failure to use the specified parts may result in the unit falling, water leakage, electric shocks or fire.
- Install the air conditioner on a foundation strong enough to withstand the weight of the unit.
  A foundation of insufficient strength may result in the equipment falling and causing injury.
- Electrical work must be performed in accordance with relevant local and national regulations and with instructions in this installation manual. Be sure to use a dedicated power supply circuit only. Using a power supply circuit with insufficient capacity or improper electrical work may result in electric shocks or fire.
- Be sure to use a dedicated power circuit. Never use a power supply shared by another appliance.
- Use a cable of suitable length.
  Do not use lapped wires or an extension lead, as this may cause overheating, electric shocks or fire.
- Make sure that all wiring is secured, the specified wires are used, and that there is no strain on the terminal connections or wires.
  Improper connections or securing of wires may result in abnormal heat build-up or fire.
- When wiring the power supply and connecting the wiring between the indoor and outdoor units, position the wires so that the control box lid can be securely fastened.
  Improper positioning of the control box lid may result in electric shocks, fire or overheating terminals.
- After connecting interconnecting and supply wiring, be sure to shape the cables so that they do not put undue force on the electrical covers or panels. Install covers over the wires.
  Incomplete cover installation may cause terminal overheating, electrical shocks, or fire.
- When installing or relocating the air conditioner, be sure to bleed the refrigerant circuit to ensure it is free of air, and use only the specified refrigerant (R32).
  The presence of air or other foreign matter in the refrigerant circuit cause abnormal pressure rise, which may result equipment damage and even injury.
- The installation height from the floor must be over 2.3m.
- If refrigerant gas leaks during installation, ventilate the area immediately.
  Toxic gas may be produced if the refrigerant gas leaks into the room and comes into contact with a source of fire, such as a fan heater, stove or cooker.
- During pump-down, stop the compressor before removing the refrigerant piping.
  If the compressor is still running and the stop valve is open during pump-down, air will be sucked in when the refrigerant piping is removed, causing abnormal pressure in refrigeration cycle, which may result equipment damage and even injury.
- During installation, attach the refrigerant piping securely before running the compressor.
  If the refrigerant pipes are not attached and the stop valve is open when the compressor is run, air will be sucked in, causing abnormal pressure in the refrigeration cycle, which may result equipment damage and even injury.
- Be sure to earth the air conditioner.
  Do not earth the unit to a utility pipe, lightning conductor or telephone earth lead. Imperfect earthing may result in electric shocks.
- Be sure to install an earth leakage breaker. Failure to install an earth leakage breaker may result in electrical shocks, or fire.

WARNING

- All electrical wiring must not touch the water piping or any moving parts of the fan motors.
- Confirm that the unit has been switched OFF before installing or servicing the unit.
- Disconnect from the main power supply before servicing the air conditioner unit.
- DO NOT pull out the power cord when the power is ON.
  This may cause serious electrical shocks which may result in fire hazards.
- Keep the indoor and outdoor units, power cable and transmission wiring, at least 1m from TVs and radios, to prevent distorted pictures and static.
  Depending on the type and source of the electrical waves, static may be heard even when more than 1m away.
- Do not use means to accelerate the defrosting process (if applicable) or to clean, other than those recommended by the manufacturer.
- The appliance must be stored in a room without continuously operating ignition sources (for example: open flames, an operating gas appliance or an operating electric heater).
- Do not pierce or burn.
- Be aware that refrigerants may not contain an odour.
- The appliance must be installed, operated and stored in a room with a floor area larger than Xm² (refer to Section "Special Precautions When Dealing With R32 Unit"). In case it does not satisfy minimum floor area, it requires to install or good ventilation room.
- NOTE: The manufacturer may provide other suitable examples or may provide additional information about the refrigerant odour.

