

Meeting Cold Storage Door Requirements For The Energy Independence Act of 2007

There are specific requirements spelled out for cold storage doors in the Energy Independence Act of 2007. R-Plus Doors has answers for each of these requirements.

As of January 1, 2009, all R-Plus cooler and freezer doors will meet these requirements, so that you stay in compliance, saving energy and money on utilities.

ENERGY ACT REQUIREMENTS	R-PLUS DOORS SOLUTIONS
Automatic door closers are required for hinged doors that measure 3'-9" wide and 7'-0" high or smaller.	Kason #1095 spring loaded door snubbers are a standard feature on R-Plus Doors.
Strip curtains, spring hinges or some method (i.e. air curtains) of reducing air infiltration are required.	Spring hinges are standard hardware on R-Plus Doors. R-Plus offers additional protection with optional strip curtains, flexible vinyl doors and a full line of electric sliding doors.
Cooler doors must have a minimum R-value of R-25. Freezers doors must have a minimum R-value of R-32.	BASF polyurethane foam is used in all R-Plus products and meets these requirements. R-Plus products have been tested by an independent Energy Star testing agency to insure compliance.
Cooler view windows require double pane or triple pane glass with either heat reflective treated glass or gas filled. Freezer view windows require triple pane glass with either heat reflective treated glass or gas filled.	All R-Plus cooler & freezer view windows are manufactured with triple pane heat reflective tempered glass to meet and exceed these requirements.
Will there be any way to find more energy efficiencies now that the new EISA requirements are in effect?	Imperial will continue to offer a host of new products and ideas that reduce electrical consumption. Energy efficiencies can always be found through the correct systems design and product applications.

NOTE: The requirements and solutions on this sheet refer to walk-in coolers and freezers of less than 3000 square feet.

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For more detailed information on the Energy Independence Act of 2007, a complete PDF is available on the R-Plus Doors web site at www.rplusdoors.com.

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