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Table 1: Minimum Floor area of the room Amin (m²)

	Model		Max. Pipe ft(m)	Chargeless up to ft(m)		Additional R32 oz/ft(g/m)		The maximum refrigerant charge (mmax)	
	RAC-DJ09WHAA		82-1/32ft (25m)	49-7/32ft (15m))		0.11oz/ft (10g/m)		28.22oz (800g)	
	Refrigerant Safety Group AZL WARNING					This symbol shows that a service personnel should be handling this equipment with reference to the Installation Manual.			
		This symbol shows that the Operat Instructions should be read carefully.			CAUTION		This symbol shows that there is information included in the Operation Manual and/or Installation Manual		



- A circuit breaker or fuse must be installed. Without a circuit breaker or fuse the danger of electric shock exists. The external switch shall be incorporated to completely disconnect from power supply. It should disconnect all poles, and a contact
- separation of at least 4/32" (3mm) must be present.
 Do not install the unit near a location where there is flammable gas. The outdoor unit may catch fire if flammable
- gas leaks around it. Do not install the indoor unit in a machine shop, kitchen and laundry rooms when vapor from oil or its mist flows to the indoor unit. The oil will deposit on the heat exchanger, thereby reducing the indoor unit performance and may deform and in the worst case, break the plastic parts of the indoor unit.

- Please ensure smooth flow of water when installing the drain hose. Piping shall be suitable supported with a maximum spacing of 3-9/32ft (1m) between the supports. Selecting the installation location: Suitable location that will reduce the impact from rain and direct sun that may affect the unit performance. Besides that, ventillation must be good and clear of obstruction.
- The air blown out of the unit should not point directly to animals or plants.
- The clearances of the unit from top, left, right and front are specified in figure below. At least three of the above sides must be open ai
- Be sure that the hot air blown out of the unit and noise do not disturb the neighbourhood. Do not install at a location where there is flammable gas, steam, oil and smoke

increase.

open air.

UNIT

OUTDOOR

UNIT

OUTDOOR

- The location must be convenient for water drainage. Place the outdoor unit and its connection wire at least 3-9/32ft (1m) away from the antenna or signal line of television, radio or telephone. This is to avoid noise interference.
- Do not install outdoor unit facing strong wind direction. It may damage the fan motor. Do not install outdoor unit in a place where small animals may build their nests. If small animal goes inside the unit and touches the electrical parts, failure of the unit, smoke or fire may be caused. Request your customer to keep the surrounding of the unit is
- Safely dispose all packing and transportation materials in accordance with federal/state/local laws orordinances. Packing materials _____, accordance with rederal/state/local laws orordinances. Packing materials such as nails and other metal or wood parts, including plastic packing materials used for transportation may cause injuries or death by suffocation.
- The maximum number of pieces of equipment permitted to be stored together will be determined by local regulations. Storage package protection should be constructed in such a way that mechanical damage to the equipment inside the package will not cause a leak of the REFRIGERANT CHARGE.

- Do not use means to accelerate the defrosting process or to clean, other than those recommended by the manufacturer. Any unfit
- The appliance/pipe-work shall be stored in a well ventilated room with indoor floor area larger than A_{min} [refer to Table 1] and without any continuously operating ignition source. Keep away from open flames, any operating gas appliances or any operating electric ventilated room with indoor floor area larger than A_{min} [refer to Table 1] and without any continuously operating ignition source. heater. Else, it may explode and cause injury or death.
- The appliance/pipe-work shall be installed, and/or operated in a room with floor area larger than A_{min} [refer to Table 1] and keep away from ignition sources, such as heat/spark/open flame or hazardous areas such as gas appliances, gas cooking, reticulated gas supply systems or electric cooking appliances, etc.
- Do not pierce or burn as the appliance/pipe-work is pressurized. Do not expose the appliance/pipe-work to heat, flame, sparks, or other sources of ignition. Else, it may explode and cause injury or death.

The Choice of Mounting Site (Please note the following matters and obtain permission from customer before installation).





BASE ZZZ



Outer diameter: → (1) DRAIN PIPE 5/8"(16mm) or more



Figure 1

w DRAIN PIPE

When Using and Installing In Cold Areas

When the air conditioner is used in low temperature and in snowy conditions, water from the heat exchanger may freeze on the base surface to cause poor drainage. When using the air conditioner in such areas, do not install the bushings. Keep a minimum of 9-27/32" (250mm) between the drain hole and the ground. When using the drain pipe, consult your sales agent.