CAUTION

- Do not install the air conditioner at any place where there is danger of flammable gas leakage.
  In the event of a gas leakage, build-up of gas near the air conditioner may cause a fire to break out.
- While following the instructions in this installation manual, install drain piping to ensure proper drainage and insulate piping to prevent condensation.
  Improper drain piping may result in indoor water leakage and property damage.
- Tighten the flare nut according to specified method such as with a torque wrench.
  If the flare nut is too tight, it may crack after prolonged use, causing refrigerant leakage.
- Do not overcharge the unit.
  The unit is fitted with a Refrigerant Overcharge will cause over-current or damage to the compressor.
- Ensure that the unit's panel is closed after service or installation.
  Failure to close the panel may result in injury.
- Sharp edges and coil surfaces are potential locations which may cause injury hazards.
  Avoid form being in contact with these places.
- Before turning off the power supply and the remote controller's ON/OFF switch to the "OFF" position to prevent the nuisance tripping of the unit.
  If this is not done, the unit's fans will start turning automatically when power resumes, posing a hazard to service personnel in the user.
- Make sure to provide for adequate measures in order prevent that the outdoor unit be used as a shelter by small animals. Small animal making contact with electrical parts can cause malfunctions, smoke or fire.
  Please instruct the customer to keep the area around the unit clean.
- The temperature of refrigerant circuit will be high, please keep the inter-unit wiring away from copper pipes that are not thermally insulated.
- Only qualified personnel can handle, fill, purge and dispose of the refrigerant.

NOTICE

Disposal requirement
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 parts 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. Batteries must be removed from the remote controller and disposed of separately in accordance with relevant local and national legislation.

ACCESSORIES

A	Mounting plate	1	E	Remote controller holder	1
B	Wireless remote controller	1	F	Fixing screws for remote controller holder M3 × 16L	2
C	Drain socket	1	G	Drain plug * Only for heat pump models.	1
			H	AAA dry-cell batteries	2
			I	Titanium apatite deodorizing filter	2
			J	Installation manual	1
			K	Operation manual	1

CHOOSING AN INSTALLATION SITE

- Before choosing the installation site, obtain user approval.

Indoor Unit

The indoor unit should be sited in a place where:
- The restrictions on installation specified in the indoor unit installation drawing are met.
- Both air intake and exhaust have clear paths met.
- The unit is not in the path of direct sunlight.
- The unit is away from the sources of heat or steam.
- There is no source of machine oil vapour (this may shorten indoor unit life).
- Cool air is circulated throughout the room.
- The unit is away from electronic ignition type fluorescent lamps (inverter or rapid start type). As these may shorten the remote controller range.
- The unit is at least 1 metre away from any television or radio set (unit may cause interference with the picture or sound).
- Install at the recommended height (more than 2.3m).
- Do not install the units at or near doorway.
- Do not operate any heating apparatus too close to the air conditioner unit or use in room where mineral oil, oil vapour or oil steam exist, this may cause plastic part to melt or deform as a result of excessive heat or chemical reaction.
- When the unit is used in kitchen, keep flour away from going into suction of the unit.
- This unit is not suitable for factory used where cutting oil, mist or iron powder exist or voltage fluctuates greatly.
- Do not install the units at area like hot spring or oil refinery plant where sulphide gas exists.
- Ensure the color of wires of the outdoor unit and the terminal markings are same to the indoors respectively.
- IMPORTANT : DO NOT INSTALL OR USE THE AIR CONDITIONER UNIT IN A LAUNDRY ROOM.
  Do not use joined and twisted wires for incoming power supply. The equipment is not intended for use in a potentially explosive atmosphere

Wireless Remote Controller

- Do not expose the remote controller to direct sunlight (this will hinder receiving signals from the indoor unit).
- Turn on all the fluorescent lamps in the room, if any, and find the site where remote controller signals are properly received by the indoor unit (within 7 metres).

