



TUNE UP YOUR WALK-IN

WITH THE **MB MASTER-BILT**[®] Refrigeration Solutions **RETROFIT PROGRAM**

Just like your car, your walk-in gets less efficient over time and breaks down. Improve efficiency, safety and appearance by replacing worn out doors and refrigeration systems.



Restore Your Door

As a barricade between perishable items and outside temperatures, doors are the most critical part of a walk-in. Over time, numerous openings and closings, dents and scrapes can reduce the performance of a door and place your stored items at risk. Master-Bilt retrofit doors restore your walk-in's ability to hold the cold. They also fit practically any walk-in, even one from another manufacturer.

Strong, Innovative Construction

Master-Bilt's standard V-Series door features a frame of durable vinyl with a heavy 10 gauge steel back-up. A quarter-inch thick steel plate is welded to the frame at hinge locations to prevent sagging during hinge mounting. Cam-lock connectors attached to the frame sides provide a tight fit to surrounding panels. Two standard self-closing, spring-loaded, cam-lift hinges provide an easier, more positive door closure on either right- or left-hand opening doors.

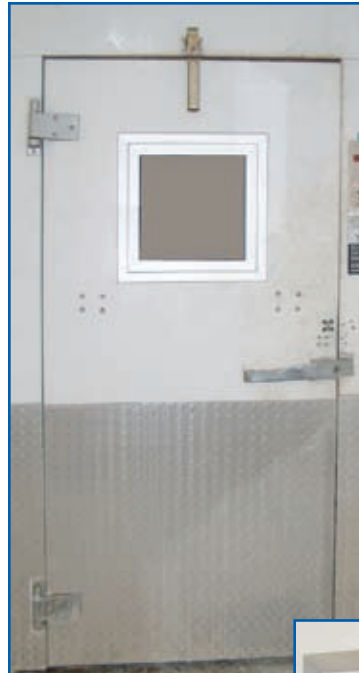
Options & Accessories

- Third hinges
- View windows
- Temperature alarms
- Kick plates
- Strip curtains or vinyl doors
- Interior and exterior floor ramps
- Hypalon light switch covers
- Digital or dial thermometers
- Foot treadle
- Heavy-duty door closure

E-Series Heavy-Duty Door

If desired, Master-Bilt can provide a heavy-duty door with the following additional features:

- A heavy-gauge, Z-shaped structural inner frame with a full length quarter-inch thick steel hinge backing plate
- Inner heater wires lining the perimeter (two wires provided for freezer doors)



Damaged doors like the one at left place stored product at risk.

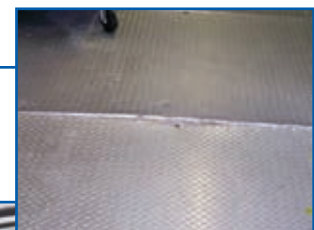


New retrofit doors improve the performance of the walk-in and reduce chance of spoilage.

Fix Up Your Floor

Is your floor delaminating? Is mildew or food spillage between floor seams causing a health hazard? Want to avoid slip-and-fall accidents? If so, Master-Bilt can provide a new floor overlaminates. Our standard .080 textured aluminum finish provides added traction with its raised surface pattern and reduces the potential of slip-and-fall accidents, even in wet conditions. Smooth aluminum and stainless steel finishes are also available.

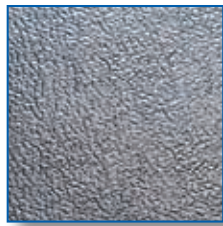
Before



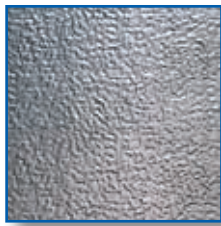
After

Door Finish Options

Below is a representation of the available metal types for doors. Actual color may vary.



Stucco galvalume
(standard finish)



