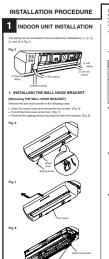
SPLIT TYPE ROOM AIR CONDITIONER

INSTALLATION INSTRUCTION SHEET

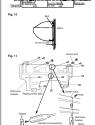
(PART NO. 9368827014)

SELECTING THE MOUNTING POSITION









2. CUTTING THE HOLE IN THE WALL FOR THE CONNECTING PIPING

∆ WARNING					
If the wall pipe is not used, the cord interconnecting the indoor and outdoor units may touch metal and cause elec- tric leakage.					





















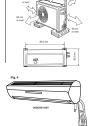














on trinstill the unit where a strong wind blows or where it is very sit; or not install the unit where people pass; is your meighform into consideration so that they are not disturbed air blowing into their windows or by noise.	Wall book bracket
so for efficient operation, leave open three of the four directions int, mar, and both sides.	Remote control unit
20 cm or over	Battery (persignt)
B con Couler Ab con or couler	Remote control unit holder
80.4 cm	Deale hose



STANDARD ACCESSORIES The following installation accessories are supplied. Uses them as required.					
INDOOR UNIT ACCESSORIES					
Name and Shape	O'ty	Use			
Wall book bracket	1	For indoor unit installation			
Remote control unit	1	Use for air conditioner operation			
Battery (persigns)	2	For remote control unit			
Remote control unit holder	1	Use as remote control unit holder			
Drain hose	1	For indoor unit installation			
Insulation (Drain hose)	1	For drain hose installation			
Tapping screw (big) (s4 × 20)	12	For wall hook bracket installation			
Tapping screw (small)		For remote control unit			

	1	
STATISTICAL STATES	1	For indoor unit installation
substice train hose)	1	For drain hose installation
or × sol Oliman delud scan (pd)	12	For wall hook bracket installation
oping screw (small) G × 12)	2	For remale control unit holder installation
		,

× (2)	2	holder installation
TDOOR UNIT ACC	ESSC	RIES
	1	For vacuuming and addi- tional charge
in pipe	1	For outdoor unit drain
	1	piping work [Heat & Cool model (Reverse cycle) only!
	2	

Table 1				
Dian	Diameter		Maximum Hely	
Small	Large	length	(between Indo	
9.53 mm (3/8 in)	15.00 mm (5/0 in)	20 m (66 ft)	8 m (26 t)	
Use pipe with wo	2 mm thick pipe. der-resistant heat in withstand a pres		Pa.	

ELECTRICAL REQUIREMENT

MX.	3.5	4.0
IIN.	2.5	3.5
AX.	2.5	2.5
IIN.	1.5	1.5
_	20	30
	IIN.	IIN. 2.5 IIN. 2.5 IIN. 1.5

CONNECTION PIPE REQUIREMENT 2 OUTDOOR UNIT INSTALLATION

um Height	⚠WARNING
utdoor) (26 ti)	(1) Install the unit where it will not be tilted by more than 5".
	(2) When installing the outdoor unit where it may exposes to strong wind, fasten it securely.







To prevent gas leakage, cost the flare surface with religerator oil.	
ue	
dne	
350 kgf - cm)	
800 kaf - cm)	

ELECTRICAL WIRING

⚠ WARNING

(1) Before starting work, check that power is not being supplied to indoor unit and the outdoor unit.

- (2) Match the terminal block numbers and connection cord colors of the indoor unit and the outdoor unit. Erroneous wiring may cause burning of the electric parts.
- (3) Connect the connection cords firmly to the terminal block. Imperfect installation may cause a fire.
- (4) Always fasten the outside covering of the connection cord with the cord clamp. (If the insulator is chafed, electric leakage may occur.)
- (5) Always connect the ground wire.

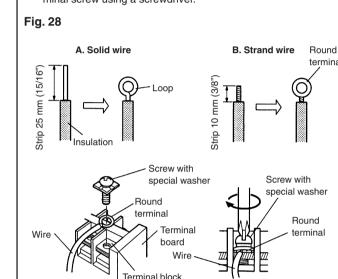
HOW TO CONNECT WIRING TO THE TERMINALS

A. For solid core wiring (or F-cable)

- (1) Cut the wire end with a wire cutter or wire-cutting pliers, then strip the insulation to about 25 mm (15/16") to expose the solid wire.
- (2) Using a screwdriver, remove the terminal screw(s) on the terminal
- (3) Using pliers, bend the solid wire to form a loop suitable for the terminal screw.
- (4) Shape the loop wire properly, place it on the terminal board and tighten securely with the terminal screw using a screwdriver.

