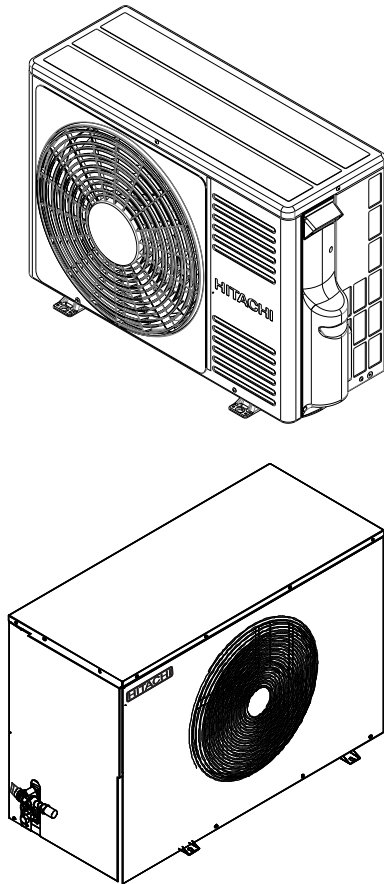


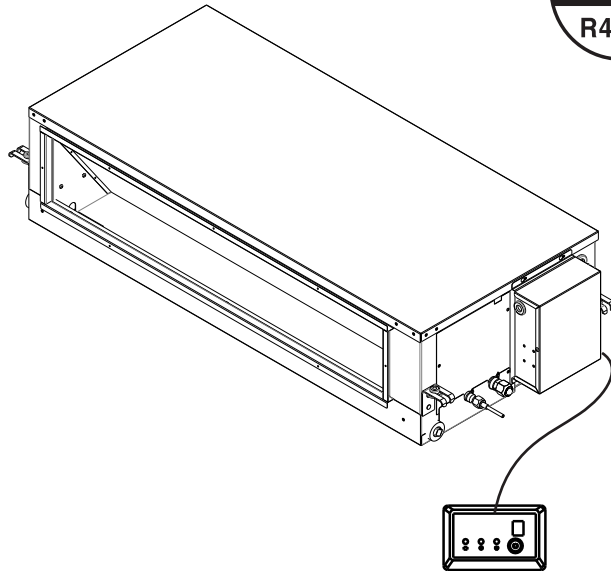
INSTRUCTION MANUAL

CONCEALED SPLIT-SYSTEM AIR CONDITIONER

Outdoor Unit



Indoor Unit



Your unit may not be exactly same as depicted herein

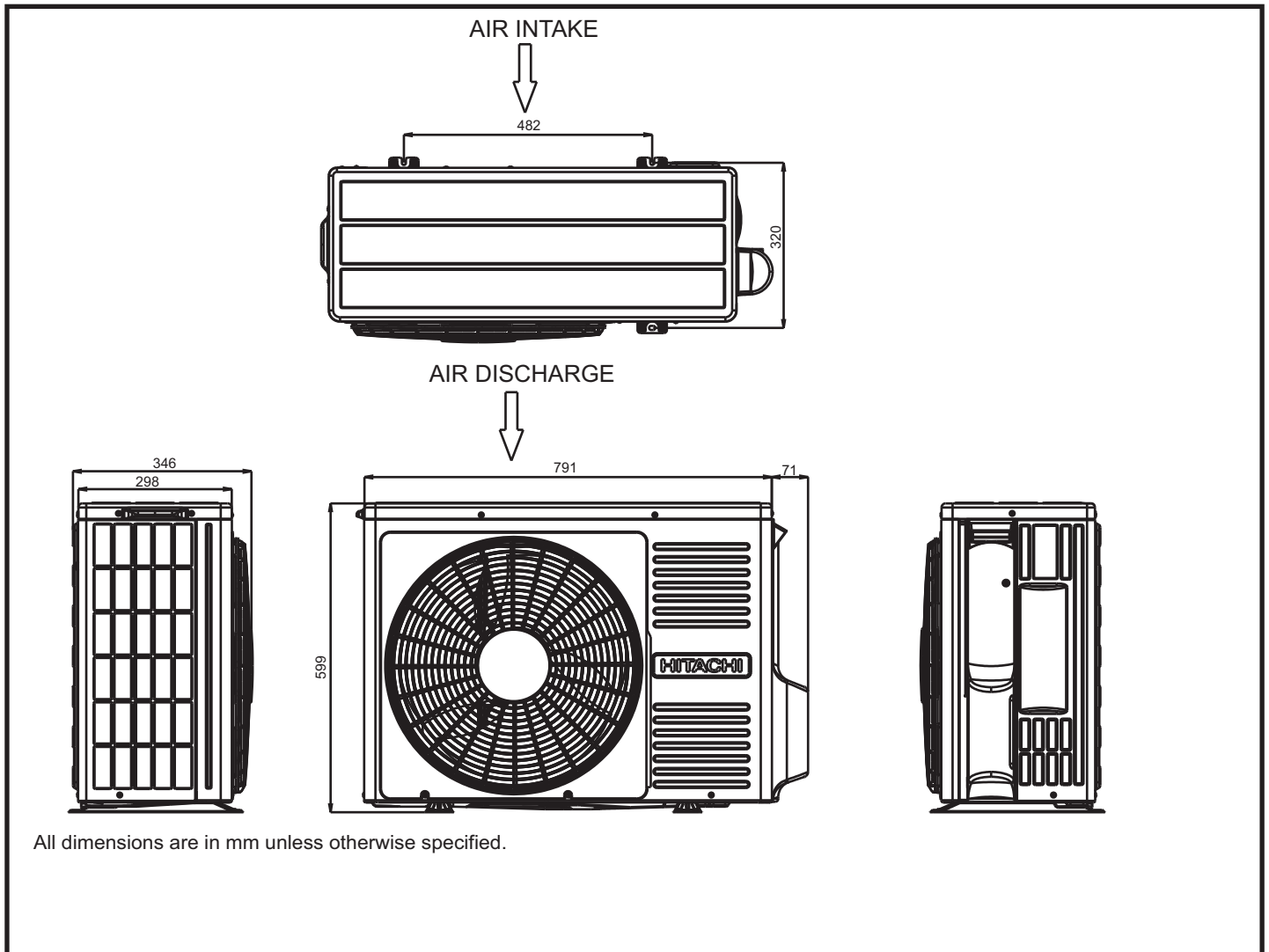
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NOTE : READ AND UNDERSTAND THIS INSTRUCTION MANUAL BEFORE USING THIS AIR CONDITIONER
KEEP THIS MANUAL FOR FUTURE REFERENCE

