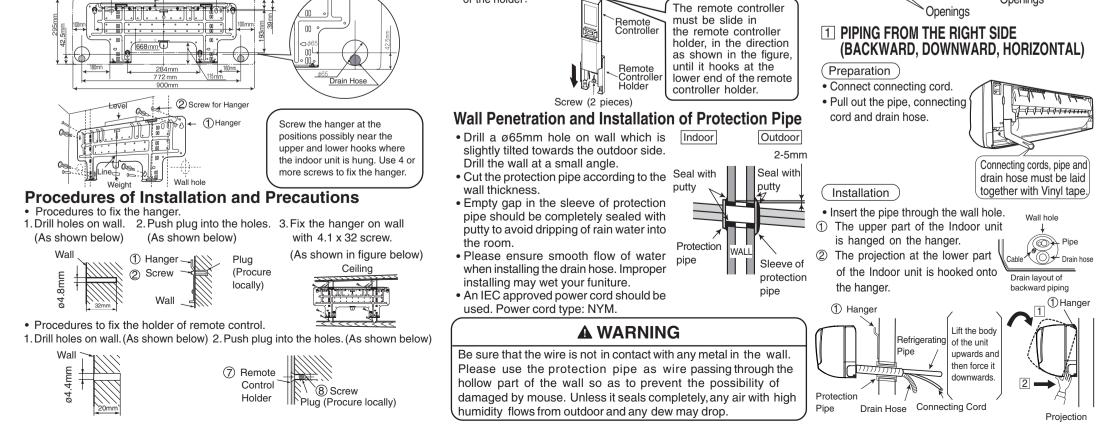
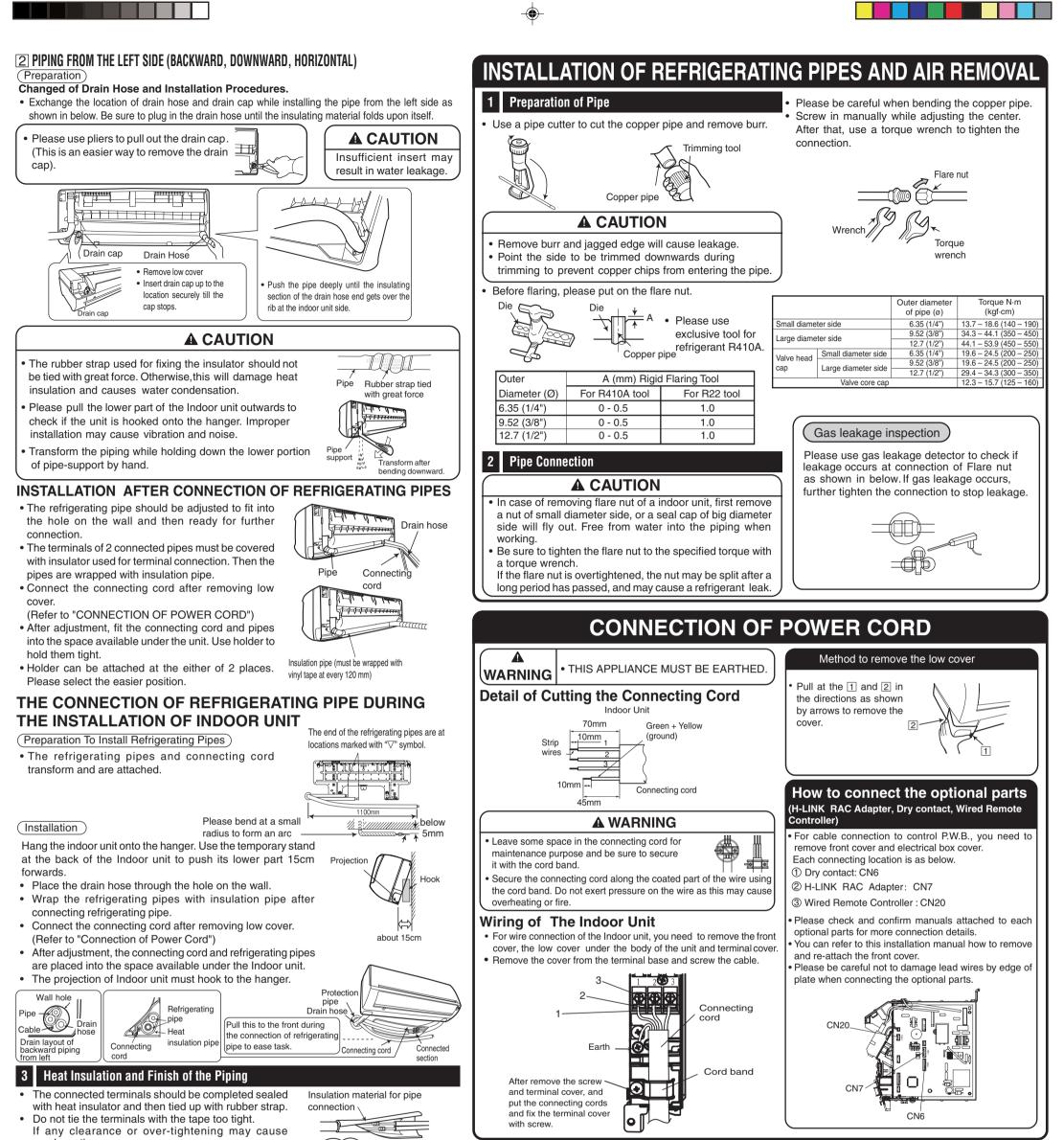
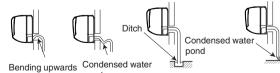
	-		
JEN FOR SERVICE PERSONNEL ONLY			
 HITACHI Inspire the Next INDOOR UNIT INSTALLATION MANUAL Carefully installation The sales the correct Model Model Mark@is Screwdriv Mark@is Screwdriv	read through the procedures of proper n before starting installation work. agent should inform customers regarding ot operation of installation. S Needed For Installation Work s exclusive use tool for R410A) ⊕ ⊖ ver • Measuring Tape • Knife • Saw PowerDrill • Hexagonal Wrench Key • Wrench(14,17,19,22mm) • Gas leakage PipeCutter • Putty • Vinyl Tape • Pliers • • Vacuum Pump Adapter • Manifold Valve Hose • Vacuum Pump	 A circuit breaker must be installed in the hor connected power supply cables to the outdoor a main switch with a contact gap or more that Without a circuit breaker, the danger of elected. Do not install the unit near a location where The outdoor unit may catch fire if flammable. Please ensure smooth flow of water when in installing may wet your funiture. An IEC approved power cord should be use CHECHOICE OF MOUNTING Structure following matters and obtain permiss. WARNIN The unit should be mounted at stable, non-vibration. 	use distribution box for the direct r unit. In case of other installations in 3mm has to be installed. ectric shock exists. e there is flammable gas. e gas leaks around it. Installing the drain hose. Improper ed. Power cord type: NYM. SITE sion from customer before installation.)
SAFETY PRECAUTION Aread the safety precautions carefully before operating the unit.		full support to the unit.	
 The contents of this section are vital to ensure safety. Please pay special attention to the following sign. WARNING Incorrect methods of installation may cause death or serious injury. CAUTION Improper installation may result in serious consequence. Make sure to connect earth line. This sign in the figures indicates prohibition. Be sure that the unit operates in proper condition after installation. Explain to customer the proper operation and maintenance of the unit as described in the user's guide. Ask a customer to keep this installation manual together with the instruction manual. 		 A CAUTION No nearby heat source and no obstruction near the air outlet is allowed. The clearance distances from top, right and left are specified in figure below. The location must be convenient for water drainage and pipe connection with the Outdoor unit. To avoid interference from noise, please place the unit and its remote controller at least 1m from the radio and television. To avoid any error in signal transmission from the remote controller, please put the controller far away from high-frequency machines and high-power 	
		 wireless systems. The installation height should be at least 2300 	
 Please request your sales agent or qualified technician to install your unit. Water leinstallation work yourself. Please observe the installation stated in the installation manual during the proces water leakage, electric shock and fire. Make sure that the units are mounted at locations which are able to provide full sup collapse and impose danger. Observe the rules and regulations of the electrical installation and the methods of with the electrical work. Use cables which are approved official in your country. Bestire may occur due to the use of low quality wire or improper work. Be sure to use the specified