

# Mist & Cool<sup>TM</sup> Outdoor Cooling System

## **What is Mist Cool ?**

Mist Cool is a system which uses evaporation to reduce environment temperature for any out door activities, Also clear air of smoke and airborne particles. It also used to increase humidity for greenhouse and tropical gardens

## **How does it work?**

By Forcing water through our specially designed misting nozzle, we create a fog of ultra fine water droplets with an average size of 20 micron or less. The tiny water droplets quickly absorb the energy (heat) present in the environment and evaporate, becoming water vapor (gas). The energy (heat) used to change the water to a gas is eliminated from the environment, hence the air is cooled.

## **Why is its advantage over other systems**

1. Low electrical & water usage
2. Low capital investment
3. Easy Maintenance



Houses using this system.....



## Results

Creates a cool environment especially on very hot days!



## **System Price**

Basic 8 Nozzle Package = RM1650.00

Basic 2 Fan Set = RM2490.00

## **Item Include :**

- Water Pump
- Pre and Post Filter
- Ultrafine Misting Nozzle
- Hose
- Misting Tee, Misting Elbow, Compression Tee
- Fitting and Others as required

## **Q & A**

**What is the water consumption per month like ?**

A: Assume the system “ON” for 1 hour per day, the water bill for a month will only cost RM 0.34Sen

**How much is the electricity bill projected ?**

A: 1.332kJ for 1 hour  $W=P*t$  will cost around \$2/month

**Any maintenance required for this system ?**

A: Yes, periodically due to the Mist head clogging. However it involves only a simple process to clear it as the nozzle can be removed and re-installed easily

**What if I need to automate turning it on and off?**

A: Yes, we can install a timer and solenoid valve if required.