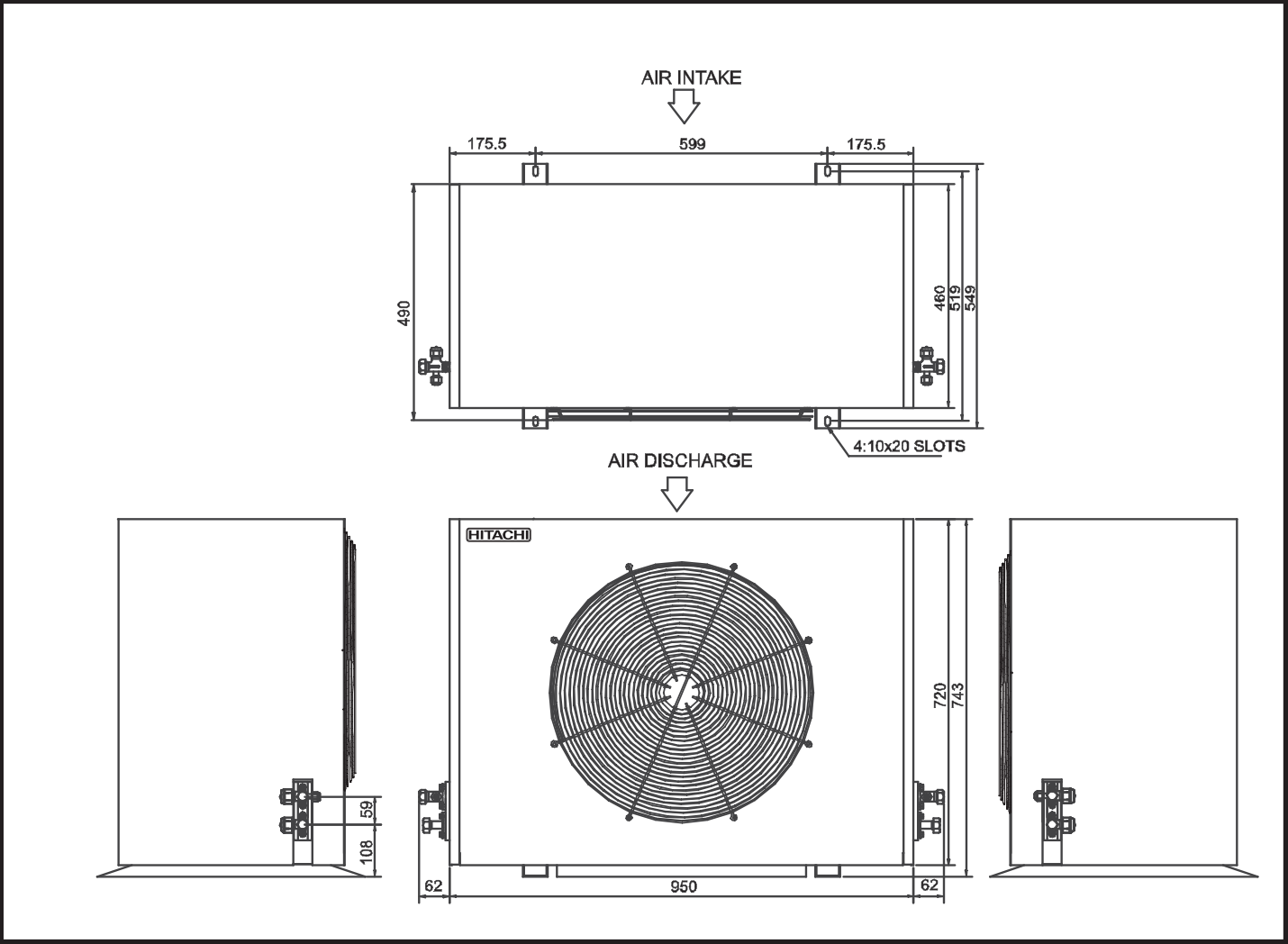
● UNIT DESCRIPTION :-

- Outdoor Unit
1.5 TR, 2.0TR



● UNIT DESCRIPTION :-