cables for connecting the indoor and outdoor units. Pleconductors of the wire are inserted into the terminals to prevent the external force terminal base. Improper insertion and loose contact may cause over-heating and Please use the specified components for installation work. Otherwise, the unit may stronger vibration may occur. Be sure to use the specified piping set for R410A. Otherwise, this may result in br When installing or transferring an air conditioner to another location, make sure th does not enter the refrigeration cycle. If other air should enter, the pressure level or which could result in a rupture and injury. Be sure to ventilate fully if a refrigerant gas leak while at work. If the refrigerant gas occur. After completion of installation work, check to make sure that there is no refrigeratio room, coming into contact with fire in the fan-driven heater, space heater, etc., a poi telephone unit. Improper repairs may result in water leakage, electric shocks. When finishing the refrigerant collection (pumping down), stop the compressor and fyou remove the refrigerant collection (pumping down), stop the compressor and fyou remove the refrigerant pipe while the compressor is operating and the servic pressure level of the refrigerant pipe while the compressor is operated with the servic pressure lev	ass of installation. Improper installation may cause opport to the weight of the units. If not, the units may described in the installation manual when dealing sure to use the specified circuit. A short circuit and ease ensure that the connections are tight after the e is being applied to the connection section of the fire. y collapse or water leakage, electric shock, fire or roken copper pipes or faults. tat air other than the specified refrigerant(R410A) of the refrigeration cycle may increase abnormally comes into contact with fire, a poisonous gas may on gas leakage. If the refrigerant gas leaks into the isonous gas may occur. own occurs please call a qualified air conditioner tock and fire, etc. and between oipe, lighting rod or the earth line of the isor valve is released, air is sucked and a or injury. compressor.	Figure showing the Installa Be sure to completely seal any gap with putty.	ation of Indoor Unit.
 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. 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. 		There are 6 directions allowed,namely,backward piping, backward piping from left,horizontally piping from right,horizontally piping	8 Screw for Remote Controller Holder 2 Insulation sheet 1
Make sure that there is no dust on any connected points of electric cables and fix firmly. Otherwise, fire or electric shock might occur.		from left,vertically down from right,vertically down from right,vertically down from left.	(9) 1
1 Installation of Hanger , Wall Penetration and Installation of Protection Pip	ne		f The Indoor Unit
 CAUTION The draining of the water container inside the Indoor unit can be done from the left. Therefore the hanger must be fixed horizontally or slightly tilted towards the side of drain hose. Otherwise, condensed water may overflow the water container. Direct Mounting On The Wall Please use hidden beams in the wall to hold the hanger. 	• The remote controller can be placed in its how wall or beam.	Iler older which is fixed on please ensure that the roller at the place where n signal is received from yeaken by the fluorescent ote control holder, please	





