



3T MAKİNE

Scope of Application

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About Us

With its work experience and knowledge, our company has been producing air conditioning disinfection devices and facilities since its establishment in 2004.

As a company that has produced hundreds of facilities that can respond to requests in a timely and accurate manner, our company is fully equipped to ensure the compatibility of the systems we have established with the project and its continuity in the process of use.

Evaporative products, heating-cooling, ventilation systems and machines, ventilation ducts, aspirators, ventilators, dust extraction systems, heat recovery devices, humidification, dehumidification devices, filtration and vehicle disinfection systems constitute our field of activity.

As 3T Makine; We aim to advance at the same pace with the developments in the sector and to provide innovative and high-quality service to our customers. It is always among our priorities that the systems we have established are able to respond to customer demands accurately and on time with a fully equipped team, and to be an exemplary model in the sector by offering the same service quality after sales.

Hüseyin Seyhan



3T MAKINE

OUTDOOR COOLING





The common problem of facilities that provide service in open areas during hot summer months and people who have to work in open spaces are high temperatures. The healthiest and most comfortable weather conditions for the human body are 22-24 ° C temperature and 55-65% humidity. The system lowers the ambient temperature between 8-15 ° C.

In outdoor cooling systems, heat (energy) absorption is directly related to the temperature and humidity of the environment; The higher the ambient temperature and the lower the humidity, the more it performs the cooling function.

System, except for lowering the temperature also, softens the air, it contributes oxygen, and thanks to the water / steam curtain it creates, it can prevent entry of insects such as fly, bee etc. into the treatment area. If there are unpleasant odors from the environment, the possibility of odor control arises by adding perfume to the water used.



The system is water is pulverizing to the environment by means of a high pressure (55-60 Bar) pump and the line formed by the hoses / pipes connected to it and the small pierced special nozzles on this structure.

During this pulverization, due to the pressure coming from behind and the special structure of the nozzles, the water particles are formed in very small sizes (5-30 micron).

This is the easiest form of water to evaporate and has the appearance of fog, it evaporates in a short time when it encounters hot and dry air.

If the area where it is pulverized is an open space, it cools the environment thanks to the energy (heat) it receives while it evaporates.

On the other hand, water coming into a closed area, adds additional water vapor to the environment and increases the amount of humidity proportionally when it evaporates.



Kahveci Hacıbaba
Mado
Kocatepe Kahve Evi
Tattaze
Timboo
Second Club
Mickey's
Liva
Hacı Sayid
Budakaltı
Funda Pastaneleri
Angora Pastanesi
Big Chef's
Balkon Çukurambar
Fabb's
Otto Lounge
Oskar
Gobitte
Kahveci Mirim
Newcastle
Vişi
Carmelo's
Novapark
Leman Kültür
Clinic Coffee Co.





3T MAKİNE

VEHICLE DISINFECTION






Viruses (aluminum, Newcastle, rabies, etc.), which are the common problem of many animal markets and animal farms in our country, become a problem by spreading through transport vehicles.

Diseases that adversely affect the trade of livestock and animal products between countries cause great economic losses. The losses suffered by the national economies are expressed in million dollars. Diseases that are the most important danger for animal markets cause the virus to spread in a short time after entering the animal market. For this reason, disinfection of transport vehicles used in animal referrals is an important issue in the fight against epidemics.

Vehicle disinfection systems mainly used in livestock industry are also actively used in border gates, harbors and facilities with heavy vehicle entry / exit traffic within the scope of combating viruses.

Vehicle disinfection systems developed with the fogging method, including fan system and tunnel system, eliminate unnecessary personnel employment, and provide an accurate and homogeneous disinfection process by protecting the environment and human health.



Our company ensures that vehicle disinfection is carried out in a successful, safe and economical way with the method:

