

Haldiram's enhances its manufacturing facility with the manifold benefits of HMX cooling solutions

Background

Haldiram's is one of India's most popular brands as it manufactures a wide range of mouth-watering sweets and snacks. To meet the ever-growing demand for their food products, Haldiram constructed a new, state-of-the-art manufacturing plant in Nagpur with the name of Harrshiv Healthy Foods. The facility is the largest two-storied food manufacturing facility of its kind in India, with each floor admeasuring approximately two hundred thousand square feet.

Challenges

Summer temperatures in Nagpur regularly soar over 45°C. The management at Haldiram's knew that such high ambient temperatures coupled with the heat generated by the cooking equipment would create an uncomfortable environment for the workers. This could adversely affect workers' health, morale, productivity, and the quality of the food that Haldiram's is known for.

Haldiram's also wanted to reduce the time taken to pack the sweets by reducing the temperature of the hot freshly-made food items. This needs to be done without introducing additional moisture, as added moisture could promote bacterial growth and be detrimental to high quality packaging.

Solution

Haldiram's has experienced first hand the benefits of HMX cooling solutions in their plants in and around Nagpur since the last few years. Hence their management was confident that they should once again install HMX solutions for this new facility as well. So, they placed an order for 25 units of direct- and indirect-based evaporative cooling solutions with a combined capacity of 635,000 CFM. The order consists of 14 IDEC units (Indirect Direct Evaporative Cooling) and 11 DEC units (Direct Evaporative Cooling) of varying capacities for different applications.

Result

The performance of HMX cooling systems has been of the highest standard. The new manufacturing facility with adequate lighting, ventilation, and a cool and comfortable environment has boosted the morale and productivity of the workers.

HMX cooling systems offer many more significant benefits, such as:

- Low energy consumption: Uses much lower energy compared to conventional air conditioning systems, making HMX cooling systems highly energy efficient and cost-effective
- Low-cost maintenance: Requires minimal upkeep, and is designed to last for many years
- Help meet SHE goals: Maintain a safe and healthy environment in an energy efficient way

The management of Haldiram's is happy to see that their objectives are fully met, and the trust reposed in HMX is justified!



HMX-IDEA at Haldiram's, Nagpur