



## **SRI ENTERPRISES**

Ground Floor, LIG-1009, Near Temple Bus Stop,  
III Phase, KPHB Colony, Kukatpally, Hyderabad,  
Telangana - 500072, India.

E-mail: [srienterprises.hvac@gmail.com](mailto:srienterprises.hvac@gmail.com),  
Phone No# 9885992244, 8106131717



# About us

**SRI ENTERPRISES:** Previously known as HVAC System, Founded in the year 2016 by HVAC professionals, for the turnkey air conditioning contracting work, after sales & services for all types of air conditioners. We work with utmost dedication to offer maximum satisfaction to customers by offering unmatched Combinations of Air-conditioners with Energy Efficiency Satisfaction and after sales services at market leading prices.

We are backed by highly qualified process engineers who possess expertise in the field of HVAC and allied products design, supply, erection and installation. The ultimate aim of establishing **SRI ENTERPRISES** was to serve the customers with outstanding air conditioners, complete HVAC services, and after sales services for AC's of all makes and brands.

## Vision , Mission & Values

**Vision:** To evolve a brand with essence and to be the recognized performance leader of the Indian air conditioning industry.

**Mission:** Our goal for Cruise is to be the most respected Indian HVAC company through innovation, lean manufacturing and encouraging the use of efficient air conditioning in an honest, trustworthy, reliable and an environmentally sound manner.

**Values:** Customer care

- Quality workmanship
- Team work
- Flexibility



# Introduction

**Air conditioning :** Air conditioning is the process of altering the properties of air (primarily temperature and humidity) to more kitchen exhaust and Basement Ventilation favorable condition.

The control of these condition may be desirable to maintain the health and comfort of the occupants, or to be meet the requirements of industrial process irrespective of the external climatic condition.

## Our Product

We offer complete air conditioning solution for Commercial, industrial, & residential sites at highly competitive prices with superior quality. Our wide range of air conditioners and allied services are listed as below,

- Chillers Air Conditioning system
- Split Air Conditioning system
- Cassette Air Conditioners
- Ducted Split Air Conditioners
- VRF /VRV Systems
- Packaged Air Conditioners
- Low Side Work (Ducting, Plumbing etc.)
- Cold Rooms
- Clean Rooms
- Basement Ventilation System
- Kitchen Exhaust System
- Fresh and Exhaust Air System



# Chillers Air Conditioning System

Systems that employ water chillers commonly called **chilled water systems**. This system makes use of water as its secondary refrigerant. Chiller is used to remove heat from the water which is then circulated through other components to absorb heat from the space.

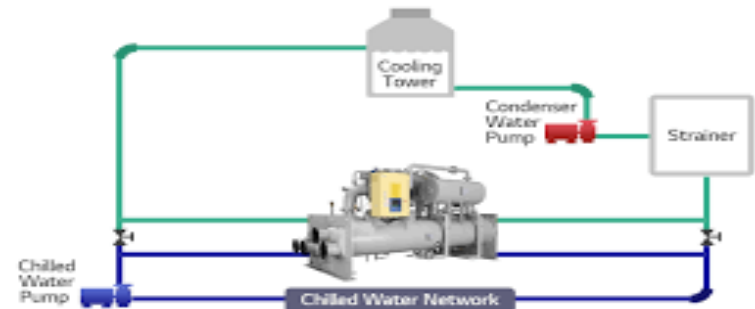
Chilled water air conditioning systems are commonly used in applications that need large cooling such as hypermarket, industrial process ,commercial air conditioning such as offices & factories.



**Air Cooled**



**Water Cooled**

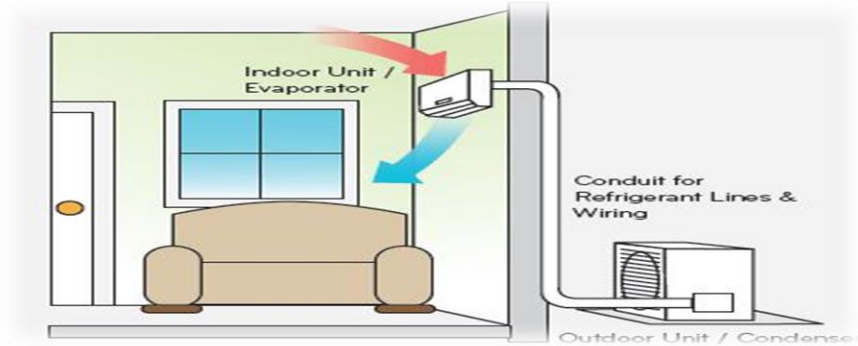


ON AIR | <http://ghvacstorey.com>



# Split Air Conditioning System

**The split air conditioner comprises of two parts:** The outdoor unit & indoor unit. The outdoor unit fitted outside the room, houses components like the compressor, condenser and expansion valve. The indoor unit comprises the evaporator or cooling coil and the cooling fan.



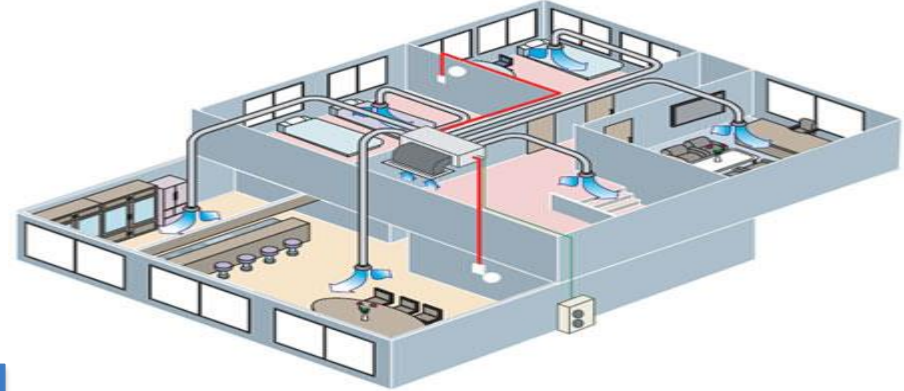
## Cassette Air Conditioners

Cassette units work the same way as wall-hung split system units, with the difference being that cassettes are installed into the ceiling instead of on the wall. The indoor unit itself sits flush to your ceiling and distributes conditioned air through two, three or four sides of the unit. The outdoor unit of a cassette air conditioner is mounted outside, in much the same way as it would be for a conventional wall mounted split system unit.



