

Case Study

Kasliwal Collections realises the benefits of the HMX-IDECool

Background

Kasliwal Collections is a well-known cloth showroom in Nanded, Maharashtra, India.

Challenges

The Kasliwal Collections showroom has 3 floors of 2000 square feet each and a mezzanine floor of 1000 square feet. The showroom's owner wanted to ensure his customers were comfortable, especially during the hot summer months in Nanded, when temperatures could reach as high as 45°C. The owner had nearly finalised a direct evaporative cooling solution consisting of 12 machines of 6000 CFM (cubic feet per minute) each for the showroom.

However, once the owner learnt that the showroom could be cooled better and with fewer units of HMX's two stage evaporative cooling solution – the IDECool – he was convinced and decided to go with HMX's solution instead.

Solution

The IDECool is an Indirect Direct Evaporative Cooling solution that incorporates HMX's proven DAMA technology. Seven IDECool 6 machines were installed at Kasliwal Collections.



Result

The IDECool machines maintain a temperature difference of 10-15°C between the external and internal temperatures, as well as low moisture, thus ensuring cool and comfortable conditions in the showroom throughout the year. An added benefit is that the IDECool machines have reduced the amount of dust entering the showroom.

Area cooled	7000 ft ²
Application	Cloth showroom cooling
Number of machines installed	7
Machine capacity	6000 CFM
Temperature outside the building	41°C
Temperature inside the showroom	25°C



Installing the IDECool led to savings for Kasliwal Collections – the fewer number of machines (seven units compared to twelve of the direct evaporative solution), meant reduced ducting requirements. The IDECool machines also consume less electricity.

Conclusion

The delighted owner expressed great satisfaction with the performance of the IDECool.

The IDECool 6 is a standardised product, using HMX's renowned DAMA technology. HMX is a world leader in Indirect Direct Evaporative Cooling and has the world's largest installed base of more than 40 million CFM.

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