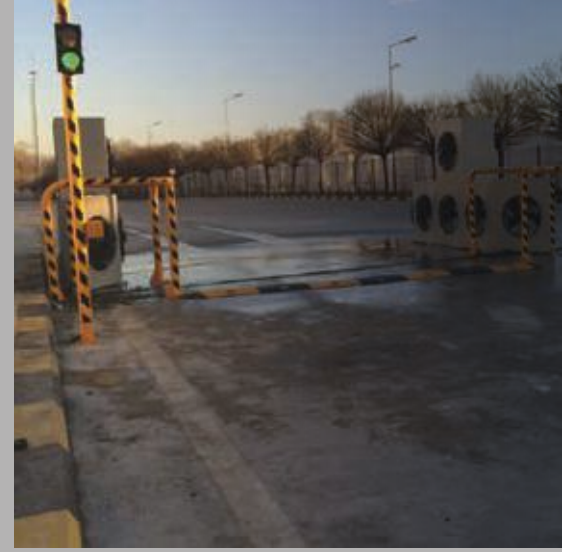
- The vehicle is taken into the disinfection container arranged.
- The disinfectant is released into the environment through the spray nozzles.
- Pulverized disinfectant material fills the container in a cloud of smoke.
- With this method, the disinfectant goes down to the most remote parts of the vehicle.
- When the preset time is up, processing is cut.
- The driver removes the vehicle from the container and the process is completed.

With the fogging method, economical use of disinfectant is ensured, the use of unnecessary personnel is eliminated, the hygiene of employees and the environment is protected and an automatic, accurate, efficient disinfection is done.

Vehicle disinfection is an ideal disinfectant tool for livestock exchanges, slaughterhouses, poultry businesses, large-scale breeding grounds, stud farms, customs offices and regions declared quarantine.



Van Büyükşehir Belediyesi
Ankara Ticaret Borsası
Edirne Ticaret Borsası
Kapıkule Sınır Kapısı
Denizli Ticaret Borsası
Kırşehir Belediyesi
Gönen Belediyesi
Sorgun Belediyesi
Sakarya Ticaret Borsası
Ardahan Belediyesi
Keşan Ticaret Borsası
Yenişehir Belediyesi
Karapınar Ticaret Borsası
Akçakoca Belediyesi
Nallıhan Belediyesi
Ilgın Belediyesi
Kahramanmaraş Belediyesi
Mustafakemalpaşa Belediyesi
Çorum Belediyesi
Ödemiş Ticaret Borsası
Kandıra Belediyesi
Şarkışla Belediyesi
Boldavin Belediye Başkanlığı
Kırşehir Ticaret Borsası
Edirne Ticaret Borsası
Elazığ Ticaret Borsası