Outdoor Unit

The outdoor unit should be sited in a place where:
- The restrictions on installation specified in the outdoor unit installation drawing are met.
- Drain water causes no trouble or problem in particular.
- Both air intake and exhaust have clear paths of air.
- The unit is in a clear path of air but not directly exposed to rain, strong winds, or direct sunlight.
- There is no fear of inflammable gas leakage.
- The unit is no directly exposed to salt, sulfidized gases, or machine oil vapour (they may shorten outdoor unit life).
- Operation noise or hot (cold) air flow does not cause trouble to neighbours.
- The unit is at least 3 metres away from any television or radio antenna.
- Condensation dripping from the stop valve cannot damage anything during operation.

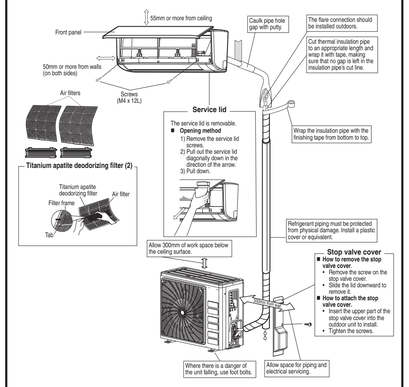
CAUTION

When operating the air conditioner in a low outdoor ambient temperature, be sure to follow the instructions described below.
- To prevent exposure to wind, install the outdoor unit with its suction side facing the wall.
- Never install the outdoor unit at a site where the suction side may be exposed directly to wind.
- To prevent exposure to wind, it is recommended to install a baffle plate on the air discharge side of the outdoor unit.
- In heavy snow areas, select an installation site where the snow will not affect the unit.
- If there is a likelihood of snow accumulating on the outdoor unit, attach a snow protection hood.
- In high humidity areas or heavy snow areas, it is recommended to attach a drain pan heater to prevent ice build-up from the bottom frame.

CAUTION

Do not install the unit at altitude over 2000m for both indoor and outdoor.

INDOOR/OUTDOOR UNIT INSTALLATION DRAWINGS



	ARXC20/25/35	ARXC50/60/71
Max. allowable piping length	20m	30m
Min. allowable piping length**	3m	
Max. allowable piping height	15m	20m
Additional refrigerant required for refrigerant pipe exceeding 7.5m in length*	17g/m	
Gas pipe	3/8 inch (9.5mm)	1/2 inch (12.7mm)
Liquid pipe	1/4 inch (6.4mm)	

* Be sure to add the proper amount of additional refrigerant.
Failure to do so may result in reduced performance.

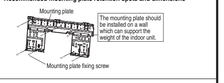
** The suggested shortest pipe length is 10ft (3m), in order to avoid noise from the outdoor unit and vibration.
(Mechanical noise and vibration may occur depending on how the unit is installed and the environment in which it is used.)

INDOOR INSTALLATION GUIDELINE

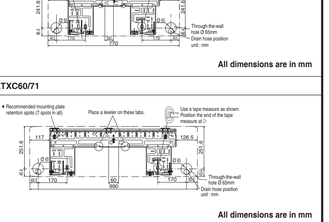
INSTALLING THE MOUNTING PLATE

- The mounting plate should be installed on a wall which can support the weight of the indoor unit.
1) Temporarily secure the mounting plate to the wall, make sure that the panel is completely level, and mark the drilling points on the wall.
2) Secure the mounting plate to the wall with screws.