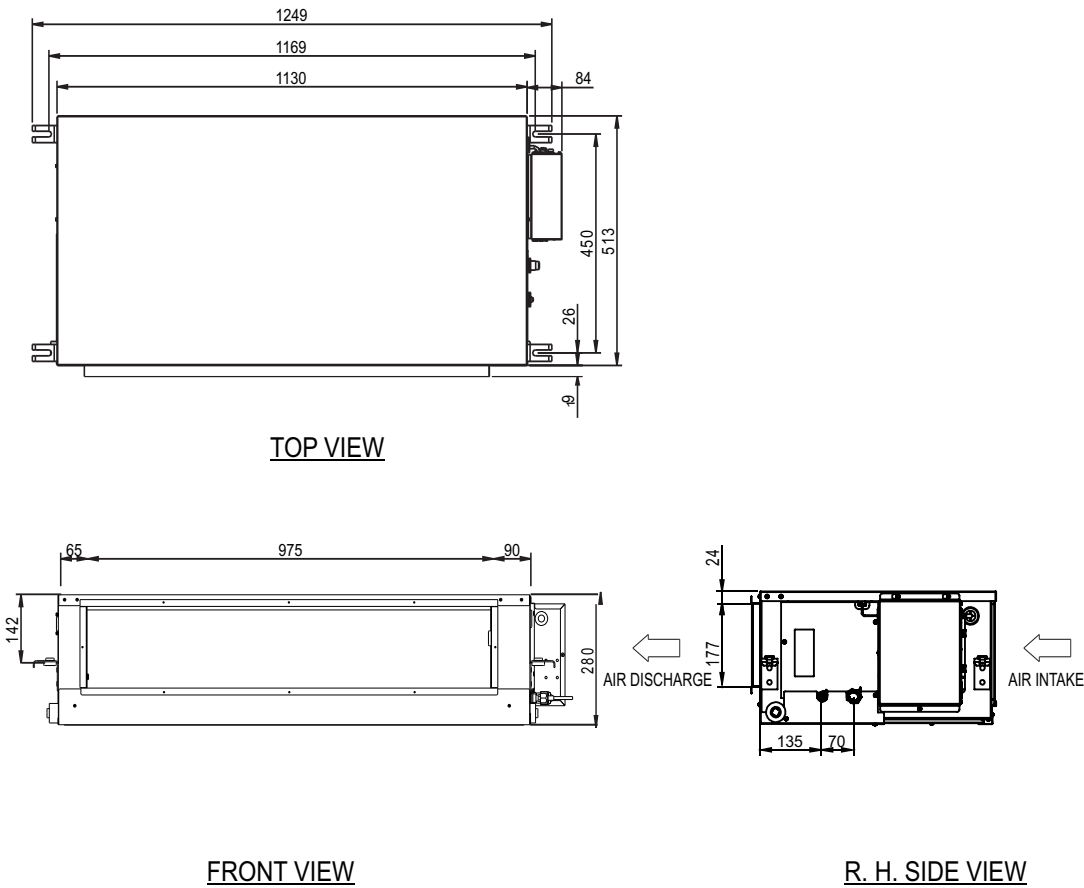
- Outdoor Unit
3.0 TR, 4.0TR



All dimensions are in mm unless otherwise specified.