B. For strand wiring

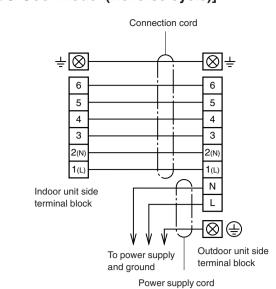
- (1) Cut the wire end with a wire cutter or wire-cutting pliers, then strip the insulation to about 10 mm (3/8") to expose the strand wiring. 2) Using a screwdriver, remove the terminal screw(s) on the terminal
- (3) Using a round terminal fastener or pliers, securely clamp a round terminal to each stripped wire end.
- (4) Position the round terminal wire, and replace and tighten the terminal screw using a screwdriver.



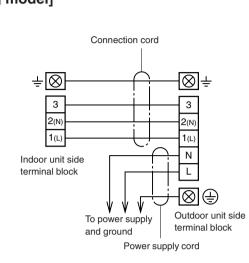
1. CONNECTION DIAGRAM

Fig. 29

[Heat & Cool model (Reverse cycle)]



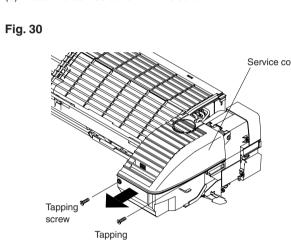
[Cooling model]



2. INDOOR UNIT SIDE

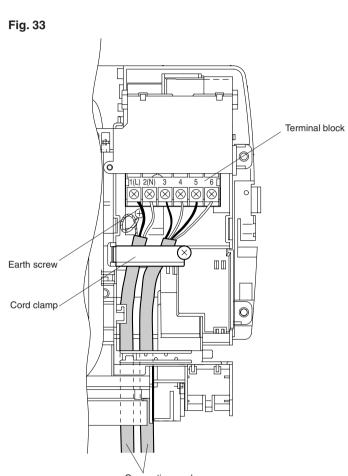
(1) Remove the service cover (Fig.30).

(3) Connect the end of the connection cord fully into the terminal block. (4) Fasten the connection cord with a cord clamp. (5) Install the service cover with the screw.



Mount to position high on the wall: Use the table below to set the wall mounting position. Indoor unit / circuit board Jumper wire (JM1) Mounting height 1.5 m – 2.0 m Connect (primary setting) 2.0 m – 2.5 m

[Heat & Cool model (Reverse cycle)]



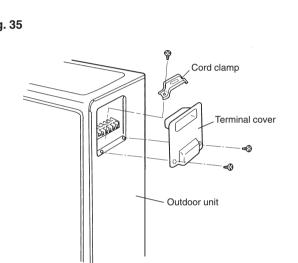
[Cooling model] Fig. 34 Earth screw Cord clamp ²

3. OUTDOOR UNIT SIDE

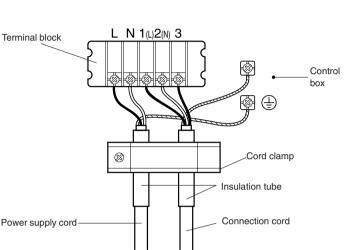
⚠ CAUTION Use VW-1, 12 mm diamater, 0.5 to 1.0 mm thick, connection PVC tube as the insulation tube.

- (1) Remove the outdoor unit terminal cover and cord clamp. (2) Process the end of the connection cords to the dimensions shown in
- (3) Connect the end of the connection cord fully into the terminal block and fasten with the screws.
- (4) Fasten the sheath with a cord clamp. (Fig.36) (5) Install the terminal cover.





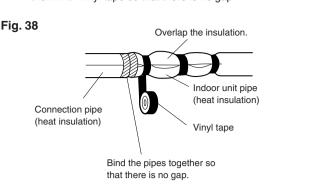
[Heat & Cool model (Reverse cycle)]



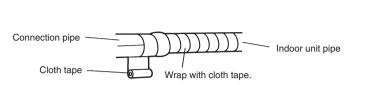
FINISHING

1. CONNECTION PIPE, CORD AND DRAIN HOSE

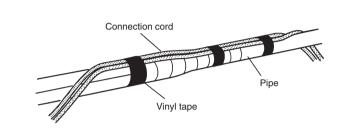
- Insulate between pipes
- For ① Rear, ② Right, and ③ Bottom piping, overlap the connection pipe heat insulation and indoor unit pipe heat insulation and bind
- them with vinyl tape so that there is no gap.
- For ④ Left rear and ⑤ Left piping, butt the connection pipie heat insulation and indoor unit pipe heat insulation together and bind them with vinyl tape so that there is no gap.