Recommended mounting plate retention spots and dimensions

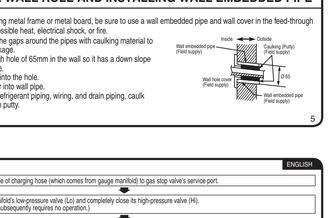


INDOOR UNIT ATXC20/25/35/50



All dimensions are in mm

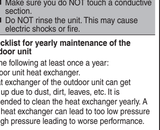
INDOOR UNIT ATXC60/71



All dimensions are in mm

DRILLING A WALL HOLE AND INSTALLING WALL EMBEDDED PIPE

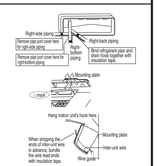
- For walls containing metal frame or metal board, be sure to use a wall embedded pipe and wall cover in the feed-through hole to prevent possible heat, electrical shock, or fire.
- Be sure to caulk the gaps around the pipes with caulking material to prevent water leakage.
1) Drill a feed-through hole of 65mm in the wall so it has a down slope toward the outside.
2) Insert a wall pipe into the hole.
3) Insert a wall cover into wall pipe.
4) After completing refrigerant piping, wiring, and drain piping, caulk pipe hole gap with putty.



INSTALLING INDOOR UNIT

Right-side, right-back, or right-bottom piping.

1) Attach the drain hose to the underside of the refrigerant pipes with adhesive vinyl tape.
2) Wrap the refrigerant pipes and drain hose together with insulation tape.
3) Pass the drain hose and refrigerant pipes through the wall hole, then set the indoor unit on the mounting plate hooks by using the △ markings at the top of the indoor unit as a guide.
4) Open the front panel, then open the service lid.
   (Refer to installation tips.)
5) Pass the inter-unit wire from the outdoor unit through the feed-through wall hole and then through the back of the indoor unit.
   Pull them through the front side. Bend the ends of tie wires upward for easier work in advance. (If the inter-unit wire ends are to be stripped first, bundle wire ends with adhesive tape.)
6) Press the bottom frame of the indoor unit with both hands to set it on the mounting plate hooks. Make sure the wires leads do not catch on the edge of the indoor unit.

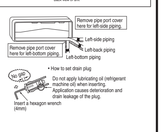


Left-side, left-back, or left-bottom piping.

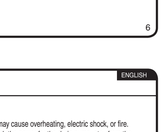
How to replace the drain plug and drain hose

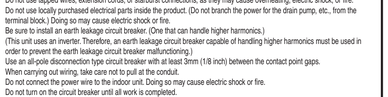
- **Removal method**
  1) Rotate to detach wire clip from hook on the right and remove the drain hose.
  2) Remove the drain plug on the left side and attach it to the right side.
  3) Insert the drain hose and tighten by rotating the wire clip to hook.
     Forgetting to tighten this may cause water leakages.

Drain hose attachment position
The drain hose is on the back of the unit.

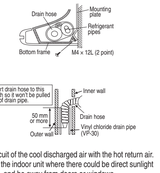


1) Attach the drain hose to the underside of the refrigerant pipes with adhesive vinyl tape.
2) Be sure to connect the drain hose to the drain port in place of a drain plug.
3) Shape the refrigerant pipe along the pipe path marking on the mounting plate.
4) Pass drain hose and refrigerant pipes through the wall hole, then set the indoor unit on mounting plate hooks, using the △ markings at the top of indoor unit as a guide.
5) Pull in the inter-unit wiring.
6) Connect the inter-unit piping.





7) Wrap the refrigerant pipes and drain hose together with insulation tape as right figure.
8) While take extra care while going through activities so that the interconnecting wires do not damaged by indoor unit, press the bottom edge of indoor unit with both hands until it is firmly caught by the mounting plate hooks. Secure indoor unit to the mounting plate with the screws (M4 × 12L).

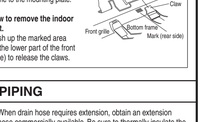


Wall embedded piping.

Follow the instructions given

Left-side, left-back, or left-bottom piping

1) Insert the drain hose to this depth so it won't be pulled out of the drain pipe.
   The indoor unit must be installed in such a way so as to prevent short circuit of the cool discharged air with the hot return air. Please follow the installation clearance shown in the figure. Do not place the indoor unit where there could be direct sunlight shining on it. Also, this location must be suitable for piping and drainage, and be away from doors or windows.

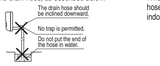


■ **How to attach the indoor unit**
Hook the claws of the bottom frame to the mounting plate.