UNIT DESCRIPTION

Indoor Unit
1.5 TR, 2.0 TR



All dimensions are in mm unless otherwise specified.

IMPORTANT NOTICE AND SAFETY INSTRUCTION

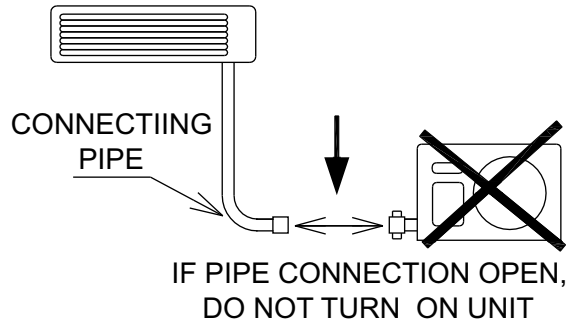
WARNING

- 1) AFTER COMPLETING THE REFRIGERANT COLLECTION (PUMPING DOWN), STOP THE COMPRESSOR AND THEN REMOVE THE CONNECTING PIPE.

If you remove the connecting pipe while the compressor is operating and the service valve is released, air is sucked and a pressure in the refrigeration cycle system will build up steeply, causing an explosion or injury.

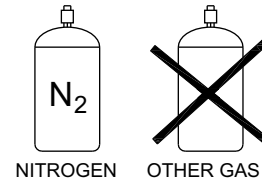
- 2) WHEN INSTALLING THE UNIT, BE SURE TO INSTALL THE REFRIGERANT PIPE BEFORE STARTING THE COMPRESSOR.

If the Connecting 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 & can result in a rupture and injury.



- 3) DO NOT INSTALL THE UNIT AT LOCATION OF FLAMMABLE GAS. Outdoor unit may catch the fire if flammable gas leaks around it.


- 4) USE ONLY NITROGEN GAS FOR PRESSURE LEAK TEST.
If other than nitrogen gas is used, then explosion may occur and may cause injury



IMPORTANT NOTICE AND SAFETY INSTRUCTION

IMPORTANT NOTICE

- Johnson Controls-Hitachi Air Conditioning India Ltd. herein after referred to as JCH-IN pursues a policy of continuing improvement in design and performance of products. The right is therefore reserved to vary specification without notice.
- It is important to note the caution references through out these instructions. These cautions will help you to alert from dangers which may result in personal injury, burns, fire and electrical shock and will also help you to avoid actions which could result in product damage.
- JCH-IN cannot anticipate every possible circumstance that might involve a potential hazard.
- No part of this manual may be reproduced without written permission.

 **WARNING** : This sign warns of death or serious injury

 **CAUTION** : This sign warns of injury or damage to property only.

NOTE : Useful information for the operation and / maintenance.

WARNING

- DO NOT perform installation work and electrical wiring connection by yourself.
- In case that a service work like repair, maintenance, etc. is required, contact JCH-IN authorised service centers / dealers / distributors.
- DO NOT modify the electrical wiring. It may cause serious accident.
- Check the earth wiring is securely connected.
- DO NOT operate switches by wet hand. It may cause an electrical shock.
- DO NOT pour water into the RemoCon™ or Controller box. This product is equipped with electrical parts. If poured, it will cause a serious electrical shock.

