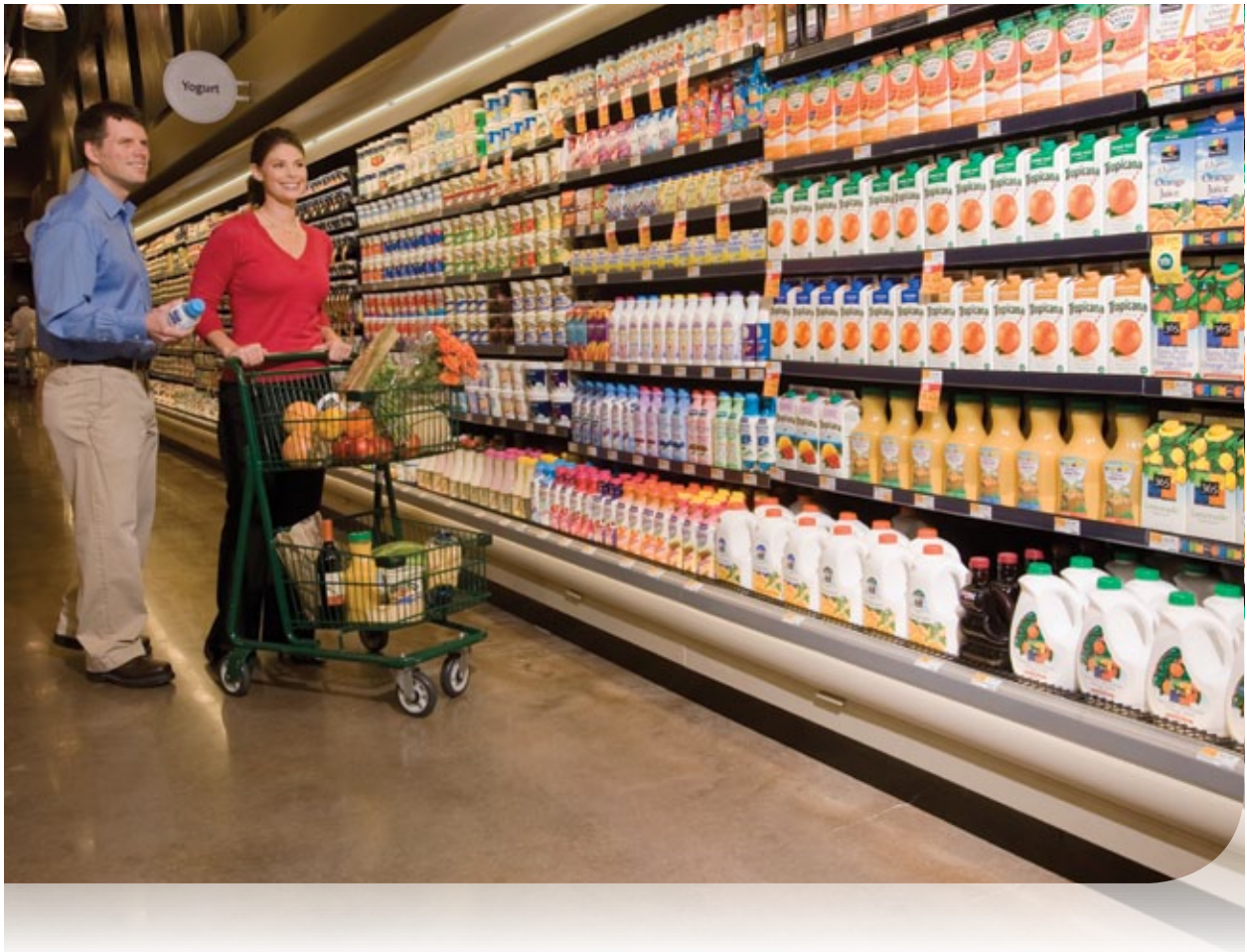


Complying with DOE 2012 Requirements

- Lowering energy use.
- Reducing carbon footprint for food retailers.



DOE 2012 REQUIREMENTS

Improving the Energy Efficiency of Retail Food Stores!

DOE 2012 requirements for commercial refrigeration equipment.

The U.S. Department of Energy (DOE) is implementing new energy efficiency standards for commercial refrigeration products. This regulation will apply to all commercial refrigerated and frozen food display cases used in food stores, both remote and self-contained, with the exception of closed door self-contained cases which were required to be in compliance on January 1, 2010. Under the 2012 standards, cases are evaluated for daily energy use in relation to total display area or volume. Cases are categorized by family, operating mode and operating temperature, and these categories are used in the calculation of energy levels that must be achieved.

The new standards will go into effect on January 1, 2012 and will apply to equipment manufactured for sale in the United States or imported to the United States. The DOE has determined that these standards will result in significant energy savings, and that they are both technically feasible and economically justified.

The DOE estimates that these standards will save approximately 1.035 quadrillion Btu of energy over the 30 year period from 2012 to 2042. This is equivalent to the energy consumed by over 5 million American households per year.

Effect on retailers.

As a result of this regulation, food retailers will realize the benefits of more energy efficient refrigerated and frozen food display cases, and the resulting lower energy costs and reduced environmental impact. The responsibility to ensure compliance will rest with all commercial equipment manufacturers who sell and/or import equipment into the United States. Validation for DOE 2012 compliance will be done by the manufacturer prior to shipment.

What Hussmann is doing.

Hussmann has worked to improve energy efficiency in retail food stores for many years in cooperation with industry associations and government agencies such as AHRI, EPA GreenChill, Design Lights Consortium, and Retailer Energy Alliance. Recently Hussmann has worked on compliance issues with the Department of Energy, Natural Resources Canada, California Energy Commission, and others.

Hussmann is now ensuring that all applicable Hussmann display cases sold in the U.S. on or after January 1, 2012 will meet or surpass the DOE requirements in all case categories. In fact, most of our display case line is already meeting these new standards today. In doing so, we are already providing our valuable customers with the benefits intended by the new requirements of DOE 2012.

ALL APPLICABLE HUSSMANN DISPLAY CASES SOLD IN THE U.S. ON OR AFTER JANUARY 1, 2012 WILL MEET OR SURPASS THE DOE REQUIREMENTS IN ALL CASE CATEGORIES.

Additional compliance measures.

While most Hussmann cases comply with DOE 2012 without additional options or modifications to increase compliance and further improve efficiency, Hussmann will be including energy efficient fan motors as standard on all display cases to which these motors can be applied. This option is already included on most display cases sold by Hussmann.

On some models, Hussmann will be making additional energy efficiency features standard, such as energy efficient coils or LED lights. See your Hussmann sales representative for details on specific models and related payback calculations.

Saving you money while ensuring compliance.

The DOE's research indicates that the economic impacts on commercial equipment users are positive for all equipment classes. With Hussmann, there will be few changes required for most customers. Where additional energy efficient features are needed, payback will be short, and the energy savings will far outweigh the investment over the life of the equipment.



For More Information

See your Hussmann representative for more information on the DOE 2012 standards or for details on compliance in your stores.

For more information on the DOE 2012 ruling, visit: http://www1.eere.energy.gov/buildings/appliance_standards/commercial/refrig equip_final_rule.html.

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