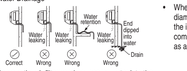
■ **How to remove the indoor unit.**
Push up the marked area (at the lower part of the front grille) to release the claws.

DRAIN PIPING

- Connect the drain hose, as described below.

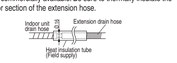


- Water Drainage



- Remove the air filters and pour some water into the drain pan to check the water flows smoothly.

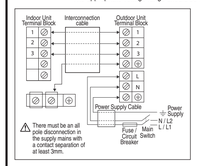
- When drain hose requires extension, obtain an extension hose commercially available. Be sure to thermally insulate the indoor section of the extension hose.



- When connecting a rigid polyvinyl chloride pipe (inside diameter 16mm) directly to the drain hose attached to the indoor unit as with embedded piping work, use any commercially available drain socket (inside diameter 16mm) as a joint.

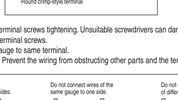
WIRING

IMPORTANT : * The figures shown in the table are for information purpose only. They should be checked and selected to comply with the local/national codes of regulations. This is also subject to the type of installation and conductors used.
** The appropriate voltage range should be checked with label data on the unit.



Model	Indoor (ATXC)	20/25/35C	50/60/71C
	Outdoor (ARXC)	20/25/35C	50/60/71C
Voltage range**		220-240V/~50Hz (⏚)	
Power supply cable size* / Number of conductors	mm²	1.5 3	2.5 3
Interconnection cable size* / Number of conductors	mm²	1.5 4	1.5 4
Recommended fuse / circuit breaker rating**	A	16	16

- All wires must be firmly connected.
- Make sure all the wire do not touch the refrigerant pipings, compressor or any moving parts.
- The connecting wire between the indoor unit and the outdoor unit must be clamped by using provided cord anchorage.
- The power supply cord must be equivalent to H07RN-F which is the minimum requirement.
- Make sure no exter nal pressure is applied to the terminal connectors and wires.
- Make sure all the covers are properly fixed to avoid any gap.
- Use round crimp-style terminal for connecting wires to the power supply terminal block. Connect the wires by matching to the indication on terminal block. (Refer to the wiring diagram attached on the unit).



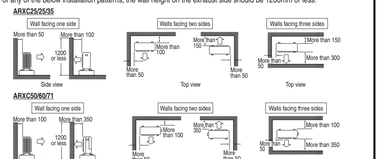
- Used the correct screwdriver for terminal screws tightening. Unsuitable screwdrivers can damage the screw head.
- Over tightening can damage the terminal screws.
- Do not connect wire of different gauge to same terminal.
- Keep wiring in an orderly manner. Prevent the wiring from obstructing other parts and the terminal box cover.

OUTDOOR INSTALLATION GUIDELINE

INSTALLING OUTDOOR UNIT

- Where a wall or other obstacle is in the path of outdoor unit's intake or exhaust airflow, follow the installation guidelines below.
- For any of the below installation patterns, the wall height on the exhaust side should be 1200mm or less.

ARXC25/25/35



ARXC50/60/71

All dimensions are in mm

DRAIN WORK

Drain work. (Heat Pump Unit Only)

1) Use drain socket for drainage.
2) If the drain port is covered by a mounting base or floor surface, place additional foot bases of at least 30mm (1-3/16") in height under the outdoor unit's feet.
3) In cold areas, do not use a drain hose with the outdoor unit. (Otherwise, drain water may freeze, impairing heating performance.)

FLARING THE PIPE END

1) Cut the pipe end with a pipe cutter.
2) Remove burrs with the cut surface facing downward so that the chips do not enter the pipe.
3) Put the flare nut on the pipe.
4) Flare the pipe.
5) Check that the flaring is properly made.

