

# METHOD STATEMENT

## FOR INSTALLATION OF



## PACKAGE AIR CONDITION UNIT



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## Method Statement for Installation of Package Air Condition Unit

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### 1. Objective:

The purpose of this method statement is to outline the systematic procedure for the installation of a Package Air Condition Unit (ACU) to ensure safety, quality, and compliance with relevant standards.

### 2. Scope:

This method statement covers the installation of Package ACU at [Specify Location] in accordance with the project specifications and manufacturer's guidelines.

### 3. Responsibilities:

Project Manager: Overall responsibility for the installation process.

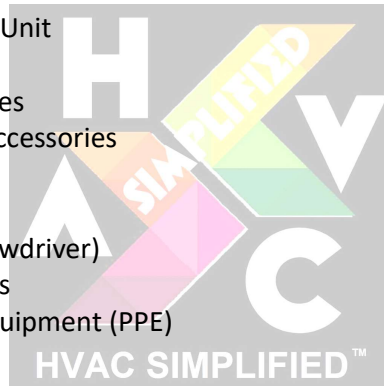
Site Supervisor: On-site activities and ensure adherence to the method statement.

Installation Team: Execute the installation activities as per the outlined procedure.

Quality Control Officer: Conduct inspections at key stages to ensure compliance.

### 4. Materials and Tools:

- Package Air Condition Unit
- Mounting brackets
- Copper refrigerant pipes
- Electrical wiring and accessories
- Insulation material
- Refrigerant
- Power tools (drill, screwdriver)
- Measuring instruments
- Personal Protective Equipment (PPE)



### 5. Installation Procedure:

#### 5.1. Site Preparation:

Ensure the installation area is clear and accessible.

Verify that the structural integrity of the installation surface is suitable to bear the weight of the ACU.

Confirm availability of power supply and grounding points.

#### 5.2. Unit Positioning:

Position the Package ACU as per the manufacturer's specifications.

Ensure proper clearances for air intake and exhaust.

Use mounting brackets to secure the unit in place.

#### 5.3. Refrigerant Piping:

- Install copper refrigerant pipes, following recommended sizing and insulation guidelines.
- Connect the pipes to the designated ports on the ACU, ensuring a secure and leak-free connection.
- Pressure tests the refrigerant lines in accordance with industry standards.

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### 5.4. Electrical Wiring:

- Connect the electrical wiring according to the manufacturer's wiring diagram.
- Ensure compliance with local electrical codes.
- Perform an electrical continuity test.

### 5.5. System Testing:

- Conduct a system test to ensure proper functioning of the ACU.
- Check for any refrigerant leaks, abnormal noises, or vibrations.
- Verify that all electrical components are operating correctly.

### 5.6. Insulation:

- Apply insulation material to refrigerant pipes to prevent condensation.
- Secure insulation with appropriate clamps or adhesive.

## 6. Health and Safety:

- All personnel involved in the installation must wear appropriate PPE.
- Adhere to safe working practices and follow relevant safety regulations.
- Emergency procedures and contact details should be readily available on-site.

## 7. Quality Control:

Regular inspections should be conducted to ensure compliance with the method statement. Any deviations or issues should be documented and addressed promptly.

## 8. Documentation:

Maintain a comprehensive record of the installation process, including test results, inspections, and any modifications made.

## 9. Approval:

This method statement is to be reviewed and approved by the designated authority before commencement of the installation.

## 10. Revision History:

Keep a log of any revisions made to this method statement, including the date, reason, and person responsible for the revision.

This method statement is intended to serve as a guideline for the safe and efficient installation of Package Air Condition Units. All personnel involved in the installation process must familiarize themselves with and strictly adhere to the outlined procedures.