• For 4 Left rear and 5 Left piping, wrap the area which accommodates the rear piping housing section with cloth tape.

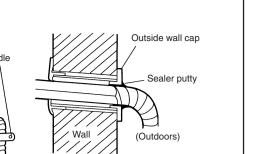


• For ④ Left rear and ⑤ Left piping, bind the connection cord to the top of the pipe with vinyl tape.



(2) Temporarily fasten the connection cord along the connection pipe with vinyl tape. (Wrap to about 1/3 the width of the tape from the bottom of the pipe so that water does not enter.)

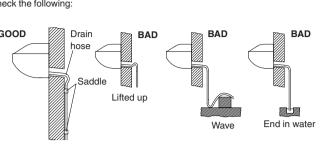
(3) Fasten the connection pipe to the outside wall with a saddle, etc. (4) Fill the gap between the outside wall pipe hole and the pipe with sealer so that rain water and wind cannot blow in.



(5) Fasten the drain hose to the outside wall, etc.

Fig. 43 Check the following:

Fig. 42



2. INSTALLING FRONT COVER

side hook, 2 locations; under hook, 1 location

• Carefully attach the front cover to the diffuser on the front of the body of the indoor unit.

• Push in the following hooks from the outside: front hook, 3 locations;

• The last step is to push in the hook above the blower outlet.

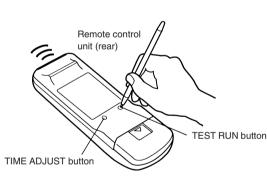
- Secure the lower section of the front cover with tapping screws in two locations and close the screw cover.

 - the wiring and has an isolation distance of at least 3 mm between the contacts of each pole.
 - and positively.
 - related laws and regulations and electric company standards.

air conditioner current and the current of other electrical appliances. When the current contracted capacity is insufficient, change the contracted capacity.

- Perform test operation and check items 1 and 2 below.
- For the operation method, refer to the operating manual • The outdoor unit may not run, depending on the room temperature. In this case, press the test run button at the back of the remote control unit while the room air conditioner is running. (With the transmit section of the remote control unit facing the body,

press the TEST RUN button with the tip of a ball point pen.)



Operation can be checked by lighting and flashing of the display section

- OPERATION and TIMER lamps. Perform judgement in accordance with the following.
- Test running When the air conditioner is run by pressing the remote control unit test run button, the OPERATION and TIMER lamps flash slowly at
- The OPERATION, TIMER and SWING lamps operate as follows (Table 6) according to the error contents.

: Slow flashing : Off

	Error display		
Error contents	OPERATION (RED)	TIMER (YELLOW)	SWING (ORANGE
Indoor unit circuit board error	0	0	_
Indoor unit room temperature sensor wire opened	2 times	0	_
Indoor unit room temperature sensor wire short circuited	2 times	0	0
Indoor unit piping sensor wire opened	3 times	0	_
Indoor unit piping sensor short circuited	3 times	0	0
Indoor unit fan error	6 times		_

- (1) Is operation of each button on the remote control unit normal? (2) Does each lamp light normally?
- (5) Is there any abnormal noise and vibration during operation? (2) OUTDOOR UNIT
- (3) Is there any gas leakage?

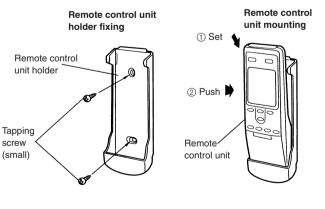
(1) Is there any abnormal noise and vibration during operation? (2) Will noise, wind, or drain water from the unit disturb the neighbors?

• For the operation method, refer to the operating manual and perform operation check.

REMOTE CONTROL UNIT

paying careful attention to the following: Avoid places in direct sunlight.

stalling the remote control unit, check that it operates positively. ping screw (Fig. 47).



- (2) Air filter removal and cleaning, and how to use the air louvers. (3) Give the operating manual and installation instruction sheet to the customer.

