

CLOUD TECH

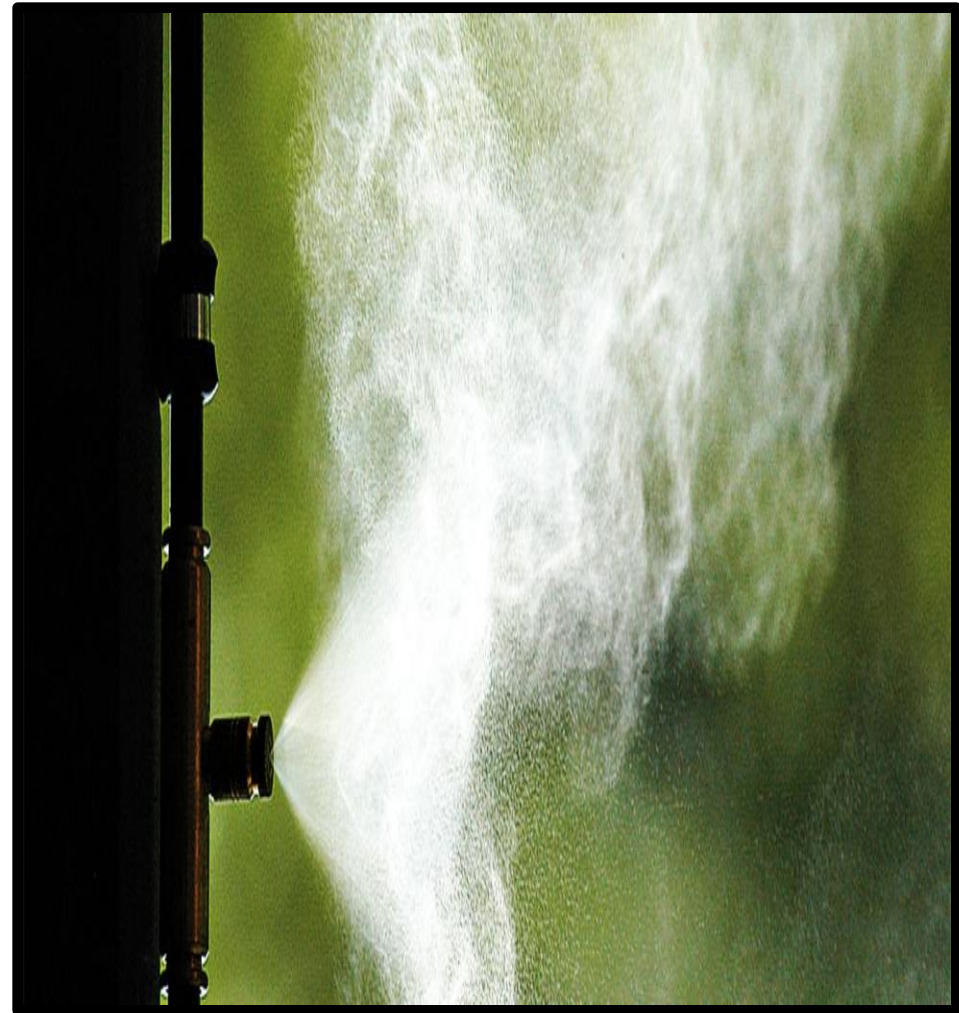
End to end Customize solution company

CLOUD TECH: OVERVIEW

- Cloud Tech founded in 2005, is a comprehensive environmental management company in India for delivering high quality environment and refreshing solutions. We offer advanced solutions based on latest technologies for diverse requirements of residential, commercial, industrial premises.

