

1. THE FOLLOWING SHOULD ALWAYS BE OBSERVED FOR SAFETY

- Please provide an exclusive circuit for the air conditioner and do not connect other electrical appliances to it.
- Please report to your supply authority or obtain their consent before connecting this equipment to the power supply system.
- Be sure to read **THE FOLLOWING SHOULD ALWAYS BE OBSERVED FOR SAFETY** before installing the air conditioner.
- Be sure to observe the cautions specified here as they include important items related to safety.
- The indications and meanings are as follows.

CAUTION

Could lead to death, serious injury, etc.

WARNING

Could lead to serious injury in particular environments when operated incorrectly.

CAUTION

After reading this manual, be sure to keep it together with the OPERATING INSTRUCTIONS in a handy place on the customer's site.

WARNING

Do not install the unit by yourself (customer). Incomplete installation could cause injury due to fire, electric shock, the unit falling or leakage of water. Consult the dealer from whom you purchased the unit or special installer.

WARNING

Install the unit securely in a place which can bear the weight of the unit. When installed in an insufficient strong place, the unit could fall causing injury.

WARNING

Use the specified wires to connect the indoor and outdoor units securely and attach the wires firmly to the terminal block connecting sections so the stress of the wires is not applied to the sections.

WARNING

Do not use intermediate connection of the power cord or the extension cord and do not connect many devices to one AC outlet.

WARNING

Check that the refrigerant gas does not leak after installation has completed.

WARNING

Perform the installation securely referring to the installation manual. Incomplete installation could cause a personal injury due to fire, electric shock, the unit falling or leakage of water.

WARNING

Perform electrical work according to the installation manual and be sure to use an exclusive circuit.

WARNING

Attach the electrical cover to the indoor unit and the service panel to the outdoor unit securely.

WARNING

When installing or relocating the unit, make sure that no substance other than the specified refrigerant (R410A) enters the refrigerant circuit.

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3. INSTALLATION DIAGRAM & ACCESSORIES

FLARED CONNECTIONS

- This unit has flared connections on both indoor and outdoor sides.
- Remove the outdoor unit valve cover, then connect the pipe.
- Refrigerant pipes are used to connect the indoor and outdoor units.
- Be careful not to crush or bend the pipe in pipe bending.

Limits

Pipe length	25 m max.
Height difference	10 m max.
No. of bends	10 max.

Refrigerant adjustment

If pipe length exceeds 7 m, additional refrigerant (R410A) charge is required. (The outdoor unit is charged with refrigerant for pipe length up to 7 m.)

Pipe length

Up to 7 m	No additional charge is required.
Exceeding 7 m	Additional charge is required. (Refer to the table below.)

Refrigerant to be added

Refrigerant to be added	20 gm × (refrigerant piping length (m) - 7)
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ACCESSORIES

Check the following parts before installation.

Indoor unit

Installation plate	1
Remotable controller holder	2
Fixing screw for 2.5 × 16 mm (Black)	7
Battery (AAA) for remote controller	2
Wireless remote controller	1
Felt tape (Used for left or left-rear piping)	1

Outdoor unit: MSH type

Drain socket	1
Drain cap ø33	2

PART TO BE PROVIDED AT YOUR SITE

Indoor/outdoor unit connecting wire (2-core 1.0 mm ² -2.0 mm ²)	1
Extension pipe	1
Wall hole sleeve	1
Wall hole cover	1
Pipe fixing band (The quantity depends on the pipe length)	2 to 5
Fixing screw for 2.5 × 20 mm (The quantity depends on the pipe length)	2 to 5
Piping tape	1
Putty	1
Drain hose (or soft PVC, hose, 15 mm inner dia. or hard PVC pipe VP16)	1
Refrigerant oil	1
Power supply cord (See the table in 5 INDOOR/OUTDOOR WIRE CONNECTION AND OUTDOOR POWER SUPPLY CORD CONNECTION for the cord size)	1

Optional extension pipe

Indoor/outdoor unit connecting wire (2-core 1.0 mm ² -2.0 mm ²)	1
Extension pipe	1
Wall hole sleeve	1
Wall hole cover	1
Pipe fixing band (The quantity depends on the pipe length)	2 to 5
Fixing screw for 2.5 × 20 mm (The quantity depends on the pipe length)	2 to 5
Piping tape	1
Putty	1
Drain hose (or soft PVC, hose, 15 mm inner dia. or hard PVC pipe VP16)	1
Refrigerant oil	1
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