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Issued by: Sean Daley
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Title: EPA AIM Proposed Rule

A new proposed rule from the US EPA (Environmental Protection Agency) would have the following impacts on equipment sold and used in the food retail industry if approved:

- Beginning January 1st, 2025
 - o Equipment containing >200 lbs. of refrigerant must use a refrigerant with <150 GWP
 - Example: Centralized or distributed refrigeration racks
 - o Equipment containing <200 lbs. of refrigerant must use a refrigerant with <300 GWP
 - Example: Condensing units and split systems
 - o Self-contained equipment must use a refrigerant with <150 GWP

As of today, the only viable solutions for food retail are R-290 (propane) and R-744 (CO₂).

On December 15th, 2022, the US EPA published their proposed HFC phasedown rule that would limit self-contained refrigeration systems and refrigeration systems containing more than 200 lbs. of refrigerant to refrigerants with a GWP (Global Warming Potential) of less than 150. Concurrently, refrigeration systems containing less than 200 lbs. of refrigerant would be limited to refrigerants with a GWP of 300 or less. Per the new EPA proposal, these new requirements would take effect on January 1, 2025.

The proposal was published on December 15th, 2022, and is open for comments for 45 days (closing on January 29th, 2023). Additionally, a public hearing will also be held on December 30th to receive comments. Following the comment period and responses, the latest anticipated publication date for the final rule and subsequent regulations will be October 2023.

To reiterate, the proposed effective date for this new rule is January 1, 2025, and the permissible refrigerant GWP's, per application, can be found in the table below:

Thank you,



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