

Case Study

Crockery showroom discovers the IDECool advantage

Background

Agarwal Glass Centre – a renowned crockery showroom in Camp, Pune, India, caters to clients from across Pune and the rest of the country. Agarwal's crockery showroom covers an area of 1200 square feet.

Challenges

The showroom was facing issues related to excessive heat and dust which caused discomfort to workers and customers alike. The structure of the building, made mostly of GI (galvanised iron), allows the easy ingress of dust.

Solution

The owner of the showroom was in search of a solution to these problems. In the course of his research, he learnt about HMX's IDECool, an Indirect Direct Evaporative Cooling solution that made use of HMX's proven DAMA technology.

A demonstration of the technology convinced the owner to go ahead with the installation of IDECool 6, after evaluating all other available options in the market.



Result

The IDECool 6 was quickly commissioned. People within the showroom experienced a perceptible temperature drop in the showroom cooled by the IDECool 6, as compared to the ambient temperature. The IDECool was able to maintain a 10-12°C lower temperature in showroom than the external shade temperature.

There was also a considerable drop of dust ingress due to the positive pressure provided by the IDECool 6.

On top of these benefits, the operational cost of IDECool 6 has also been low.

Area cooled	1200 square feet
Application	Crockery showroom cooling
Number of machines installed	1
Machine capacity	6000 CFM
Temperature outside the building	37°C
Temperature inside the showroom	25°C



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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