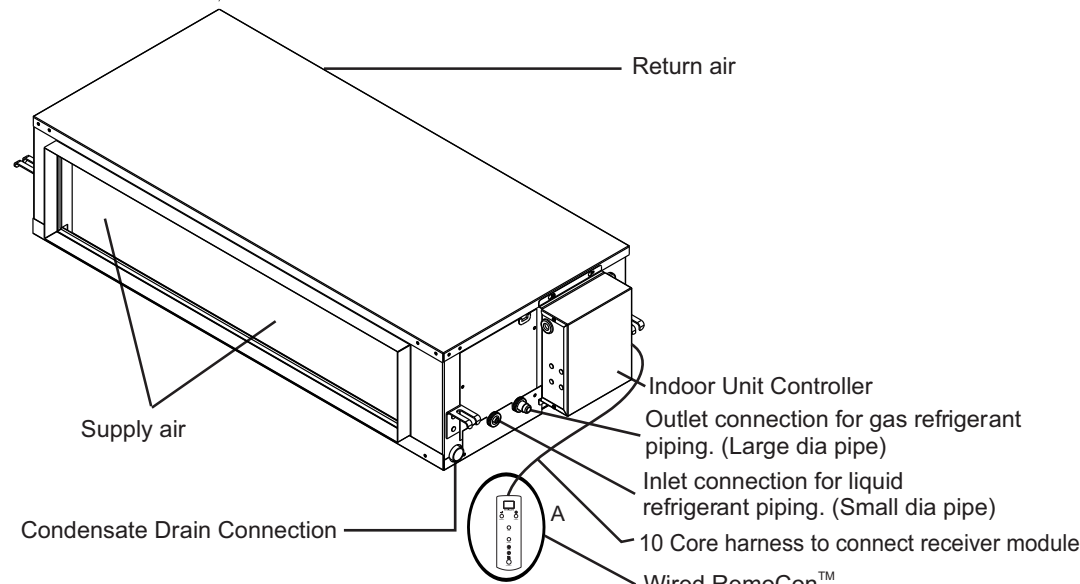
CAUTION

- In case that the protective devices often function or the operation switches do not function well, turn OFF the main power.
- Supply and contact JCH-IN authorised service centers / dealers / distributors.
- In case that other abnormalities are found, stop the system, turn OFF the main power supply and contact JCH-IN authorised service centers / dealers / distributors..
- DO NOT install the indoor unit, outdoor unit, remote controller and cable at places:
 - (1) Where there is oil vapour and the oil is dispersed.
 - (2) Where the hot springs are near in a sulfuric environment.
 - (3) Where heat generation, flowing, staying, leaking of flammable gas or water is detected
 - (4) Where the sea is riser (in the salty environment).
 - (5) Acid or alkaline environment.
- DO NOT install the indoor unit, outdoor unit, remote controller and cable within approximately 3 meters from strong electromagnetic device which have radiation such as medical equipment.
- Do not run any cable for transmission and signal along the power line (220~240V, 380~415V).
- Do not run any cable for transmission and signal along other cable for transmission and signal.
 - If the cable are required to be run along, keep a distance more than 30 cm. between each cables or insert the cables for each transmission system into the metal conduit tube and ground one end of the conduit tube.
 - If the transmission cable are required to run along power cable keep a distance of 30cm.(1Ft) between transmission and power cable.

