



MANAGE DEWPOINT
AVOID DEFROST CYCLES
CONTROL TEMPERATURE



AG1000

THE ONLY TRUE DOAS

Meets ASHRAE 62
at low Dew Points

Complies with IMC Cold
Room Ventilation Rates

PRE-ENGINEERED PACKAGED UNIT

SINGLE PATH MAKE-UP AIR FROM AMBIENT TO 37°F

10°F Dew Point
Suppression

NO DEFROST CYCLES NEEDED

Continuous Operations

EASY INSTALLATION

No Additional
Equipment Needed

Simple & Easy
to Specify

AG1000 THE ONLY EQUIPMENT THAT COMPLIES WITH ICC STANDARD

AG1000 - Low Temperature DOAS

This product utilizes the patented AirGreen modules with a refrigeration system to continuously produce 37°F supply air at <25°F dewpoint in a single, simple step, while eliminating the need for equipment defrost cycles. By taking advantage of the physical properties of the brine solution to be cooled down to extremely low temperatures without crystallizing, the result is cold, dry air being delivered directly to the cold storage room. Another advantage of the physical properties of the brine solution is that it can release moisture at relatively low elevated temperatures of 110 to 120°F that can bring back the liquid to its desired concentrated levels. Finally, the brine solution system scrubs the air of pollutants, pathogens, and microbes, improving air quality and reducing the chance of outside contaminants being sent into the cold room space. The low temperature brine solution system is the most energy effective method, compared to other cold storage equipment configurations.



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BOOTH S9377

BMIL

VISSMANN GROUP

No-Defrost

Brine Refrigeration

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