Easy Line Fog system

Evaporative cooling in the greenhouse



Fog-systems are used with enormous advantages to keep the right climate inside greenhouses of any dimension. Misting systems (or Fog systems) play an important role in the greenhouse climatic control. The systems are also used with enormous advantages to keep the right temperature and humidity in the environment, under conditions of forced or natural ventilation. In summertime the quick evaporation of the fog will cool the greenhouse due to the principle of evaporative cooling, meanwhile it humidifies the environment in case of low relative humidity. During the wintertime the system keeps the correct humidity rate preventing the dehydration of the crops caused by heating systems. The environment produced by our system is appropriate for the most delicate crops (ex. the growing of young seedings, the cultivation of tropical plants and in bloom plants) where it is not possible to use traditional spraying methods like standard spraying.

Odour control

Fog-systems are the best tool for odour treatment and odour control in large areas, for industrial and commercial applications. Our systems are effective on both solid and liquid waste and the process involves the atomization of neutralizing chemicals (to block the odour perception), odour absorbers (which modify the compounds that cause odours) or completely natural bioneutralizers that modify the natural decomposition and prevent the formation of odour by means of biodegrading action.

Benefits

- Increased general productivity of the greenhouse
- Speeds up plants growth
- Keeping of constant humidity levels
- Less humidity need
- The correct micro-climate in any season
- Lower water consumption for the irrigation
- Less shading needed
- Growing of a reproduction plants stock in the greenhouse
- Suitable for chemical spreading (fertilizers, insecticides)

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