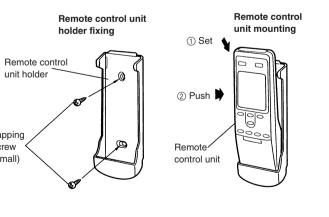
INSTALLATION

(1) Check that the indoor unit correctly receives the sig-

(2) Select the remote control unit holder selection site by Select a place that will not be affected by the heat from

1. REMOTE CONTROL UNIT HOLDER INSTALLA-

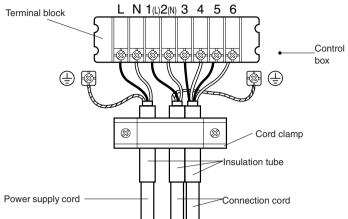
• Install the remote control unit with a distance of 7 m between the remote control unit and the photocell as the criteria. However, when in-• Install the remote control unit holder to a wall, pillar, etc. with the tap-

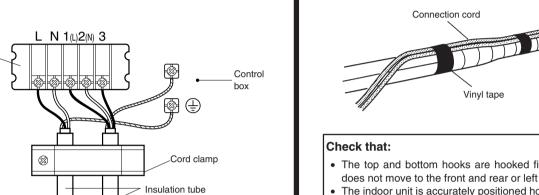


CUSTOMER GUIDANCE

- Explain the following to the customer in accordance with the operating
- (1) Starting and stopping method, operation switching, temperature adjustment, timer, air flow switching, and other remote control unit op-

PART NO. 9368827014



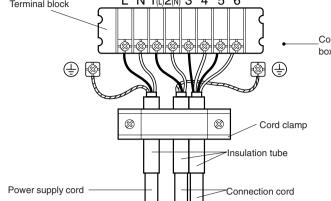


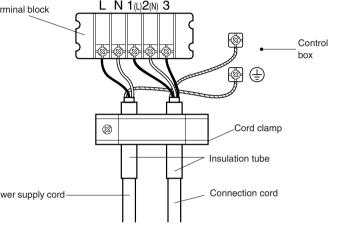
 The top and bottom hooks are hooked firmly and the indoor unit does not move to the front and rear or left and right. The indoor unit is accurately positioned horizontally and vertically. When connected from the left rear, the drain hose is at the bottom left of the wall pipe.

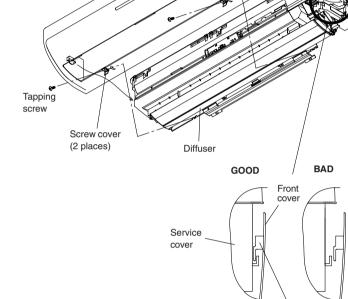
(1) The rated voltage of this product is 220-240 V A.C.

- (3) Always use a special branch circuit and install a spe-
- cial breaker to supply power to the room air conditioner.
- (4) Use a circuit breaker matched to the capacity of the room air conditioner. (Install in accordance with stand-
- (5) The circuit breaker is installed in the permanent wir-
- (6) Perform wiring work in accordance with standards so that the room air conditioner can be operated safely
-) Install a leakage circuit breaker in accordance with the

- (1) The power source capacity must be the sum of the room







⚠ WARNING

⚠ CAUTION

the same time.

Error contents	OPERATION (RED)	TIMER (YELLOW)	SWING (ORANGE)
Indoor unit circuit board error	0	0	_
Indoor unit room temperature sensor wire opened	2 times	0	_
Indoor unit room temperature sensor wire short circuited	2 times	0	0
Indoor unit piping sensor wire opened	3 times	0	_
Indoor unit piping sensor short circuited	3 times	0	0
Indoor unit fan error	6 times	0	_

CHECK ITEMS (1) INDOOR UNIT

(3) Do not air flow direction louvers operate normally? (4) Is the drain normal?

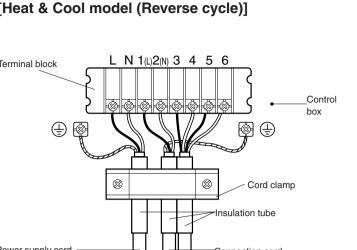
• Do not operate the air conditioner in the test running state for a long

⚠ CAUTION

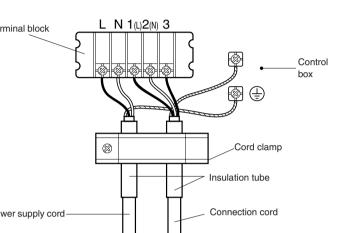
nal from the remote control unit, then install the remote control unit holder.

a stove, etc.

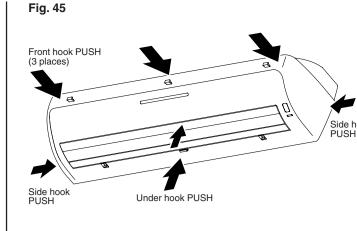
Fig. 36 After passing the connection cord through the insulation tube, fasten it with the cord



[Cooling model]



(For connection from the left rear)



POWER