



## SPLIT TYPE AIR CONDITIONER

- Split type air conditioners are named as such because they split the components of a traditional air conditioning system into two individual units - one indoor and one outdoor.
- The outdoor unit houses the compressor and condenser components, while the indoor unit contains the distribution and filter components.
- These two units are connected by copper tubing that replaces the expensive ductwork in central air systems.
- This copper tubing is flexible, allowing home owners to easily install a split type system without extensive construction.
- These connections also provide the capability of controlling multiple indoor fans with one outdoor unit, similar to a central air system.

### Difference between Inverter & Non-Inverter AC

- An inverter air conditioner can regulate the speed of its compressor motor. In comparison, non-inverter motors only run at full speed or stop.
- The motor runs at full speed, but turns off once room temperature drops to the desired level.

### Advantages of split type air conditioner

- Cost effective
- Quiet
- Flexible and easy to install

### Key advantages of Inverter air conditioner

- Consumes less power in comparison to a traditional AC.
- No voltage fluctuation.
- Keeps constant room temperature
- Effective cooling.
- Suitable for small & large spaces.
- Safe for residential wiring due to lower power consumption.
- Environment-friendly.

