

Manitowoc Foodservice Extends GREEN Initiatives Beyond 2009 Federal Energy Standards

U.S. Energy Independence Act

In 2007, Congress passed the Energy Independence Act, a historical achievement aimed at reducing our energy dependence and curbing global warming pollution. Included in the document were a number of mandates establishing energy saving requirements effective January 1, 2009. Having developed a reputation for innovative technology, Manitowoc Foodservice engineering team designed their refrigeration products to ensure compliance was accomplished long *before* the 2009 deadlines. *But why stop there!* As good corporate citizens, we believe it is our responsibility to carry the fight beyond the '09 requirements...*and we have!*



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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.
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Continuing product improvement may
necessitate change of specifications
without notice.



Industry Leader
in Foodservice Equipment

Above and beyond in 2009



Manitowoc GREEN Technology and Innovation

At the heart of Manitowoc's "green" initiatives are cutting-edge technologies that help reduce energy and water consumption. There are over 200 foodservice equipment models including Manitowoc ice machines, Kolpak walk-ins, and McCall and Koolaire reach-ins that qualify for the EnergyMizer stamp. Simply put, these products meet or exceed 3rd party energy-efficiency criteria – such as ENERGY STAR®, CEE (Consortium for Energy Efficiency), and the CEC (California Energy Commission).



Recycle. Reduce. Re-use.

Throughout the manufacturing process and beyond, careful consideration has been given to environmentally-friendly packaging materials, the use of renewable resources, the reduction in the consumption of non-renewable resources, and the elimination of hazardous materials. Manitowoc has optimized the use of raw materials, reduced the scrap rate, and implemented scrap recycling programs. The recyclability of packaging materials is nearly 100%, and our use of post-consumer materials has increased by 20%. In addition, we have reduced the use of high-impact environmental solvents and other chemicals in the manufacturing process. When it comes to transporting the equipment, the consolidation of freight and intermodal transportation has resulted in a lower fuel demand through more efficient shipping methods.



Assessing our Supply Chain

For Manitowoc Foodservice embracing *green* means that not only do we incorporate *green* into our manufacturing processes and technologies, but also into our everyday business practices. We ask the same of our business partners. We encourage our suppliers to find eco-friendly shipping alternatives, label all recyclable products, conserve water and energy, and reduce air emissions and solid waste.

The pallet system used to ship heavy foodservice equipment is constructed with components, such as wood, that can be recycled or are made of recycled products. To our own packaging, we have added recycling instruction, complete with symbols, so there is no doubt as to what part of the packaging can be recycled.



In addition, whenever print communication is necessary, Manitowoc has committed to using Forest Stewardship Council (FSC) certified papers. The FSC symbol is a quick way to know that the paper that has been chosen has been produced responsibly.



Energy Savings Leadership

- We incorporate environmentally-friendly R404A refrigerant in many of our products
- We use environmentally-friendly Zero- Ozone depleting 245-FA insulation in our walk-in panels
- We have re-designed the shape of the fan blade on our refrigeration units to further the potential for energy savings. The redesign is not subject to regulation but does have a specific energy saving impact

Future Science-based Involvement

Manitowoc Foodservice is involved in monitoring and providing support for future science-based guidelines to further improve energy efficiency, resource conservation and green performance.

- Membership in the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) allows access to and participation in the development of state-of-the-art HVAC&R technology
- We promote the Leadership in Energy and Environmental Design (LEED) Green Building Rating System™ which encourages and accelerates global adoption of sustainable green building and development practices



To learn more about Manitowoc Foodservice award-winning energy saving products go to:
www.manitowocfsg.com