3T MAKİNE

PEDESTRIAN DISINFECTION

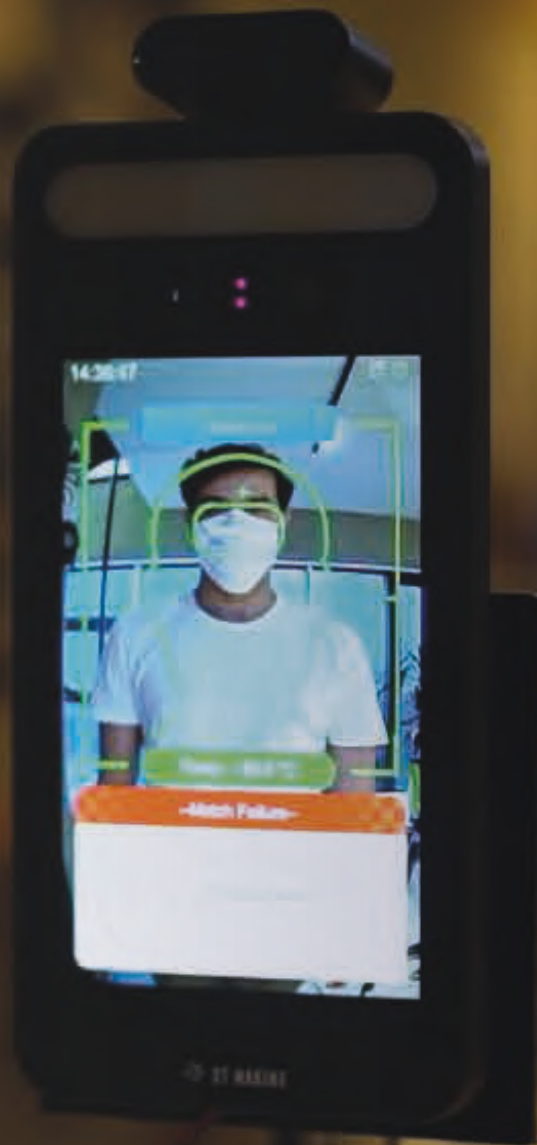




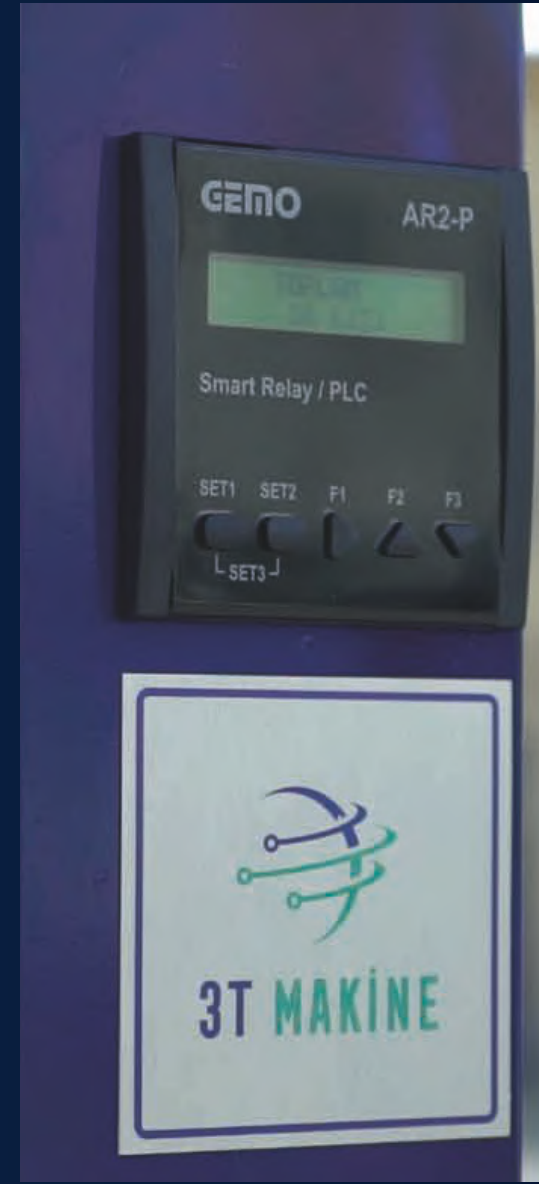
In pedestrian disinfection systems, by fogging method the disinfectant liquid comes from the nozzles in the system turns into a cloud of fog and reaches the microorganisms on it without making wetness on the person.

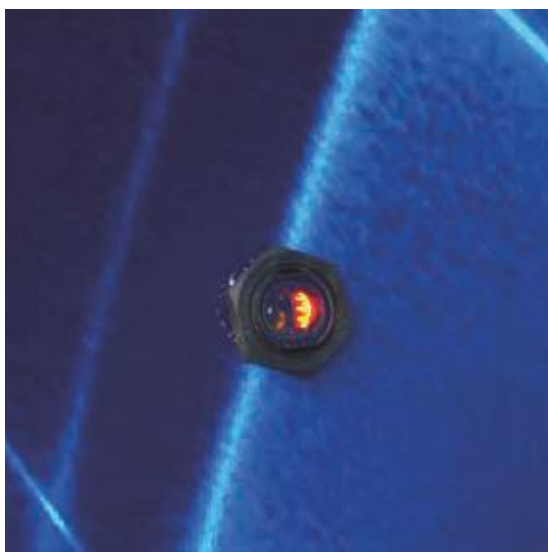
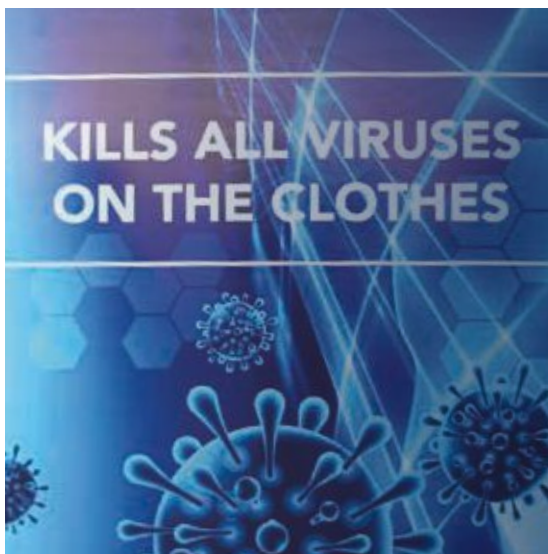
People with coronavirus, infects billions of harmful microorganisms through sneezing, cough, body fluid and contact into their environment.