- **Range of services:**

- Evaporative cooling
- Fogging systems
- Dust suppression system
- Odour Control System
- Humidification systems
- Mosquitoes and Pests Control systems among others



CLOUD TECH: OVERVIEW

Over the last many years, research and development has kept Cloud Tech environment solutions as a front runner in every industry that requires cooling, humidifying, dust suppression, odor control etc. Cloud Tech Systems (Mechanical Environmental Controls) designs and manufactures environmental control systems that cool, humidify, reduce dust and odours. The systems can also be used to reduce the risk of explosions and fire. Cloud Tech trademarked products are used worldwide in many industries and applications, including dust suppression in sawmills, humidification, cooling for outdoor patios, poultry farms, zoos, theme parks and special effects. Cloud Tech currently has different systems operating in almost every part on India.



CLOUD TECH: EXPERTISE & TEAM

Since, the requirements of every sector are different, we have the facility to custom make these systems and implement the specifications as provided by the customer.

Our experienced technical staff will gladly guide you through the process of design, purchase and installation of a system for your particular application, be it commercial, industrial or residential.

We are well-equipped with a capacious factory unit, which comprises of all the requisite resources for productive manufacturing. Our factory consists of the best machines and testing equipment, all of which are technically advanced. It is because of our sound infrastructural facility that we have attained high quality standards in our production process. This enables us to come up with defect-free and high-precision systems. Our infrastructure is well segregated into various units, which include production unit, design unit, quality assessment unit, R&D unit and others.

We Believe in Nature

CLOUD TECH: EXPERTISE & TEAM

Our design unit is equipped with the latest software that enables us to come up with the most innovative techniques for various solutions.

Working with us is a team of experts, which assists us in all our endeavours at each and every step. With their help, we are able to meet the specific demand of customers worldwide. Our team members are professionally trained in their respective areas. All our professionals hold in-depth knowledge about this industry and are well-versed with the quality standards, which enables them to deliver the best range.

Our team includes the following:

- Engineers
 - Production Managers
 - Quality Controllers Supervisors
 - R & D Personnel
 - Technicians
 - Skilled and Semi-Skilled Workers
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SERVICES & CUSTOMERS SATISFACTION

Cloud Tech, remains committed to the goals set in the beginning to provide the best solutions possible and to provide customers with first rate service after the sale.

We consider our customer to hold the top priority, thereby, we ensure that in every business dealing our team members follow a customer centric approach. Our quality consciousness has helped us in winning the trust of our customers, which in turn has helped us in building a wide base of customers across the world.

Following are some of our key strengths:

- Qualitative range of Products
 - Diligent team of professionals
 - State-of-the-art infrastructural facility
 - Innovative technology based designs
 - Competitive prices
 - Primary competitive advantage
 - Experienced R & D department
 - Large production capacity
 - Provide customized solutions
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EVAPORATIVE COOLING

Cloud Tech high-pressure mist systems drop temperatures by as much as 15- 20 degrees by employing **evaporative cooling** principles. Cloud Tech creates a pleasant and comfortable environment year-round for you and your family. Dramatically increase the usable living space in your home by adding misting to outdoor rooms, covered patios, courtyards, pool decking, play areas and more.