WARNING

- Do not use mineral oil on flared part.
- Prevent mineral oil from getting into the system as this would reduce the lifetime of the units.
- Never use piping which has been used for previous installations.
- Only use parts which are delivered with the unit.
- Do never install a drier to this unit in order to guarantee its lifetime.
- The drying material may dissolve and damage the system.
- Incomplete flaring may cause refrigerant gas leakage.

CAUTION

Do not reuse joints which have been used once already.

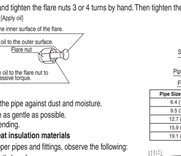
Pipe Dia. mm (in)	Rigid (Clutch-type)	Rigid (Wing-nut type)
6.4 (1/4")	0-0.5	1.0-1.5
9.5 (3/8")	0-0.5	1.0-1.5
12.7 (1/2")	0-0.5	1.0-1.5
15.9 (5/8")	0-0.5	1.0-1.5
19.1 (3/4")	0-0.5	1.0-1.5

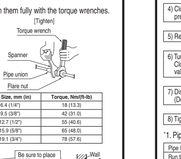
REFRIGERANT PIPING

CAUTION

1) Use the flare nut fixed to the main unit. (To prevent cracking of the flare nut by aged deterioration.)
2) To prevent gas leakage, apply refrigeration oil only to the inner surface of the flare. (Use refrigeration oil for R32.)
3) Use torque wrenches when tightening the flare nuts to prevent damage to the flare nuts and gas leakage.

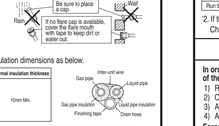
Align the centres of both flares and tighten the flare nuts 3 or 4 turns by hand. Then tighten them fully with the torque wrenches.





1. **Cautions on pipe handling**
   1) Protect the open end of the pipe against dust and moisture.
   2) All pipe bends should be as gentle as possible.
      Use a pipe bender for bending.
2. **Selection of copper and heat insulation materials**
   When using commercial copper pipes and fittings, observe the following:
   1) Insulation material: Polyethylene foam
      Heat transfer rate: 0.041 to 0.052W/mK (0.035 to 0.045kcal/(mh • C)
      Refrigerant gas pipe's surface temperature reaches 110˚C max.
      Choose heat insulation materials that will withstand this temperature.
   2) Be sure to insulate both the gas and liquid piping and to provide insulation dimensions as below.

Pipe size, mm (in)	Minimum bend radius	Piping thickness	Thermal insulation size	Thermal insulation thickness
6.4 (1/4")	30mm or more	0.8mm (C1220T-O)	I.D. 8-10mm	10mm Min.
9.5 (3/8")	30mm or more		I.D. 12-15mm	
12.7 (1/2")	40mm or more		I.D. 14-16mm	
15.9 (5/8")	50mm or more	1.0mm (C1220T-O)	I.D. 16-20mm	
19.1 (3/4")	50mm or more		I.D. 20-24mm	



NOTICE

Do NOT exceed the unit's maximum working pressure (see "Max. Allowable Pressure" on the unit name plate).

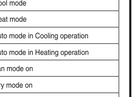
PURGING AIR AND CHECKING GAS LEAKAGE

- When piping work is completed, it is necessary to purge the air and check for gas leakage

WARNING

1) Do not mix any substance other than the specified refrigerant (R32) into the refrigeration cycle.
2) When refrigerant gas leaks occur, ventilate the room as soon and as much as possible.
3) R32, as well as other refrigerants, should always be recovered and never be released directly into the environment.
4) Use a vacuum pump for R32 exclusively. Using the same vacuum pump for different refrigerants may damage the vacuum pump or the unit.

- If using additional refrigerant, perform air purging from the refrigerant pipes and indoor unit using a vacuum pump, then charge additional refrigerant.
- Use a hexagonal wrench (4mm) to operate the stop valve rod.
- All refrigerant pipe joints should be tightened with a torque wrench at the specified tightening torque.