These harmful microorganisms cause other people to get sick with breathing and contact. Users should use pedestrian disinfection systems before entering public living areas.



- 8 inch LED Screen
- High Precision IR Body Temperature Measurement
- Non-Contact Body Temperature Measurement
- Human Voice Command System
- Real Time Face Mask Detection
- Face Vitality Detection Technology
- Accurate Face Recognition with Deep Learning Algorithm
- Standalone Device Ready to Connect to Network







3T MAKİNE

DUST CONTROL SYSTEMS





Dust control is of great importance in both indoor and outdoor areas such as stone, mining and coal mines, cement plants, and construction sites.

Dust suppression systems prevent the dispersion of dusts suspended in the air by means of fogging method and make them to the ground by making them heavier.

Thanks to these systems, both employee and environmental health are protected.



Under pulverization, atomized water particles make the dust particles heavier and land on the ground in the environment.

The system is also used to make the environment smell pleasant with the addition of liquids that absorb perfume or odor particles in the incoming water.



Acacia
Akçansa
Limak
Kandıra Belediyesi Taş Ocağı
Çayeli Bakır İşletmeleri
Kocaeli Büyükşehir Belediyesi
Trabzon Çimento
Aşkale Çimento
Bereket Enerji A.Ş.
ETİ Soda Madencilik
Kolsan
Acacia Madencilik Bakır İşletmeleri
Karadeniz Beton
Balcılar Beton
Mak-Taş Madencilik
Efe İnşaat
Öztürkler Madencilik
Maçktaş Madencilik
Diyar Group
Güven İnşaat
VAROL Beton
KNAUF
Yılmazlar Madencilik
Çelikler Holding
Kandıra Belediyesi
Atmalıoğlu İnşaat
Hamtaş Madencilik
Fetih İnşaat
Bayramoğlu Beton
Demre İnşaat





3T MAKINE

RAYON HUMIDIFICATION





Exposure of the products exhibited in greenery sections in markets and greengrocers to dry air causes them to lose their vitality and freshness in a short time, and their shelf life is shortened.

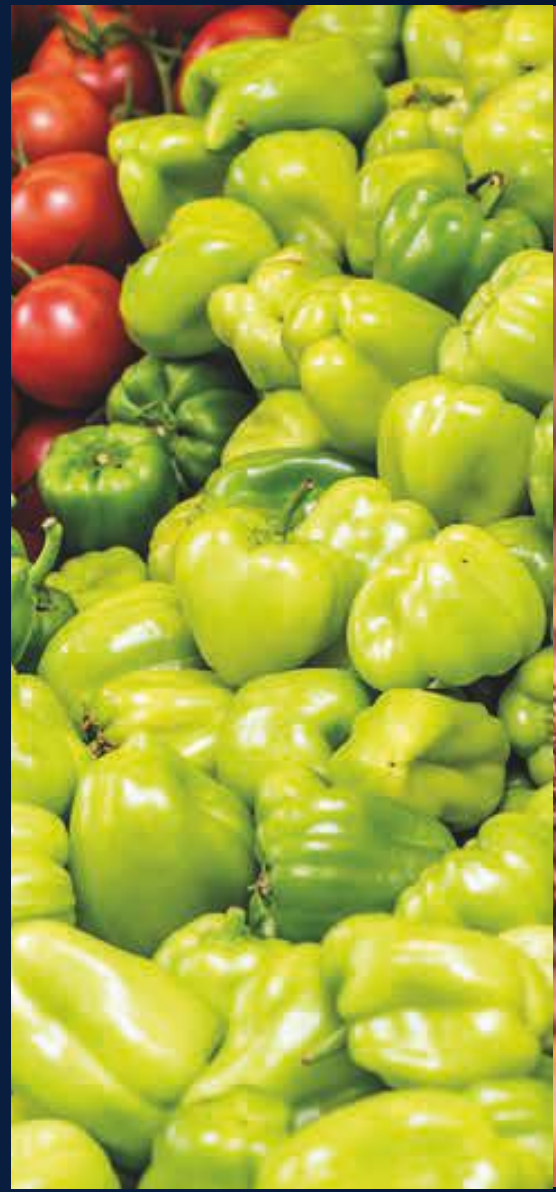
With the nano micron fogging method, which is activated automatically for 24 hours, the shelf life of the products is preserved for a long time without losing its vitality.



