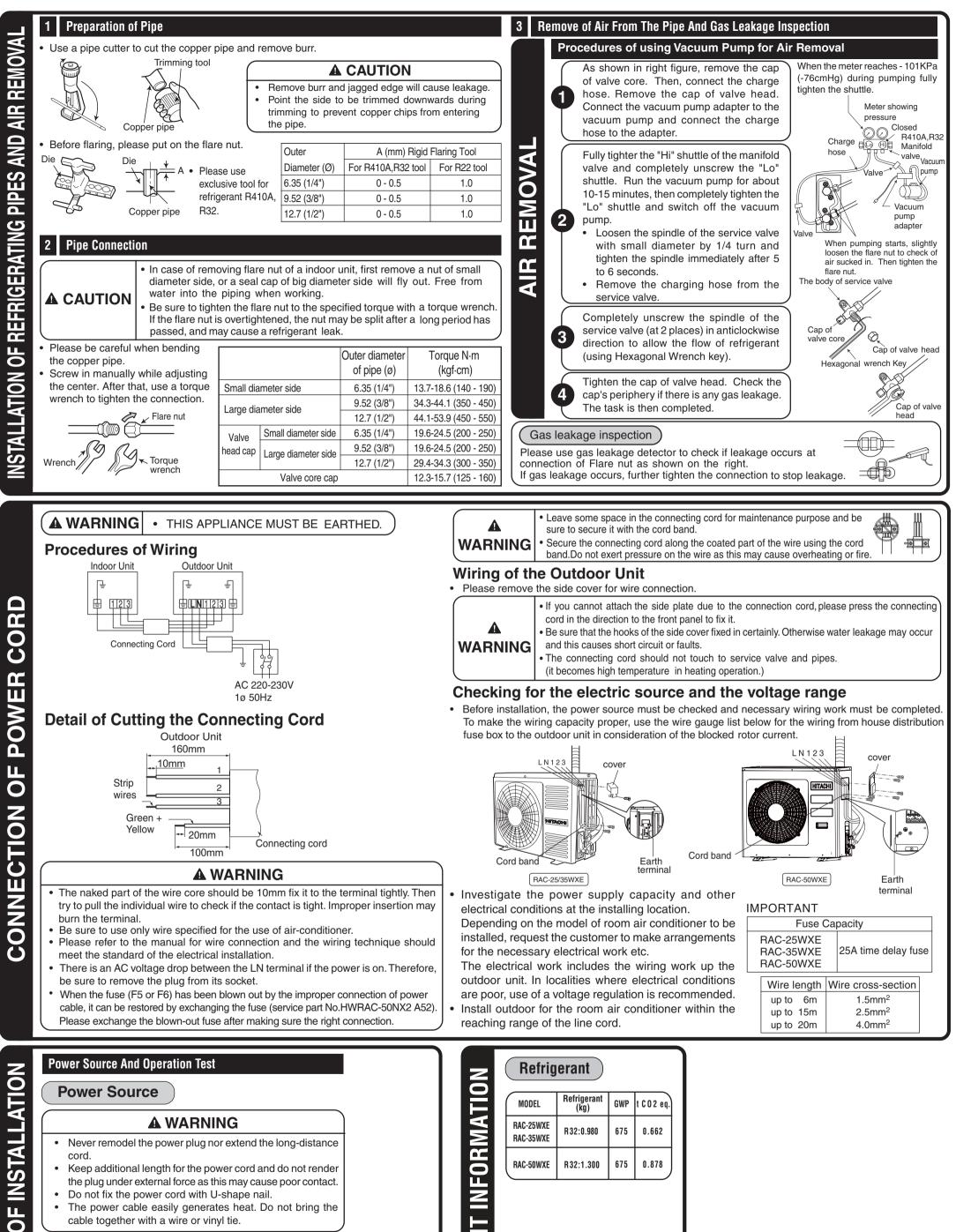
<pre>&lt;0018833C&gt; ①EN FOR SERVICE PERSONNEL ONLY</pre>	▲ CAUTION
<ul> <li>Carefully read through the procedures of proper installation before starting installation work.</li> <li>The sales agent should inform customers regarding the correct operation of installation.</li> </ul>	<ul> <li>A circuit breaker must be installed in the house distribution box for the direct connected power supply cables to the outdoor unit. In case of other installations a main switch with a contact gap or more than 3mm has to be installed. Without a circuit breaker, the danger of electric shock exists.</li> <li>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.</li> </ul>
INSTALLATION MANUALTools Needed For Installation WorkMODELImage: Rac-25WXE Rac-35WXE Rac-35WXE Rac-50WXE(Mark () is exclusive use tool for R410A, R32) () ⊕ ⊖ Screwdriver • Measuring Tape • Knife • Sa • Ø65mm PowerDrill • Hexagonal Wrench Ke () ⊕ ⊖ Screwdriver • Measuring Tape • Knife • Sa 	<ul> <li>Please ensure smooth flow of water when installing the drain hose. Improper installing may wet your furniture.</li> <li>An IEC approved power cord should be used. Power cord type: NYM.</li> <li>THE CHOICE OF MOUNTING SITE (Rease note the following matters and obtain permission from customer before installation.)</li> </ul>
SAFETY PRECAUTION	weight. Otherwise, noise and vibration will increase.
<ul> <li>Read the safety precautions carefully before operating the unit.</li> <li>This appliance is filled with R32.</li> <li>The contents of this section are vital to ensure safety. Please pay special attention to the following sign.</li> <li>WARNING Incorrect methods of installation may cause death or serious injury.</li> <li>CAUTION Improper installation may result in serious consequence.</li> <li>Make sure to connect earth line.</li> <li>This sign in the figures indicates prohibition.</li> <li>Be sure that the unit operates in proper condition after installation. Explain to customer the proper operation and maintenance of the variable determediate the unit operates in proper condition after installation.</li> </ul>	<ul> <li>Selecting the installation location: Suitable location that will reduce the impact from rain and direct sun that may affect the unit performance. Besides, ventilation must be good and clear of obstruction.</li> <li>The air blown out of the unit should not point directly to animals or plants.</li> <li>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 air.</li> <li>Be sure that the hot air blown out of the unit and noise do not disturb the neighbourhood.</li> <li>Do not install at a location where there is flammable gas, steam, oil and smoke.</li> </ul>
the unit as described in the user's guide. Ask a customer to keep this installation manual together with the instruction manual.	<ul> <li>The location must be convenient for water drainage.</li> <li>Place the Outdoor unit and its connecting cord at least 1m away from the antenna</li> </ul>
<ul> <li>Please request your sales agent or qualified technician to install your unit. Water leakage, short circuit or fire may occur if you do th installation work yourself.</li> <li>Please observe the installation stated in the installation manual during the process of installation. Improper installation may caus water leakage, electric shock and fire.</li> <li>Make sure that the units are mounted at locations which are able to provide full support to the weight of the units. If not, the units ma collapse and impose danger.</li> <li>Observe the rules and regulations of the electrical installation and the methods described in the installation manual when dealin</li> </ul>	Figure showing the Installation of Outdoor Unit.
