



Kolpak walk-ins
meet or exceed
the design elements
of the U.S. Energy
Independence Act



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information online at
www.kolpak.com



High quality, innovative solutions that fulfill all your "cold-side" needs.
Manitowoc Foodservice is comprised of eight brand names.
For beverage products – Servend, Multiplex, and McCann's;
for ice products – Manitowoc Ice;
and for refrigeration products – Kolpak, McCall, Harford, and Koolaire.
Visit us today at www.manitowocfsg.com



We're opening new doors to
energy saving solutions



Specified #1 in Cold Food Storage

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Continuing product improvement may
necessitate change of specifications
without notice.



Specified #1 in
Cold Food Storage



Kolpak walk-ins maximize energy saving performance with standard features and options

STANDARD FEATURES SAVE MORE MONEY

- Kolpak walk-ins **exceed** 2009 Panel Standards using their standard 4" panel
- Low and Medium Temp refrigeration systems are designed for use with R404A refrigerant
- Energy saving fluorescent lighting
- PSC motors are 60% more efficient than other types of motors used in refrigeration systems
- Scroll type compressors, optimized for Medium Temp applications, improve annual energy and performance efficiencies

OPTIONAL FEATURES SAVE EVEN MORE ENERGY

- 5" panels are available for even greater energy savings
- Adding an air current, air shield, or swing door options, exceeds the 2009 Energy Requirements; resulting in additional energy savings
- Ultra high-efficient T-5 fluorescent lighting offers even greater energy savings—618% more efficient than incandescent bulbs
- Electronically commutated motors (ECM) on evaporators (standard in January 2009) regulate energy usage to maximize efficiency standard on walk-in refrigeration condensing



Kolpak is the only walk-in to receive the overall **Best in Class** rating by *Foodservice Equipment and Supplies* magazine – now 7 straight years!

"Green" Foam eliminates CFCs in refrigeration insulation

Kolpak is the leader in converting to "green" foam for panel insulation in its entire walk-in refrigeration line. In early 2004, Kolpak became the first manufacturer in the industry to convert to 100% environmentally-friendly foaming agents in its panel construction. All panels are built using a zero-ozone depleting 245-FA insulation blowing compound, eliminating the harmful impact of other foaming agents and processes.

In addition, the green foam offers higher energy efficiency than comparable insulating foam. With 100% green insulation and many other energy-efficiency features, Kolpak walk-ins can contribute to LEED certification through the US Green Building Council.

AlarmPak™ offers Energy Savings, Food Safety, and Alarms in One Convenient Package



AlarmPak displays, monitors, and alerts for unsafe temperature conditions with visual and audible warnings. It also features a door open alarm and an auto on/off feature for lights, solving the two biggest operating energy wasters – leaving the lights on and the door open!



U.S. Energy Independence Act

Last year, Congress passed the Energy Independence Act of 2007, aimed at reducing energy dependence and curbing global warming pollution. Requirements for 2009 apply to commercial walk-in coolers and freezers under 3,000 square feet and exclude products used exclusively for medical, scientific, or research purposes. Rather than specifying the daily energy consumption of walk-ins by "per unit volume" as efficiency standards for other types of refrigerators and freezers do, the standard specifies that they utilize a variety of efficiency-boosting design elements. 2009 requirements include automatic door closers; R-25 rating for coolers and R-32 rating for freezers for insulation for walls, ceilings, doors; R-28 rating for insulation in freezer floors; EC, PSC or 3-phase condenser fan motors under 1 horsepower; and interior lighting standards.

KOLPAK WALK-IN R-VALUE EFFICIENCY RATING					
	R10	R20	R30	R40	R50
4" PANEL	245-FA URETHANE PANEL / KOLPAK FREEZER				
	245-FA URETHANE PANEL / KOLPAK COOLER				
	POLYSTYRENE PANEL				
5" PANEL	245-FA URETHANE PANEL / KOLPAK FREEZER				
	245-FA URETHANE PANEL / KOLPAK COOLER				
	POLYSTYRENE PANEL				
6" PANEL	245-FA URETHANE PANEL / KOLPAK FREEZER				
	245-FA URETHANE PANEL / KOLPAK COOLER				
	POLYSTYRENE PANEL				

Kolpak exceeds government requirements

Kolpak units are available today with standard and optional features which meet the 2009 Federal Standards. Our 4" panels meet or exceed the 2009 insulation standards while many manufacturers must use 5" panels. Kolpak's 4" panels exceed the 2009 cooler standards with an R-factor rating of R-29, exceeding the R-25 standard and also exceed the 2009 freezer standards with a rating of R-32.1, exceeding the R-32 standard. Kolpak freezer floor panels exceed the R-28 insulation in freezer floors with a rating of R-29. With Kolpak, there is no need to specify a 5" panel to meet the 2009 standards – a major cost savings!



Look for our **EnergyMizer™** symbol on the outside and you can be assured there's energy saving technologies on the inside.