

**HIGHER PROFITS THROUGH  
LOWER ENERGY USAGE.**



Master-Bilt's Energy Saver program highlights many refrigeration products, options and features that reduce your store's electricity usage and add to your bottomline.

Product/Feature	Energy-Saving Function	Where Used
ENERGY STAR® qualification	Cabinet refrigeration systems designed for optimum energy efficiency and may be eligible for rebate programs.	Numerous models
LED lighting	LEDs use less electricity than fluorescent lights with electromagnetic ballasts and introduce less heat into the refrigerated space which reduces the workload on the refrigeration system's compressor. The less the compressor operates, the more energy is saved. LEDs also last up to 50,000 hours.	Standard in numerous cabinets and select walk-ins
MBWA-1 digital alarm/light management system	Door open alarm prevents door from being left open. Optional light management system automatically turns off lights after a programmed interval.	An option on walk-in coolers and freezers
Glass Sentry II	The Glass Sentry II anti-sweat control module is designed to save energy by turning off glass door and frame heaters when no door heat is necessary.	An option on glass door walk-in coolers and freezers
EC motors on fans	Amount of torque and current required to start ECMs is low, making them more efficient. ECMs run cooler, reducing heat load to refrigerated space which makes the compressor run less.	Standard on single phase walk-in evaporator coils and numerous cabinets
4" thick walk-in panels	Standard 4-inch panel with R-32 rating meets federal EISA requirements for freezers and surpasses R-25 requirements for coolers.	Standard thickness on all walk-in coolers and freezers
5" and 6" thick walk-in panels	Thickness of panels produces a higher R-factor and energy efficiency which surpasses federal EISA requirements. 6-inch panels also meet "LEED 2009 for Retail: New Construction and Major Renovations" requirements.	An option on walk-in coolers and freezers
Low energy or energy free standard walk-in entry doors	V-series doors have a PVC thermal break between the door and frame which minimizes heat transfer between the refrigerated space and the outside. Cooler doors don't require anti-sweat heat and freezer doors only require a low wattage heater in the frame.	Standard on walk-in coolers and freezers
Scroll compressors	Up to 20% increase in efficiency vs. reciprocating compressors. Scrolls are also 50% more reliable than reciprocating types.	Optional on walk-in cooler and freezer refrigeration systems and rack systems



See the complete Energy Saver list.



For the latest product information and specifications go to [www.master-bilt.com/products](http://www.master-bilt.com/products).



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Due to continuous product enhancements, we reserve the right to change specifications without notice.  
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## MAXIMIZED REFRIGERATION FOR NEW STORES OR REMODELS

From self-contained glass door merchandisers to walk-in coolers and freezers, Master-Bilt® supplies the right refrigeration for new projects or renovations. Our equipment is designed to be energy-saving, durable and easily installed.

Just a few examples:

- Parallel rack refrigeration systems save 20% or more in energy usage compared to a single compressor unit.
- All cabinets and merchandisers meet or exceed Department of Energy requirements.
- Walk-ins and merchandisers are made to handle heavy day-to-day usage.
- Walk-ins feature cam-lock construction for easy assembly and future expansion as needed.



### WALK-IN COOLERS & FREEZERS

Create a glass door walk-in line-up to match your merchandising needs. Numerous options in finishes, lighting and doors make it easy to coordinate with store design. Add optional gravity-flow shelving for quick and easy shelf re-stocking.



**MASTER CONTROLLER REVERSE CYCLE DEFROST SYSTEM**  
The Master Controller Reverse Cycle Defrost system is an optional electronic controller for Master-Bilt® walk-in cooler and freezer refrigeration systems. It completely removes frost build-up in coils and works much faster than electric defrost heaters. Its patented design also saves up to 27% more energy than an all-mechanical system.



### DISPLAY FREEZERS

Available in a wide variety of sizes and in curved or flat lid, these models are perfect for showcasing ice cream, popsicles and much more. Standard casters make it easy to relocate throughout a store as needed.

### ENDLESS MERCHANDISERS

Endless models can be used as stand-alone units or combined for a continuous line up for as many cooler and/or freezer doors as needed. Choose from remote or self-contained refrigeration systems to suit sales space requirements.



### RACK REFRIGERATION SYSTEMS

Reduce energy usage and in-store noise level with a remote rack refrigeration system. A rack system, typically roof-mounted, supplies refrigeration for inside equipment and usually requires only a single roof penetration point.

### ICE MERCHANDISERS

Satisfy customer demand with efficient, high capacity, highly visible ice merchandisers. This cabinet is designed to integrate with other merchandisers and features heated glass doors to reduce fogging.



### GLASS DOOR MERCHANDISERS

Make the most of sales space and capture more purchases from beverages, frozen food and more with Master-Bilt®'s diverse line of glass door merchandisers.



### OPEN DISPLAY MERCHANDISERS

Offering the ultimate in easy product access, open air merchandisers are available in both high-capacity vertical models and horizontal point-of-purchase units. Vertical models come in heights of 60", 72" and 79" and are ideal for end-of-aisle display.



### COUNTERTOP MERCHANDISERS

Boost impulse sales for beverages and frozen novelties by placing these mobile merchandisers in high traffic areas.