The products harvested at their current temperatures in summer are cooled down to 2 to 4 ° C while being delivered to markets or customers. If the crop has been harvested at a temperature above 20 ° C, the cooling process required to cool the crop to storage temperature which damages the crop. Therefore, it is necessary to moisten the product during or immediately after the cooling period.

The workbench products exposed to cooling are regained with moisture through the air with the fog released after the cooling process. At the same time, permanent moisture is supplied to prevent moisture loss during the next cooling cycle.

The humidification cycle proceeds in sequence, followed by 15 minutes of cooling followed by a 5 minute fog delivery. This cycle continues until the harvested product reaches the desired temperature. Moistening the products can extend the time to be displayed on the countertop and minimizes the losses due to waiting.



Çağdaş Marketler (50+ Branches)
Makro Market
Gimat Gross
City Gross
Başakşehir Kasap Manav Şarküteri





3T MAKİNE

THERMAL HEAT SYSTEMS





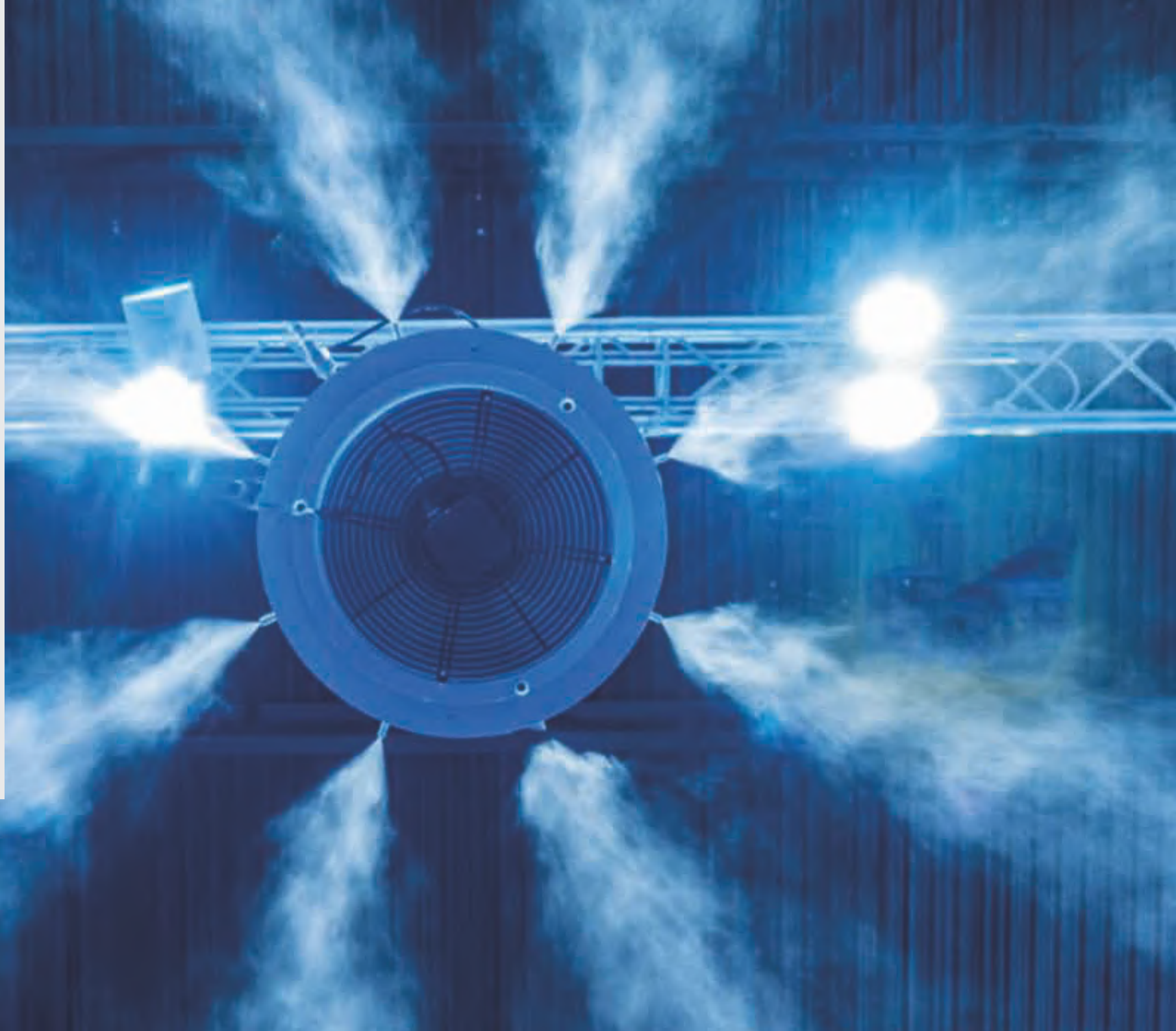
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3T MAKİNE