- condensation.
- Please tie the pipe and power line together with vinyl tape as shown in the figure showing the installation of Indoor and Outdoor units.
- To enhance 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.

Installation of Drain Hose 4



Bending upwards Condensed water pond

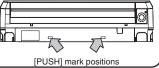
A CAUTION You are free to choose the side (left or right) for the installation of drain hose. Please ensure the smooth flow of condensed water of the Indoor unit during installation. (Careless may result in water leakage.)

Sleeve of

protection pipe

HOW TO REMOVE INDOOR UNIT

· Push up the [PUSH] sections at the bottom of the indoor unit and pull the bottom plate towards you. Then the claws are released from the stationary plate.



A CAUTION Be sure that the drain hose is

not loosely connected bend or

proper condition like left figure.

(The [PUSH] sections are indicated by 2 arrows in the right figure)

Puttv



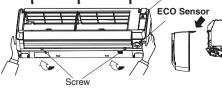
- After opening the front panel by both hands.
- ① Undo the right arm while pushing it inside.

② Slide the front panel to right as shown in figure. Then remove while pulling it to front.

2 Remove the filters.

3 After removing three screws, pull the center of the front cover and release the claws

4 Pull the side faces (lower sections) of the front cover towards you as shown in the figure and remove the cover. Screw

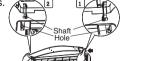


FINAL STAGE OF INSTALLATION

How to remove the front cover

1 Remove the front panel

 Please remove and attach the front panel by both hands.



1 Check that the drain pan is securely attached.

How to Attach the Front Cover

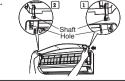
2 After installing the front cover onto the unit, hook three claws at upper side of the cover securely. Then, push the center of the front cover to lock the claws.

3 Tighten three screws



4 Install the filter.

5 Slide the shafts of the right and left arms on the front panel along the steps to insert the shafts into the holes till they stop. After checking that the shafts are securely inserted, close the panel



A CAUTION

 Remove and attach the front cover to the direction as shown in the figure to ensure no damage occurs to the ECO sensor