Technology

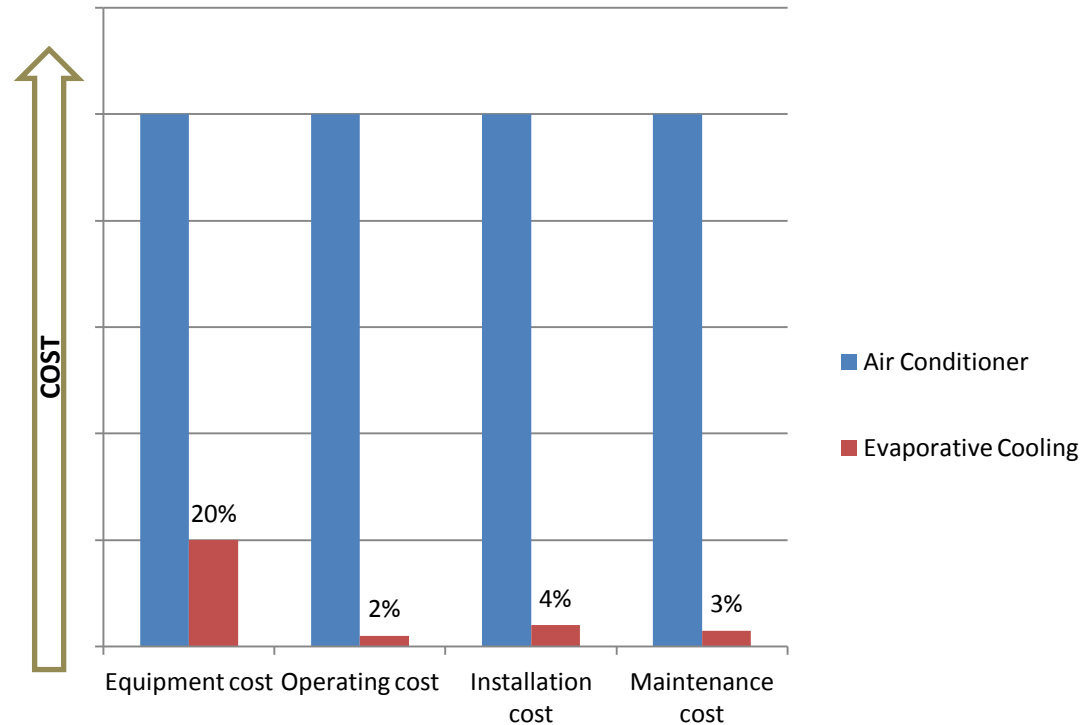
Misting systems provide cooling through evaporation. Evaporative cooling is a very simple process. Water requires energy to evaporate (600 calories of heat per gram of water, to be exact). As the mist evaporates the energy exchange results in temperature reductions.



EVAPORATIVE COOLING

Advantages

- Significantly lowers ambient temperature.
- Eliminates dust, pollens and flying insect.
- Versatile, flexible.
- Easy to install.
- Low energy cost.
- High efficiency.



