SAFETY PRECAUTIONS

- Do not touch the heat exchanger fins.
- Electrical work should be carried out in accordance with the installation manual and the national, state and local electrical wiring codes.
- Install the air conditioner on a solid base that is level and can support the unit’s weight.
- Installation should be left to the authorized dealer or another trained professional. Improper installation may cause water leakage, electrical shock, fire, or equipment damage.

MAKING THE MOUNTING PLATE

1. Mounting plate (E)
   - Mounting plate is supplied with installation manual.
   - Fixing screws for remote (Bolt size: M3/8)

CAUTIONS

- Do not hit or violently push the Intelligent-eye sensor. This can lead to damage and malfunction.
- Firmly clamp the interconnecting wires so their terminals receive no external stresses. Incomplete connections or clamping may cause terminal overheating, fire, or equipment damage.

WARNING

- Do not remove the metal plate from the rotating shaft. Then pull the front panel into the controller holder M1/8" × 13/16”L

ACCESSORIES

- Filter-mesh plate
- Remote control
- Installation manual
- Installation plate
- X 0.551-0.630 in

PACKING CARTON (TCH-2)

- Indoor Unit Installation Drawings

1. Indoor Unit Installation
   - The mounting plate should be installed on a wall which can support the weight of the indoor unit.
   - Mounting plate is to be installed in the wall so that the panel is completely flat and mark the boring points on the wall.
   - Be sure the mounting plate is to the wall with screws.

Wiring

- Be sure to connect the earth wires to the corresponding terminals.

Refrigerant piping work

1. Flaring the Pipe End
   - Use a conventional suitable tool for the flare mouth on the pipe end.
   - Make sure the flare mouth is flaw-free.
   - The flare mouth must be smooth and free of burrs.

2. Refrigerant Piping
   - Shape the pipes so that the service lid fits securely, then close service lid.
   - Secure the mounting plate to the wall with screws.
   - Do not remove drain plug.
   - Use special refrigeration machine oil for piping.

Indoor Unit Installation

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   - Secure the mounting plate to the wall with screws.
   - Do not remove drain plug.
   - Use special refrigeration machine oil for piping.

3. Test Items
   - Power
   - Earth leakage breaker
   - Programmable temperature
   - Indoor unit properly receives remote control
   - Indoor unit properly receives remote control
   - Conventional flare tool
   - Refrigeration machine oil
   - Aconex® style:
   - Aconex® style:
   - Aconex® style:

4. Refrigerant Piping
   - Shape the pipes so that the service lid fits securely, then close service lid.
   - Secure the mounting plate to the wall with screws.
   - Do not remove drain plug.
   - Use special refrigeration machine oil for piping.

5. Trial Operation and Testing
   - 1. Measure the supply voltage and make sure that it falls in the specified range.
   - 2. Trial operation should be started in indoor cooling or heating mode.
   - 3. Pre-operating the unit disables normal operation for 3 minutes after it is turned on.
   - 4. Does not interrupt the operation in accordance with the Operation Manual to ensure that all functions and parts are working properly.

6. Refrigerant Piping
   - Shape the pipes so that the service lid fits securely, then close service lid.
   - Secure the mounting plate to the wall with screws.
   - Do not remove drain plug.
   - Use special refrigeration machine oil for piping.

7. Trial Operation from Remote Controller
   - 1. Push UN/DOR button to turn on the system.
   - 2. Push UN/DOR button to turn on the system.
   - 3. Push UN/DOR button to turn on the system.

8. Test Items
   - Indoor and outdoor units are installed properly
   - Refrigerant gas leaks:
   - Refrigerant gas leaks:
   - Refrigerant gas leaks:
   - Refrigerant gas leaks:

9. Refrigerant gas and heat exchanger
   - Heat exchanger fins are properly
   - Heat exchanger fins are properly
   - Heat exchanger fins are properly
   - Heat exchanger fins are properly

10. Refrigerant piping
    - Refrigerant piping
    - Refrigerant piping
    - Refrigerant piping
    - Refrigerant piping

11. Refrigerant piping
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12. Refrigerant piping
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    - Refrigerant piping
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13. Refrigerant piping
    - Refrigerant piping
    - Refrigerant piping
    - Refrigerant piping
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