INDOOR HUMIDIFICATION





Moisture; is the amount of water in the air. Dry environment takes moisture from the air. To increase the humidity, it is necessary to add water vapor into the air.

The main element of being able to protect the products in closed areas is humidification. The humidity level should be at the required level not only for the protection of the products, but also for the staff in the environment to work comfortably.

It is possible to provide a constant humidity determined for many areas with the fogging method.

Sumitomo Rubber
Küçüker Tekstil
Gürsan Tekstil
Özer Tekstil
Özdilek A.Ş.
Erteks Tekstil
Okçuerler Tekstil
Filidea Tekstil
Menderes Tekstil
Motif Tekstil
Anıl Ambalaj
T.T.L. Tütün Sanayi
M.K.E. Barutsan Roket/Patlayıcı
Merinos Halı
British American Tobacco





3T MAKİNE

FOG EFFECT WITH
FOGGING METHOD





Recreation areas, ornamental pools, parks and similar places are the systems used to create beautiful images and create cool and pleasant places. Integrating fog clouds and motion effect in a motionless design enhances the perception power and effect of the pleasant image.

Sinpaş Altınoran
TOBB ETÜ
Taurus AVM
Atlantis AVM





3T MAKİNE

LIVESTOCK AND
STUD SYSTEMS





The need to cool off is undoubtedly important for animals as well as humans. It is observed that animals show reluctance to feed and lose weight in hot summer days. Our cooling and ventilation system benefit the increase in efficiency and prevents animals from getting stressed due to extreme temperatures.

By increasing the ambient humidity, it provides reaching to 60-65% values, which is the ideal humidity rate for animals and protection against upper respiratory diseases.

System; It can also be used for spraying processes.



In order to prevent dehydration in chicks, the ambient humidity should be 70% RH for the first 3-5 days after their introduction and it should be aimed to maintain 65% (75% for turkeys) during the first two weeks. Performance loss and uniformity disorder do not occur at these moisture rates.

The fogging system is also useful for cooling (accompanied by a ventilation system) at high indoor temperatures. While the house is emptied and prepared for new chicks, fogging system can also be used to spray the house, and a much more qualified spraying is achieved than manual disinfection devices.





3T MAKİNE

EVAPORATIVE SYSTEMS





Every degree of temperature increase above 22 ° C causes a 4% decrease in work efficiency. Water is naturally one of the fastest heat-taking fluids and therefore has a very high tendency to evaporate. As a liquid evaporates, it absorbs heat from its environment.

When water contacts with air, it cools the air by taking heat from the air. Evaporative cooling systems ensure that the air is cooled by contacting the air with the highest amount of water as possible. Work efficiency of workers working in hot areas is increased with the high flow cooling system.

It is an environmentally friendly system with zero waste and low energy consumption, without the use of cooling gas.



The water in the pool is distributed over the cellulosic combs with a small circulation pump and the combs are kept constantly wet. A fan inside the unit takes hot air from outside and passes it over these wet combs, the air passing through the wet combs cools and is pressed into the room.

Industrial evaporative cooling units are applied in textile factories, carpet weaving and spinning factories, plastic injection factories, compressor rooms, foundries, industrial kitchens, show tents, mosques, laundries, warehouses, shipyards, power plants, poultry farms, open air areas, restaurants, wedding halls.

