

Deliver the health and productivity benefits of fresh air while saving on energy bills

HMX Has Your Solution!

DAMA brings proven energy efficient cooling and ventilation in the toughest conditions

DAMA™

Versatile and Reliable
Indirect Evaporative Cooling

A Building Block for Energy Efficient Cooling Systems

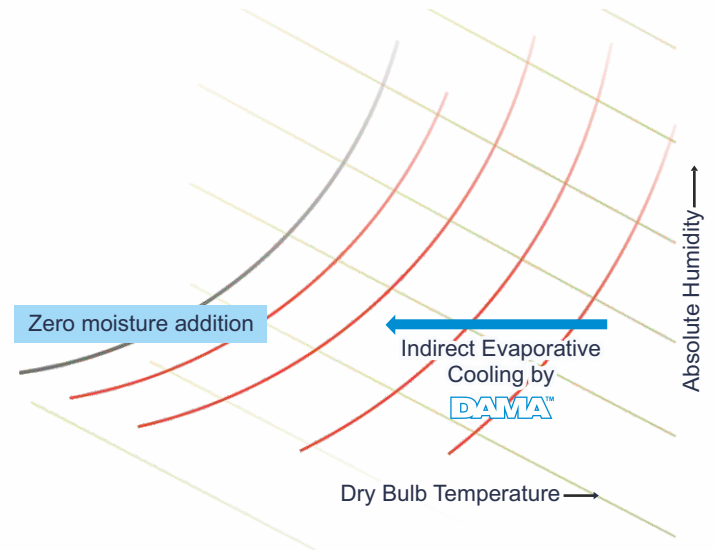
- Highly optimized crossflow, plate-type polymeric heat exchanger
- Robotic manufacturing – high reliability and low leakage
- Low fouling and consistent performance
- Modular and scalable
- Low lifecycle costs

90+ million CFM

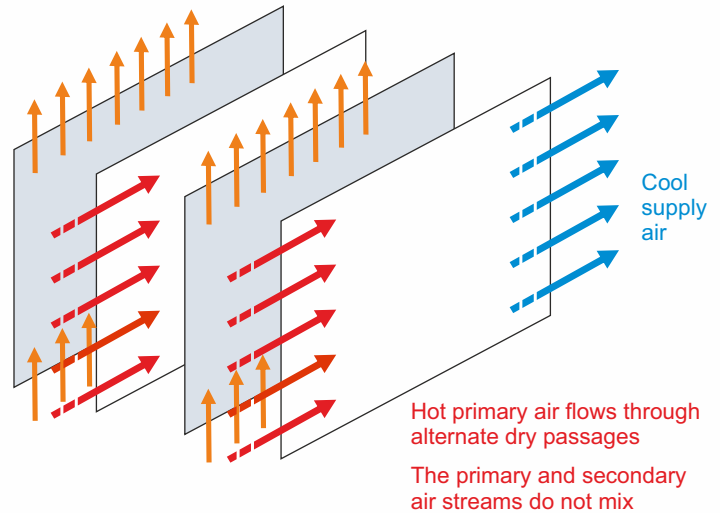
Diverse applications

500+ customers

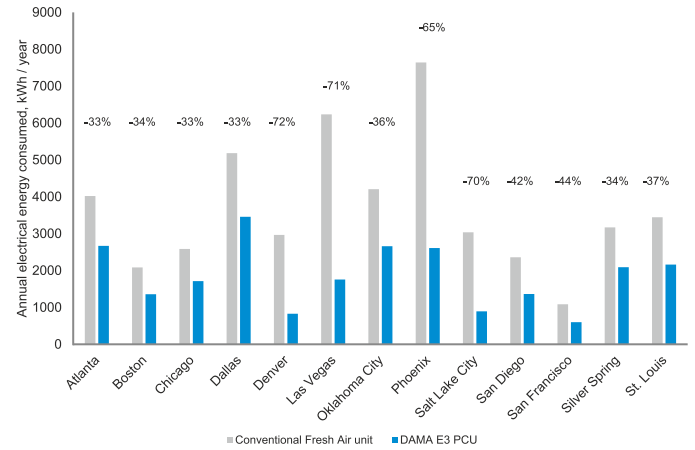
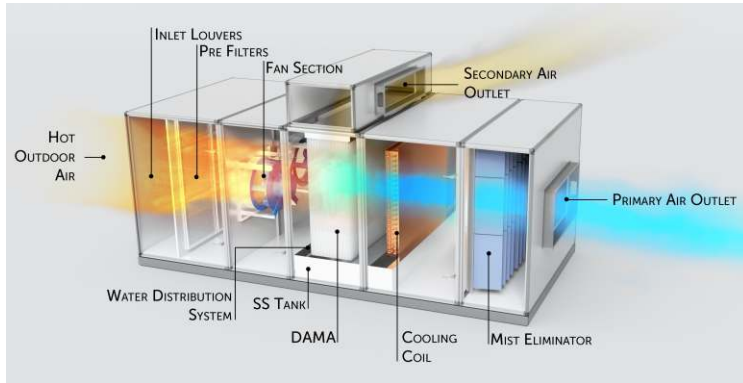
in 10+ countries



Secondary (working) air flows in alternate passages with wetted hydrophilic walls. This air stream is exhausted

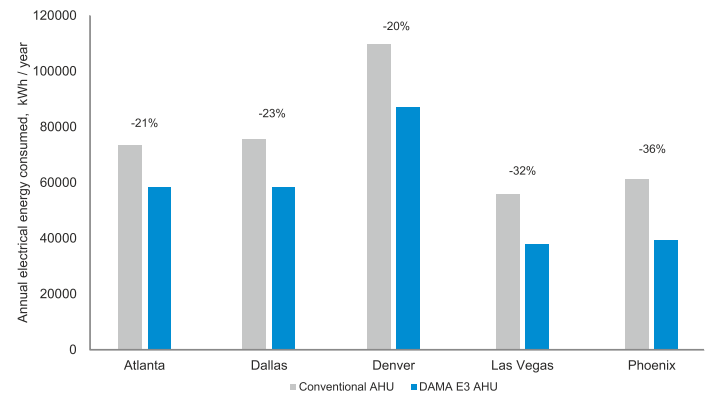
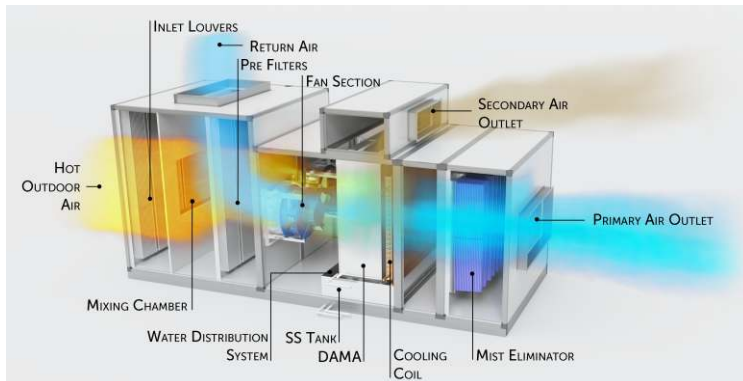


Pre-cooling for DOAS



Simulations: Capacity 1000 cfm, 365 days, 08.00-18.00 hrs, winter cut-off 68°F, net savings after parasitic power consumed

DAMA E3 AHU with 30% fresh air



Simulations: Capacity 10,000 cfm with 3,500 cfm outside air, 365 days, 08.00-18.00 hrs, winter cut-off 68°F, net savings after parasitic power consumed

Applications



Some of our valued customers