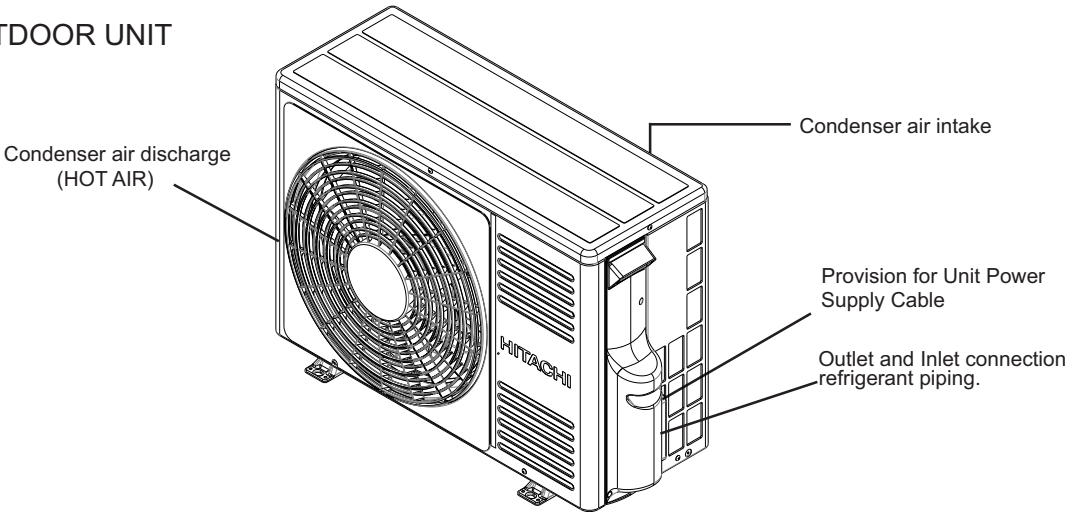
KNOW YOUR AIRCONDITIONER

1.5 TR - 2.0 TR INDOOR UNIT :

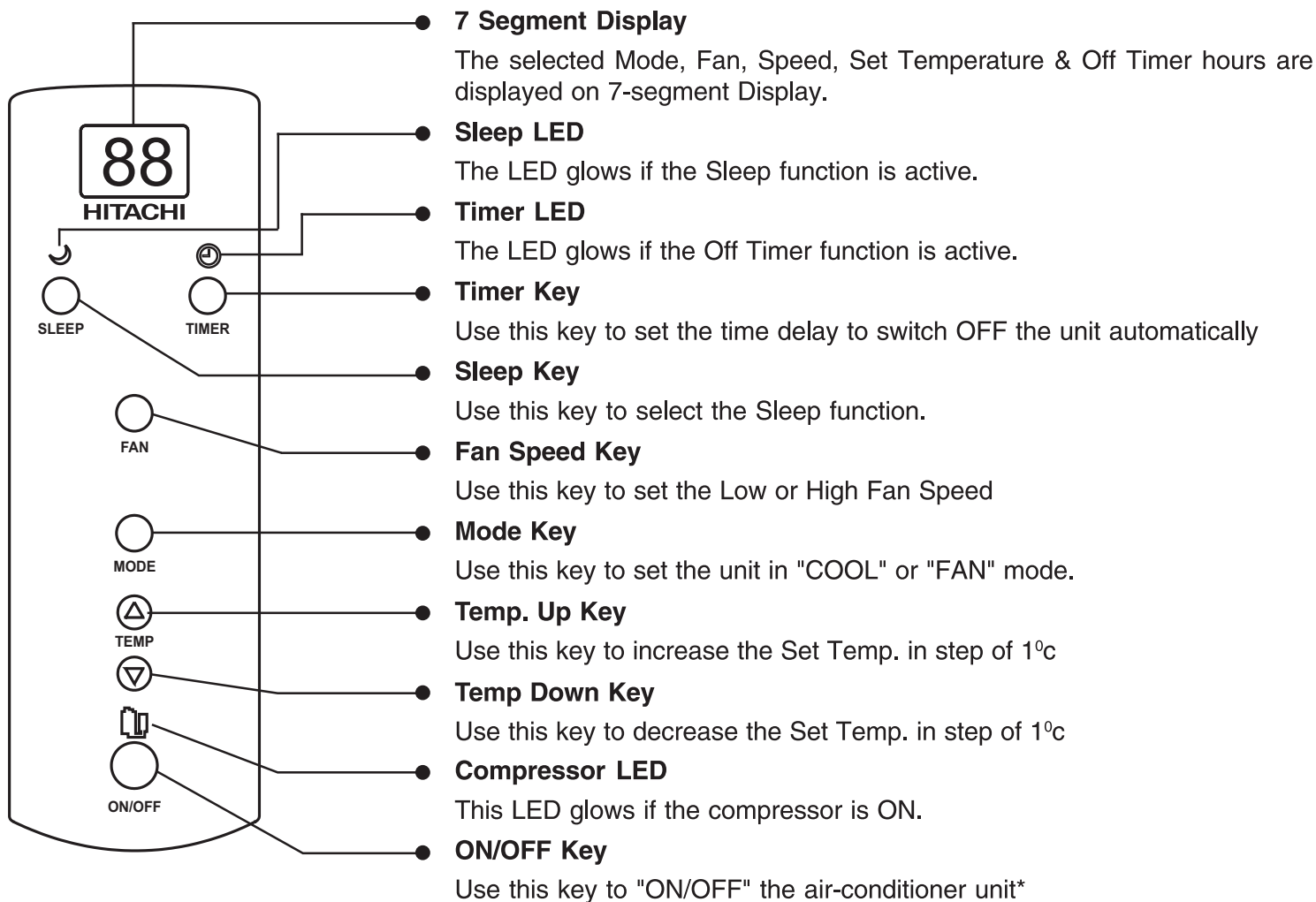
Ceiling suspended indoor unit.



1.5 TR - 4.0 TR OUTDOOR UNIT



● DESCRIPTION OF HANDSET UNIT :-



NOTE : In case of power failure, the unit restarts and resumes in previous set mode, fan speed and set temperature. It also remembers the timer setting.