# Ducted Split Air Conditioners

A **Ducted Air Conditioning System** provides discreet air conditioned comfort throughout your entire home. ... The indoor unit is concealed out of sight, in your ceiling or under the floor, with flexible ducting distributing conditioned air through vents located throughout your home.



## Packaged Air Conditioners

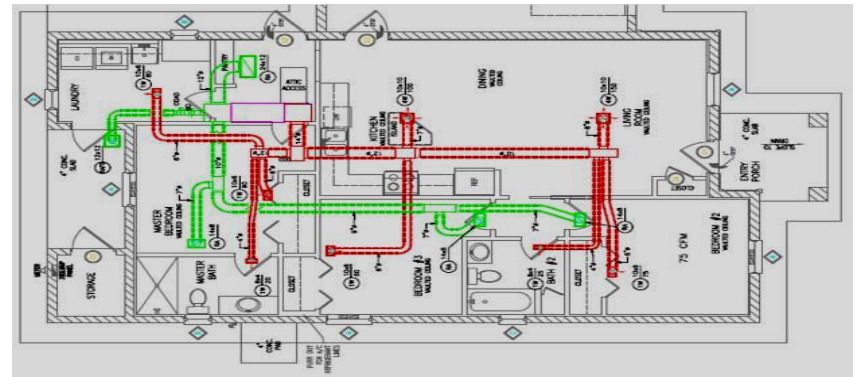
The window and split air conditioners are usually used for the small air conditioning capacities up to 5 tons. The central air conditioning systems are used for where the cooling loads extend beyond 20 tons. The packaged air conditioners are used for the cooling capacities in between these two extremes. The packaged air conditioners are available in the fixed rated capacities of 3, 5, 7, 10 and 15 tons. These units are used commonly in places like restaurants, telephone exchanges, homes, small halls, etc.



# Low side work

- Ducting, Insulation, Acoustic
- Piping, Cladding
- Electrical

**Ducting :** Ducts are used in [heating, ventilation, and air conditioning](#) (HVAC) to deliver and remove air. The needed airflows include, for example, supply air, return air, and exhaust air. Ducts commonly also deliver [ventilation air](#) as part of the supply air. As such, air ducts are one method of ensuring acceptable [indoor air quality](#) as well as thermal comfort. A duct system is also called ductwork. Planning (laying out), sizing, optimizing, detailing, and finding the pressure losses through a duct system is called duct design.



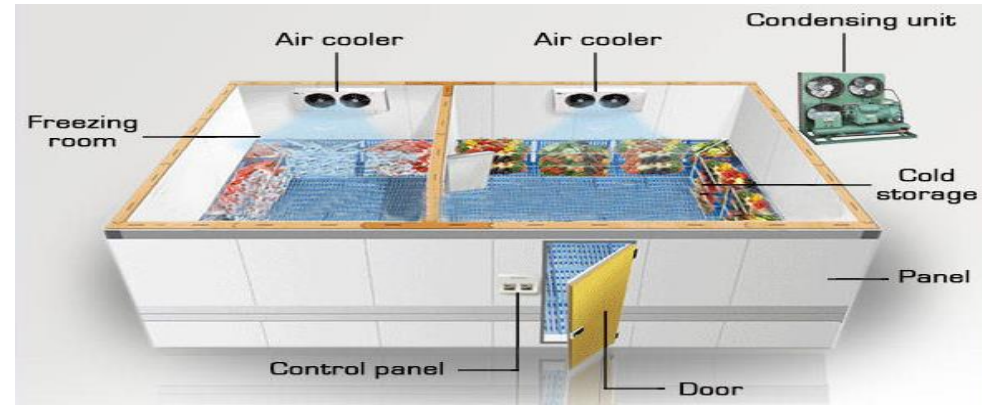
**Pipe:** A strong, light, noncorrosive [pipe](#) made from asbestos fibers and Portland cement and formerly used in construction for water [pipe drainage](#) and air ducts.





# Cold Room

A cold room is a walk-in storage facility. Safe operation of cold rooms in restaurants, hotel, food shops and supermarkets is crucial for preserving the quality of the stored foods. The application of cold rooms are numerous, including packaging of foods and beverages, short and long term food storage as well as freezing. For each application you need a customized solution to meet the exact demands for refrigeration.



# Clean Room

A cold room is a walk-in storage facility. Safe operation of cold rooms in restaurants, hotel, food shops and supermarkets is crucial for preserving the quality of the stored foods. The application of cold rooms are numerous, including packaging of foods and beverages, short and long term food storage as well as freezing. For each application you need a customized solution to meet the exact demands for refrigeration.





# Kitchen Exhaust

**Kitchen ventilation:** Kitchen ventilation is the branch of ventilation specialising in the treatment of air from kitchens. It addresses the problems of grease, smoke and odours not found



## Fresh Air

**Fresh air:** Adding **fresh air** to a heating or cooling system accomplishes two primary indoor air quality goals: It pressurizes a building, and increases indoor air quality by diluting polluted or stale indoor air. ... The air mixes with the return air, and then is dispersed evenly throughout the building through the supply duct system.