Kahveci Hacibaba
Elite Organic
Anıl Ambalaj
Ata Tekstil
By Zara Tekstil
Ozan Tekstil
Bursalı Havlu
Vateks Tekstil
Syk Tekstil
Erteks Tekstil
Dicle Cafe
Vestel
Şişecam
Standard Profil
Europtec Cam Sanayi
Toru Un







3T MAKİNE

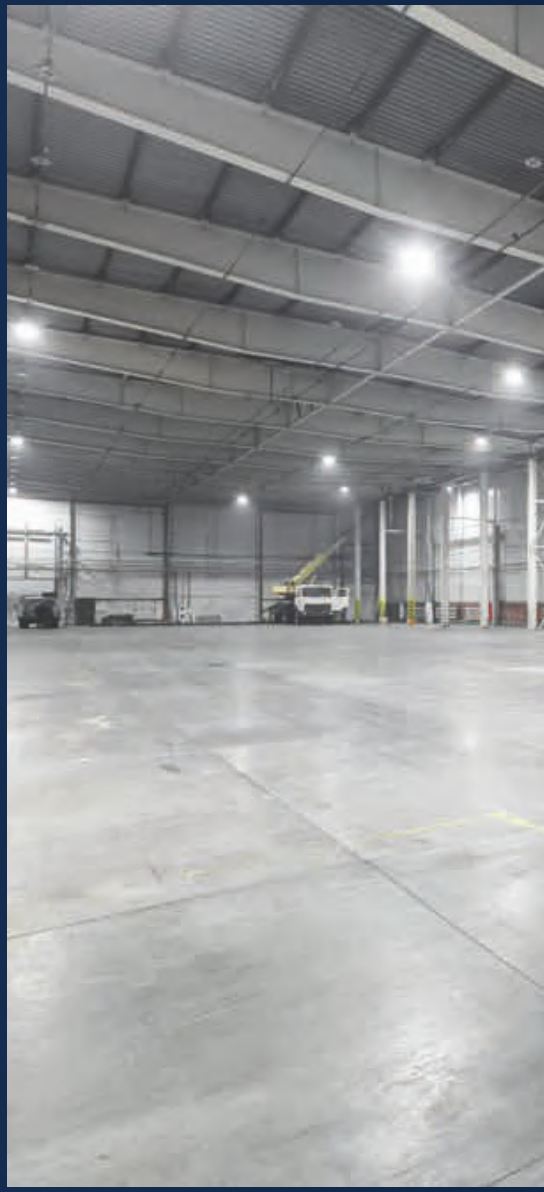
**DAYLIGHT LIGHTING
SYSTEMS**





Daylight natural lighting systems are products that minimize the need for the use of electrical lighting (artificial lighting) during daytime by bringing daylight to spaces with zero energy. Thus, energy costs arising from artificial lighting are reduced and carbon emissions are reduced.

These are the systems that provide a natural homogeneous lighting environment by distributing the rays transferred to the channels with a special transparent dome system placed on the roof. It has been the pioneer of systems that meet the natural lighting needs in residential and commercial areas due to its energy saving, nature-friendly design and increase in working efficiency.



Adana Aski Atatürk Spor Salonu
Sancaklar Camii
KSB Pompa Ankara
Migros İzmit
Zorlu Center
Başaranlar Mermer
TEI Eskişehir
Standard Profil
Özgür Tarım





3T MAKİNE

SMOKE EVACUATION SYSTEMS



Most people who are exposed to fire die not by burning but by smoke. The smoke caused by fire creates a life-threatening condition by covering all rooms and spaces within minutes. Due to toxic poisoning with inhaled smoke, vision loss occurs, focus decreases and sensory losses occur. Therefore, it prevents escape in time of smoke.

In order to prevent this, evacuation systems prevent the smoke from accumulating in the room by evacuating the smoke without cooling the fire. Thanks to the smokeless air provided, the fresh air necessary for survival is provided, as well as the panic and anxiety caused by smoke is prevented. Increasing the area where the smoke is evacuated makes it easier to contain and extinguish the fire.



Depending on the roof design and working conditions, the right material, correct mounting system and unit height can be determined and can be easily mounted on all roof and wall constructions with thousands of color options.

Low maintenance cost, recyclable and being self-draining provides safe, architecturally aesthetic solutions for industrial facilities, logistics warehouses, commercial buildings, tourism facilities, culture and sports centers.

Turkuvaz İstanbul
TEİ Eskişehir
Mersin Otogar
Schneider Mersin OSB
Migros Eskişehir
İstikbal Mobilya Kayseri
Eti Eskişehir
Erdemir Manisa OSB
Do-Co Ankara
Assan Alüminyum Gebze
Alapa Makine Çorum
Aksun Tarım Mersin
Kümaş
Migros
Ülker
ETİ
BİM
TEİ
Renaissance Construction
Polimeks
Bora Çelik
Esenboğa Havaalanı
SASA Polyester