Evaporative Cooling Vs Air Conditioner

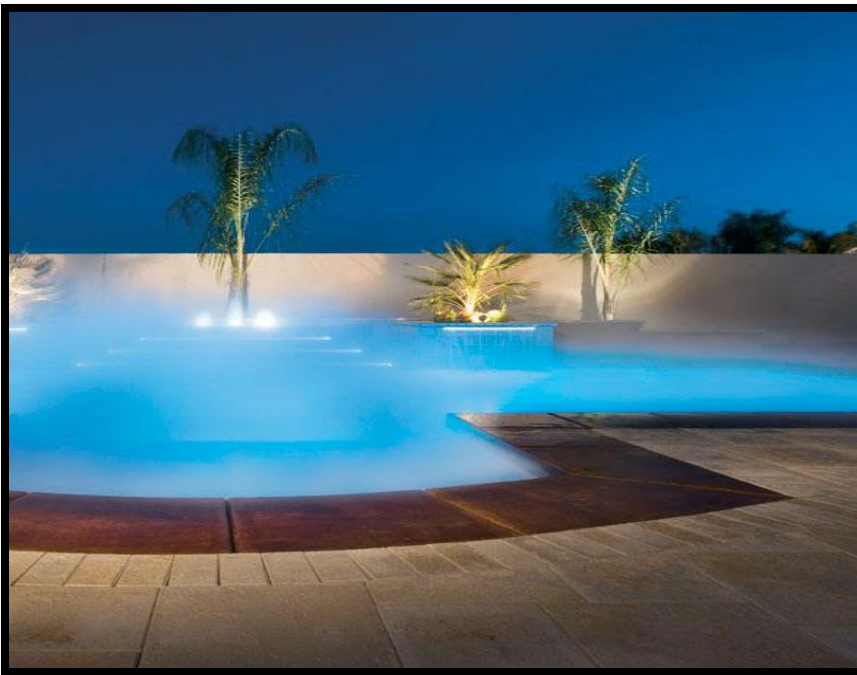
EVAPORATIVE COOLING- Industrial Cooling

Cloud Tech Evaporative Cooling System used for Industrial Cooling



FOGGING SYSTEM

Cloud Tech stretches scope of fogging systems highlighting various architectural elements including **ponds, pools and fountains, gardens.** Fogging system from Cloud Tech is intended towards creating excellent outdoor with outstanding cooling effects. With the systems of Cloud Tech any environment is going to be a beautiful place. We use high-pressure fog atomization technology with excellent fogging effects.



We Believe in Nature

DUST SUPPRESSION

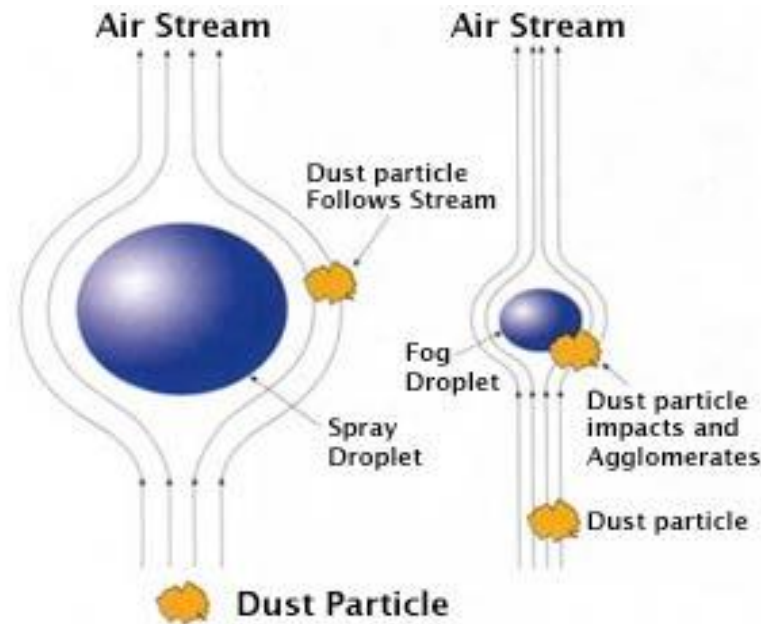
Cloud Tech develops highly efficient **Dust Suppression System** well capable of eliminating dust particles from the desired place at residential or commercial premise. Dust suppression systems are heavily used in materials handling industry such as coal industry. A lot of coal is produced during transfer of coal from one place to another. This is here that highest amount of dust is introduced in the air.



DUST SUPPRESSION

How It Works

Cloud Tech Dust Suppression System uses high pressure water fogging which creates a ultra-fine fog consisting of very fine water droplets (less than 10 micron size), defined as Dry Fog in diameter. These tiny water droplets absorb even the smallest dust particles in the air, yet fall to the ground without wetness. Particularly suited for dusty environments.



DUST SUPPRESSION

Cloud Tech Dust Suppression Solutions:- Cloud Tech has developed very efficient dust controlling solutions and are listed below:

1. Dry Fog Dust Suppression System:

CTDS100 high pressure water fogging system is used to spray a ultra-fine fog consisting of very fine water droplets (less than 10 micron size).

The system comprises of:

- CTDS100 Control Module
- Triplex Plunger High Pressure Pump
- SS Connectors- SS304
- SS Hydrojets- SS304 with solid cone spray (<10 micron)
- UV Treated flexible High Pressure Nylon Tube



DUST SUPPRESSION

2. Fog Cannon: Cloud Tech Fog Cannon is designed to tackle the problem of airborne dust particles generated by open mining activities. Fog cannon is efficient to suppress upto 95% of airborne dust particles. These units are ideal for suppressing the dust where it is generated in high concentrations or dust caused by high volume dust events such as blasting- and the long throw distance is usually necessary for this.