💥 For more details, refer to the installation Manual for Cold Areas.

Use the two spanners or the service valve nuts to tighten and loosen so that the service valve will not deform. Gas leak from the crushed part, stagnation touching fire, rarely cause ignition



PURGING OF REFRIGERANT IS PROHIBITED

Purging of refrigerant will cause the unit to be lacked of refrigerant which may affect the capacity performance and lead to severe dew formation causing problem such as dew water drop or splashing from the unit.

When connecting pipes. If you tighten the flare nut by excess torque, the service valve on the small pipe side may be broken. The flare nut on the small pipe side should be torqued to 122 - 165lbf.in (140 - 190kgf.cm).

BURST HAZARD Do not allow air, etc. to get into refrigerant cycle (pipina)

RISK OF EXPLOSION

Compressor must be stopped before removing refrigerant pipes. All service valve must be fully closed after pumping down operation.

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- The naked part of the wire core should be 25/64" (10mm) and fix it to the terminal tightly. Then try to pull the individual wire to check if the contact is tight. Improper insertion may burn the terminal
- Be sure to use only power cables approved from the authorities in your country. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified person in order to to avoid a hazard.
- Please refer to the following for wire connection to the terminals of the units. The cabling must meet the standards of electrical installation. There is a AC voltage of 208-230V between the L and N terminals. Therefore, before
- servicing, be sure to remove the plug from the AC outlet or switch off the main switch.
- The supply cord of appliances for outdoor use shall be between 4-59/64ft & 9-27/32ft (1.5m & 3m) long and shall Maximum Overcurrent Protection Fuse be either an EXTRA HARD USAGE or a HARD USAGE CORD. 15A as this may cause overheating or fire.

IMPORTANT

- Leave some space in the connecting cord for maintenance purpose and be sure to secure it with the cord band.
- · Secure the connecting cord along the coated part of the wire using the cord band. Do not exert pressure on the wire

2 Power Source And Operation Test

4. Press the ON/Off button on the remote controller to make sure that the air conditioner stops running.

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- I he connected terminals should be completely sealed with heat ins and then tied up with rubber strap.
- Please tie the pipe and power line together with vinyl tape as shown in the figure showing the installation of Indoor and Outdoor units. Then fix their position with holders.
- To enchance the heat insulation and to prevent water condensation, please cover the outdoor part of the drain hose and pipe with insulation pipe.
- · Completely seal any gap with putty.

Insulation material for pipe connection





Power Source

Note

- Please use a new socket. Accident may occur due to the use of old socket because of poor contact.
- Please plug in and then remove the plug for 2 3 times. This is to ensure that the plug is completely plugged into the socket.
- Keep additional length for the power cord and do not render the plug under external force as this may cause poor contact.
- Do not fix the power cord with U-shape nail.

Operation Test

- Please be sure to measure the supply voltage before operation test.
- Please ensure that the air conditioner is in normal operating condition during the operation test.
- 1. Operate with Cool Mode(in summer) or Heat Mode(in winter).
- 2. Press Temperature Button on the remote controller to set the desired temperature to 60°F (16.0°C) for Cool Mode or 90°F (32.0°C) for Heating Mode

Set the desired fan speed to " % IIII "(High).

3. Operate the air conditioner for 20 minutes at least and make sure that the air from the air conditioner is cool or

. If the indication lamps of the indoor unit blink with sounding the buzzar during the operation test, perform a check following the procedures below.

Indication lamps blinking mode	What do check
All indication lamps blink three times repeatedly.	Make sure that the spindles of both service valves are open. (Outdoor fan might operate for near 15 minutes after the operation stop for the protection. For the reoperation at that case, do it after outdoor fan will stop.)

- Before the check and the reoperation, reset the power supply by turning off and on the circuit breaker only after
- 1. waiting for at least 5 minutes; or
- 2. pressing the Temporary Switch Button only once while the power is OFF.

- the situation that the spindle of the service valve is closed. This will cause the defect.
- Don't operate by Cool Mode or Dry Mode with the door and windows opened, (the room humidity is always above 80%) for a long period of time. Water will condense and drip down occasionally. This will wet your furniture.
- Explain to your customer the proper operation procedures as described in the user's manual.
- If the indoor unit won't operate, check the cable for correct connection.
- Turn on the lamp in the room where the indoor unit is installed and check the remote controller for normal operation.

California Proposition 65



Proposition 65: This product contains chemicals known to the state of California to cause cancer, birth defects, and other reproductive harm. For more information, go to www.P65Warnings.ca.gov

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