<ul> <li>with the electrical work. Use cables which are approved official in your country. Be sure to use the specified circuit. A short circuit an fire may occur due to the use of low quality wire or improper work.</li> <li>Be sure to use the specified cables for connecting the indoor and outdoor units. Please ensure that the connections are tight after th conductors of the wire are inserted into the terminals to prevent the external force is being applied to the connection section of th terminal base. Improper insertion and loose contact may cause over-heating and fire.</li> <li>Please use the specified components for installation work. Otherwise, the unit may collapse or water leakage, electric shock, fire or stronger vibration may occur.</li> <li>Be sure to use the specified piping set for R410A,R32. Otherwise, this may result in broken copper pipes or faults.</li> <li>When installing or transferring an air conditioner to another location, make sure that air other than the specified refrigerant (R32) does not enter the refrigeration cycle. If other air should enter, the pressure level of the refrigeration cycle may increase abnormall which could result in a rupture and injury.</li> </ul>	Bush     Bush
<ul> <li>Never install a drier to this R32 unit in order to guarantee its lifetime.</li> <li>Be sure to ventilate fully if a refrigerant gas leak while at work. If the refrigerant gas comes into contact with fire, a poisonous gas may occo.</li> <li>After completion of installation work, check to make sure that there is no refrigeration gas leakage. If the refrigerant gas leaks into the room, coming into contact with fire in the fan-driven heater, space heater, etc., a poisonous gas may occur.</li> <li>Unauthorized modifications to the air conditioner may be dangerous. If a breakdown occurs please call a qualified air conditioner technician or electrician. Improper repairs may result in water leakage, electric shock and fire, etc.</li> <li>Be sure to connect the earth line from the power supply wire to the outdoor unit and between the outdoor and indoor unit. Do not connect the earth line to the gas tube, water pipe, lighting rod or the earth line of the telephone unit. Improper earthing may cause electric shocks.</li> <li>When finishing the refrigerant collection (pumping down), stop the compressor and then remove the coolant pipe. If you remove the refrigerant pipe while the compressor is operating and the service valve is released, air is sucked and a pressure in the freezing cycle system will build up steeply, causing an explosion or injury.</li> </ul>	Pur. Bur.
<ul> <li>When installing the unit, be sure to install the refrigerant pipe before starting the compressor. If the refrigerant pipe is not installed and the compressor is operated with the service valve released, air is sucked and the pressure level of the refrigeration cycle may increase abnormally which could result in a rupture and injury.</li> <li>The electric cables should neither be reworked nor added. Make sure to use an exclusive circuit breaker. Otherwise fire or electric shock might occur by connection failure, isolation failure or over current.</li> <li>Make sure to connect cables to terminal properly and terminal cover should close firmly. Otherwise, over heating at terminal contact, fire or electric shock might occur.</li> <li>Make sure that there is no dust on any connected points of electric cables and fix firmly. Otherwise, fire or electric shock might occur.</li> </ul>	A above rooming above sooning B above 300mm above 700mm C above 50mm above 150mm * give clearance as wide as possible 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 air. * C * give clearance as wide
<ul> <li>Please mount the Outdoor unit of stable ground to prevent vibration and increase of noise level.</li> <li>Decide the location for piping after sorting out the different types of pipe available.</li> <li>When removing side cover, please pull the handle after undoing the hook by pulling it downward. Reinstall the side cover in the reverse order of the removal.</li> </ul>	* A as possible
CAUTION     Do not touch the suction port, bottom surface, or aluminum fin of the outdoor unit. Failure to do so may cause an injury.      CONDENSED WATER DISPOSAL OF OUTDOOR UNIT     There is holes on the base of Outdoor unit for condensed water to exhaust.     In order to flow condensed water to the drain, the unit is installed on a stand or a block so that the unit is 100mm above the ground as shown figure. Join the drain pipe to one hole.     After installation, check whether the drain pipe clings to the base firmly.     RAC-25/35WXE     BASE	



## **Operation test**

- Please ensure that the air conditioner is in normal operating
- condition during the operation test. • 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.
- ERANT FRIGI

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