There are several models of Cloud Tech Fog Cannon available with throw ranges from 15 to 100 meters. All models have automatic rotation of upto 270° and an adjustable elevation angle from 0° to 45°.



ODOR CONTROL

Cloud Tech odor neutralizers are atomized as fine mist or vaporized and mitigate odors by air contact. Special equipment is required to atomize or vaporize the Cloud Tech product into the air, enabling the physical reaction between its many constituents and the odorous gases. This may be applied in either indoor or outdoor application.

The Cloud Tech system injects a mixture of essential oils and water into the air (at 1%), since the liquid is atomized into billions of small water droplets, the water quickly evaporates leaving the odor product to entrap the odors and biologically degrade the result leaving the air clean of the Odor.

Essential Oils

Cloud Tech's **Natural oils formulation (SIE-10 & SIE-20)** has four main categories which include:

- Reactants
 - Neutralizers
 - Surface treatment
 - Incorporation treatment
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ODOR CONTROL

When it comes to the control of nonspecific odors from municipal waste, food industries, pharmaceutical pharmaceutical units, automotive lines, flavours and fragrances, nothing works better than neutralizing with essential oils.

Essential oils are liquids extracted from plant material by pressing, solvent extraction or steam distillation. These organic, naturally occurring essential oils are extracted from the seeds, bark, roots, leaves, flowers, wood, balsam, resin and fruit of plants.



MOSQUITOES CONTROL

Cloud Tech is the only company in India that uses Natural essential oils formulation which is non toxic, biodegradable, very safe for humans. The solution is not only efficacious but also the most economical solutions available in the world. People who like to remain healthy and are sensitive to the environment safeguards find refuge or partner with Cloud Tech.

Nowadays, vector and insect control is being done by 'Cell Penetration' technology, by use of chemicals. However, traditionally, the natives used natural plants and saps to repel the insects or kill them. The technology used was that of 'receptor binding' as opposed to 'cell penetration'. The basic advantage of receptor binding technology is that insects do not develop resistance, also the natural ingredients had a very short half life, apart from being non-toxic.

We at **Cloud Tech** idealise Nature and promote only solutions which are derivatives of Nature, to control insects in the nature. We are with the best R & D company in India for getting extensively tested products in the field of Insect, Agri and Horti Pest control and Odour control field.

MOSQUITOES CONTROL

Technology

Cloud Tech using its special design for active screening can screen the commercial building House hold, gardens, open spaces ,Terraces by physically putting up a system of spraying equipment, which would automatically dispense a screen of non-toxic oil blend **(SIE-20)** around the building which would prevent the entry of Mosquitoes into the building and also most other insects like flies etc.



LIST OF CLIENTS

- Hilton Double Tree Hotel- New Delhi
 - Eros Hotels & Resorts- New Delhi
 - Lawn Bistro- Noida
 - Aanch Restaurants- New Delhi
 - Sant Nirankari Spiritual Park- New Delhi
 - Aquatech Corporation- New Delhi
 - Bell weather developers- Pune
 - Chairav Consultant- Noida
 - Gujarat Enviro Protection & Infrastructure limited
 - Neokraft Global Pvt. Limited
 - Ozone Bio Fabs- Kerala
 - Parshawnath Corporation- Ahmedabad
 - Sona Fountains- Jammu
 - Sai Veg Hotels- Mumbai
 - New Tea Company- Siliguri
 - Sundaram Agro- Jalpaiguri
 - R.D Tea Industries Limited- Siliguri
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- Limtex Tea- Siliguri
- Limtex Agri- Siliguri
- Buds Tea Limited- Siliguri
- Sujali Tea Limited- Siliguri
- Himalayan Tea- Jalpaiguri
- Hanqua Tea Limited- Siliguri
- Satyanarayan Tea Estate- Dibrugarh
- Methods India- Tamil Nadu

Thank You