1) Connect projection side of charging hose (which comes from gauge manifold) to gas stop valve's service port.
2) Fully open gauge manifold's low-pressure valve (Lo) and completely close its high-pressure valve (Hi). (High-pressure valve subsequently requires no operation.)
3) Do vacuum pumping and make sure that the compound pressure gauge reads -0.1MPa (-760mmHg)*1.
4) Close gauge manifold's low-pressure valve (Lo) and stop vacuum pump. (Keep this state for a few minutes to make sure that the compound pressure gauge pointer does not swing back.)*2.
5) Remove covers from liquid stop valve and gas stop valve.
6) Turn the liquid stop valve's rod 90 degrees counterclockwise with a hexagonal wrench to open valve. Close it after 5 seconds, and check for gas leakage. Using soapy water, check for gas leakage from indoor unit's flare and outdoor unit's flare and valve rods. After the check is complete, wipe all soapy water off.
7) Disconnect charging hose from gas stop valve's service port, then fully open liquid and gas stop valves. (Do not attempt to turn valve rod beyond its stop.)
8) Tighten valve caps and service port caps for the liquid and gas stop valves with a torque wrench at the specified torques.

*1. Pipe length vs. vacuum pump run time

Pipe length	Up to 15 metres	More than 15 metres
Run time	Not less than 10 min.	Not less than 15 min.

*2. If the compound pressure gauge pointer swings back, refrigerant may have water content or a loose pipe joint may exists. Check all pipe joints and retighten nuts as needed, then repeat steps 2) through 4).

PUMP DOWN OPERATION

In order to protect the environment, be sure to pump down when relocating or disposing of the unit.

1) Remove the valve lids from liquid stop valve and gas stop valve.
2) Carry out forced cooling operation.
3) After five to ten minutes, close the liquid stop valve with a hexagonal wrench.
4) After two to three minutes, close the gas stop valve and stop forced cooling

Forced cooling operation

■ **Using the indoor unit ON/OFF switch**

Press the indoor unit ON/OFF switch for at least 5 seconds. (The operation will start.)

- Forced cooling operation will stop automatically after around 15 minutes.
  To stop the operation, press the indoor unit ON/OFF switch.

CAUTION

After closing the liquid stop valve, close the gas stop valve within 3 minutes, then stop the forced cooling operation.

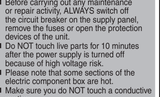
To pump down

DANGER: RISK OF EXPLOSION

Pump down - Refrigerant leakage. If you want to pump down the system, and there is a leakage in the refrigerant circuit:
- Do NOT use the unit's automatic pump down function, with which you can collect all refrigerant from the system into the outdoor unit. Possible consequence: Self-combustion and explosion of the compressor because of air going into the operating compressor.
- Use a separate recovery system so that the unit's compressor does NOT have to operate.

NOTICE

During pump down operation, stop the compressor before removing the refrigerant piping. If the compressor is still running and the stop valve is open during pump down, air will be sucked into the system. Compressor breakdown or damage to the system can result due to abnormal pressure in the refrigerant cycle.



WIRING

WARNING

- Do not use tapped wires, extension cords, or starburst connections, as they may cause overheating, electric shock, or fire.
- Do not use locally purchased electrical parts inside the product. (Do not branch the power for the drain pump, etc., from the terminal block.) Doing so may cause electric shock or fire.
- Be sure to install an earth leakage circuit breaker. (One that can handle higher harmonics.)
  (This unit uses an inverter. Therefore, an earth leakage circuit breaker capable of handling higher harmonics must be used in order to prevent the earth leakage circuit breaker malfunctioning.)
- Use an all-pole disconnection type circuit breaker with at least 3mm (1/8 inch) between the contact point gaps.
- When carrying out wiring, take care not to pull at the conduit.
- Do not connect the power wire to the indoor unit. Doing so may cause electric shock or fire.
- Do not turn on the circuit breaker until all work is completed.
  1) Strip the insulation from the wire (20mm).
  2) Connect the inter