

DEHUMIDIFIERS

Reduction of service calls and maintenance costs



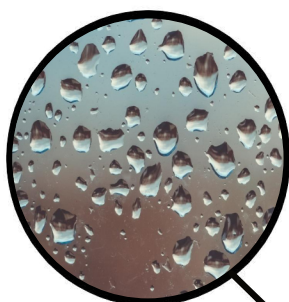
A/C savings due to higher store temperature without compromising comfort



Eliminates frost build up on products



Eliminates condensation on cold refrigeration displays



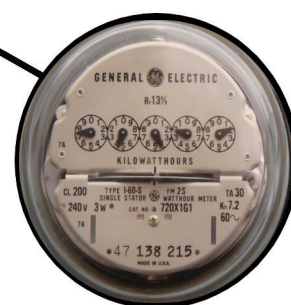
Customer Comfort
Stores will no longer have to lower temperature to reduce humidity



Extended product shelf life



Elimination of icing on evaporator coil

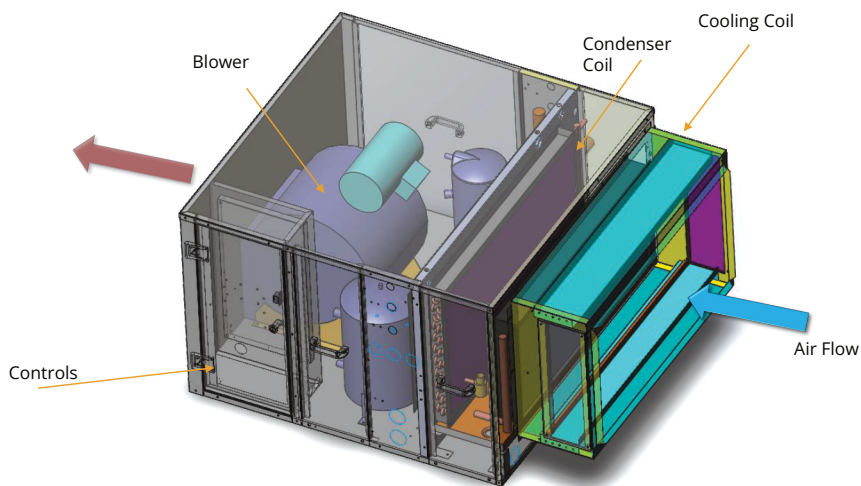


Increased energy efficiency of refrigeration equipment
(Low and Medium temp display cases)

EFFICIENT HUMIDITY CONTROL

THE DEW POINT APPROACH TO BETTER HUMIDITY MANAGEMENT

It's not the heat,
it's the humidity
...it's the Dew Point.



Lowering Dew Point Lowers Moisture

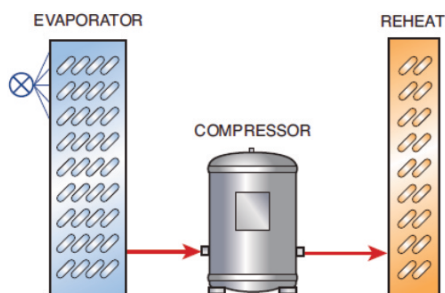
How:

- ✓ Minimize or eliminate all sources of moisture.
- ✓ Ensure all A/C units are running as designed.
- ✓ Condition all make-up air.
- ✓ Ventilate to ensure store is positively pressurized.
- ✓ Addition of a DH dehumidifier to maintain low dew point.

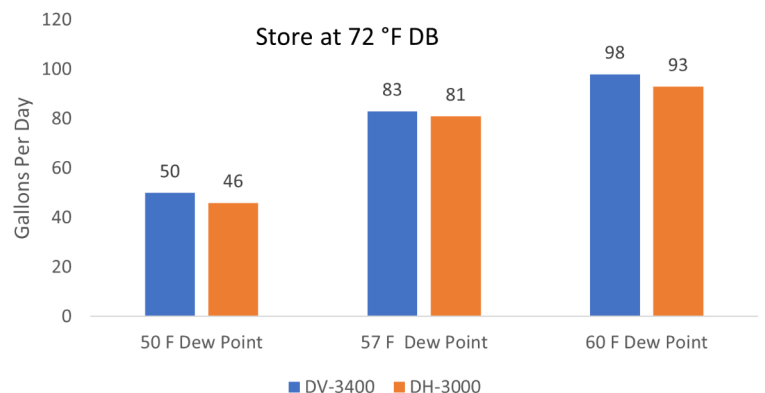
**UP TO 6 TIMES MORE EFFICIENT
AT REMOVING MOISTURE
THAN LOW TEMP DISPLAY CASES**

MECHANICAL DEHUMIDIFICATION

Drop Air Temp to Desired Dew Point,
Then Reheat with Condenser



DH Units' Moisture Removal in Gallons Per Day



Latent Loads to Consider in Supermarkets

Load Type	Impact
Ventilation	Highest
Infiltration	Potentially High- Must Control
Kitchen-Deli	Potentially high
People	Very low

If you would like to know more about
RSC Mechanical's solution,
please contact Mike Tillman or his team.



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