



EXTRA

Third generation evaporative cooling systems

The coolest weather you can expect



50% more cooling efficiency



44% less power consumption



32% less water consumption



Thermal insulation

Auto drain system

Special blower



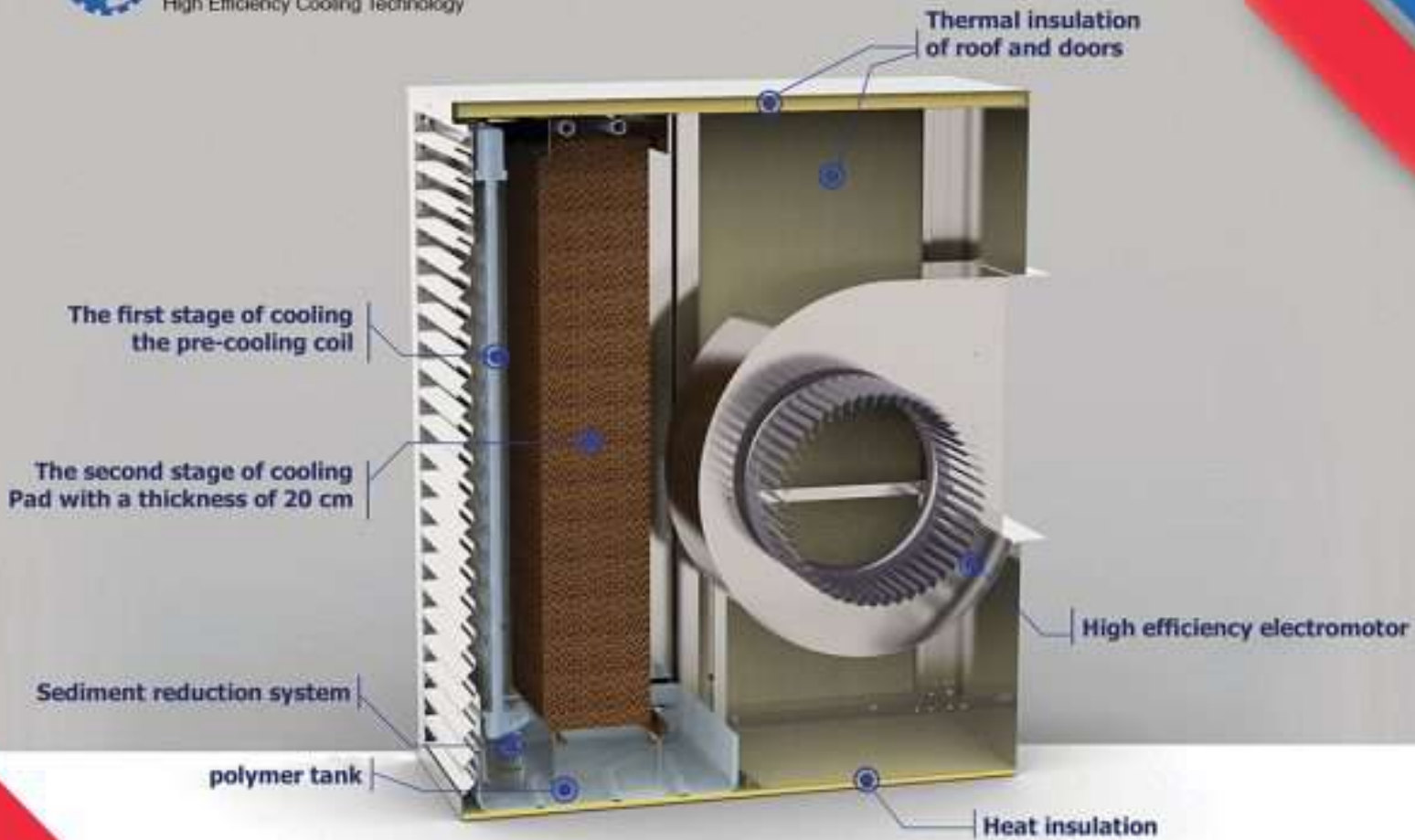
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EXTRA

High Efficiency Cooling Technology



Key Features

- Special blower with 12% higher efficiency
- Up to 32% savings in water consumption
- Auto drain system
- Up to 50% more cooling efficiency than other products
- Device can Split into two part for easy transportation
- Submerged pumps
- Up to 44% less energy consumption during the season
- Minimum annual service requirement
- Healthy air and anti-allergic cellulose pad
- All side thermal insulation
- high efficiency electric motor

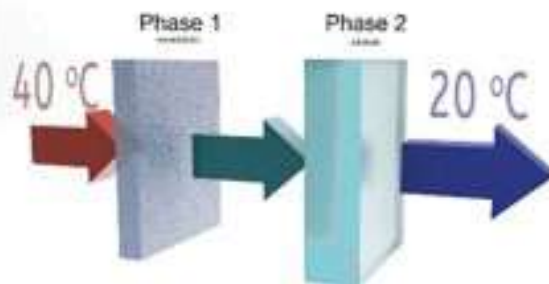
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EXTRA uses the two-phase cooling process to provide the maximum amount of cooling among the available evaporative coolers. In this process, by using two cooling steps, it is possible to achieve 50% more cooling capacity than evaporative coolers with similar power consumption.

Cooling

Air cooled at the first stage by a heat exchanger without adding moisture. This stage is called pre-cooling. Then by passing through a cellulose pad with a thickness of 20 cm, it is cooled and moistened. This technic reduces the temperature of the produced air to below the wet-bulb temperature. This cannot be achieved by a normal evaporative coolers.



High durability

Inside of the frame is not in contact with water. As a result, they do not get rust or scale and last longer. Water flows only in a polymer tank.



Thermal isolation

Due to the importance of controlling heat loss and preventing the effects of sunlight, the body of the product is equipped with thermal insulation. It is worth mentioning that this thermal insulation is also used between the bottom of the device and the tank, thus prevent heat loss in the tank water.



Scaling reduction system

In all evaporative coolers, as water evaporates, scale or mineral remain in the tank. This cause scale buildup and reduce device life. The scaling reduction system used in this product flush out the hard water automatically. This protect the cooler parts and equipment from scale buildup. The draining time also can be adjust manually.

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