

## Cooling Systems

We had greatfully increasing the strength to contribute over the upcoming models in the competition over fifteen years of experience and still making in a great deal and continue with it respects.

## Humidification Plant



With our state-of-the-art technology, Target equipment manufacture a wide range of Humidification Plant. Our range of Humidification Plants caters to the needs of **textile industries** and helps to manufacture yarns of various garments. We offer these plants in customized specifications as per the demands of our valued clients.

Our humidification of indoor air for thermal comfort. In a broader sense, the term can refer to any form of cooling and heating, ventilation, or disinfection that modifies the condition of air. An air conditioner (often referred to as AC or air con.) is an appliance system, or machine designed to stabilise the air temperature and humidity within an area to use for cooling as well as heating depending on the air properties at a given time, typically using a refrigeration cycle but sometimes using evaporation,

### Features

Longer functional life,

Easy to install,

Application specific design,

Precision functionality

### Applications

Spinning mills, Chemical and biological laboratories, Textile factories,

Mines, Textile factories, Movie theatre, Textile industries,

Textile industries, Data centers, Industrial environments,

Plants and farm growing areas.

## Radiators



Target equipment's Radiators are actually heat exchangers that are utilized to transfer thermal energy from a medium to the other for heating and cooling purposes. Most of the radiators are designed to function in buildings, electronics and automobiles. It is a heat source to the environment, though it may be to heat the surrounding or cool the coolant or fluid that is given to it, as in engine cooling.

Target equipment's wide variety and range of radiators, constructed from **copper** are manufactured with the latest in technology and technical data. A radiator makes use of hot water that circulates via metal pipes to heat air. As it passes through the pipe, the pipe itself gets heated and this heat is transmitted to the air, thus the room becomes warm. The hot water flows back to a boiler, in which it is heated & then circulated back.

### **Radiator Function in Engine Cooling**

A liquid coolant is passed via the engine block, where it gets heated, and then is passed via the radiator where the heat is lost to the atmosphere. Though the coolant is usually water based, it can also be oil. The coolant air can be pumped or fanned through the radiator.

The hot water that is pumped inside the radiators from the main heating boiler passes through the copper pipes, heats the outer surface and ultimately warms the room. A screw valve located at the bottom of each radiator helps in temperature control.

These radiators are of two kinds namely **single pipe & double pipe**. The radiators of single pipe operate with steam whereas the radiators of double pipe operate with hot water or steam. The double pipe kind is the vintage radiator type that has the highest demand.

Liquid filled that makes use of an electric element in order to warm a fluid like oil that is held inside metal tubing, and which circulates through convection.

### **Advantages of Copper Radiator**

Easy cleaning inner parts of radiator

Low weight

Ductility of copper pipes enables easy, quick, and energetically modest assembly

Thank to copper excellent conductivity

Required low content of water

Fits to humid environment as well

## Water Treatment Chemical



We are engaged in offering a wide range of Water Treatment Chemicals formulated using quality ingredients. The Water Treatment Plant, the ground water is softened using lime, filtered, fluoridated, and disinfected using chlorine. The Water Treatment Plant, the groundwater is softened using lime, filtered, fluoridated, and disinfected using chlorine extensively used to purify and treated water and making it suitable for industrial, domestic and household purposes. Our range of chemicals is developed to improve various problems associated with water treatment such as scale, corrosion, bio-fouling and suspended solids.

### **Application**

Agriculture

Airport

Cell tower

Health care facilities

Hotels and motels

Industrial security

Oil and gas exploration

Radio and television station

Sea port security

Schools and colleges & universities

Water & waste water plant

Bio-chemistry lab

Research centre