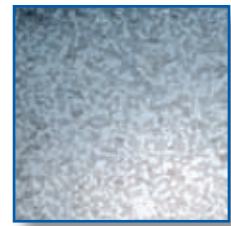
Stucco aluminum



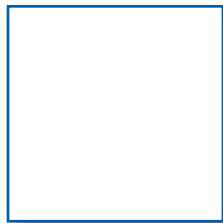
Stainless steel



Stucco stainless
steel



24 gauge
galvanized steel



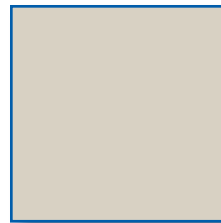
White aluminum
or galvanized steel



White stucco
aluminum or
galvanized steel



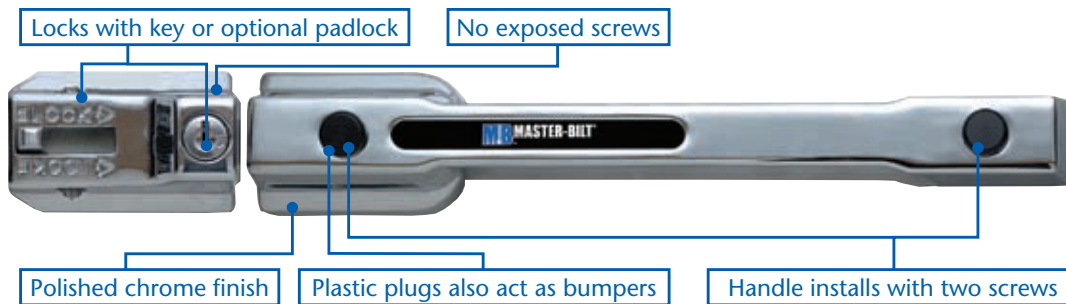
Smooth aluminum



Beige

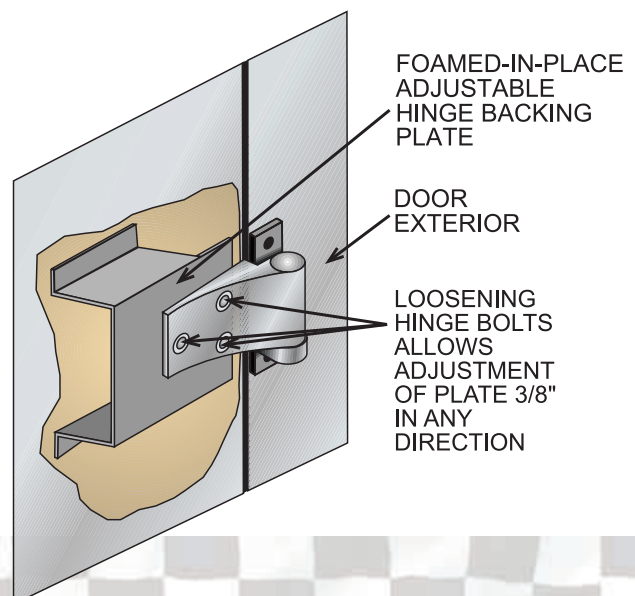


Black Seville
Textured



Master-Bilt's standard deadbolt-locking handle on all walk-ins offers extra security without extra cost.

Unique adjustable hinge backing plates guarantee level door placement during installation and make future adjustments a simple process. All you need to do is loosen the hinge bolts, shim the door on the side and bottom to make it level and tighten the bolts back.



Rev Up Your Refrigeration

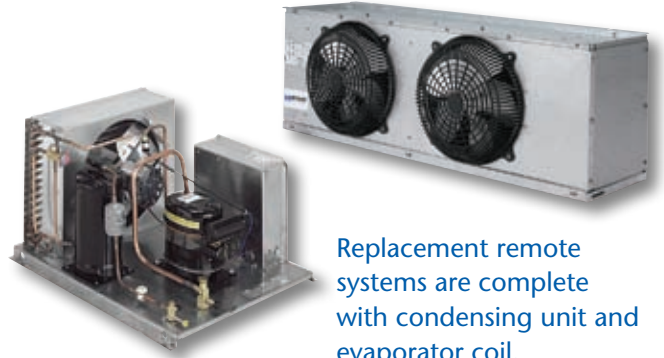
Increase the efficiency of your old refrigeration system with new components or a whole new system. Replacement parts like compressors and evaporator coils are available or Master-Bilt can provide a complete remote or packaged system.

Remote Systems

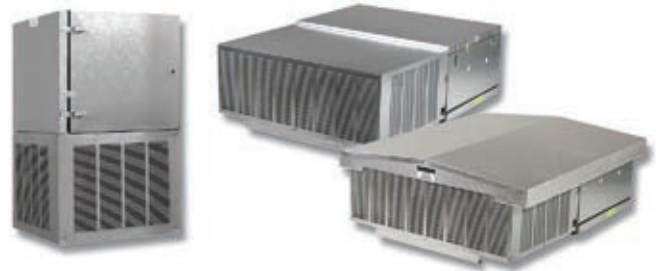
Replacement remote refrigeration systems range from 1/2 to 6 HP and are factory assembled on a galvanized steel angle leg base. Evaporator coils are ready to mount in position and are furnished with either air (off cycle) or electric defrost. Each coil is equipped with a properly sized expansion valve and room thermostat. Electric defrost models feature defrost termination-fan delay controls and drain line heaters.

Packaged Systems

With Master-Bilt packaged systems, both condensing unit and evaporator are housed in one unit. Installation is simple because there's no piping or other components to add. Indoor models have a standard condensate evaporator pan eliminating the need for a drain line. Certain indoor units are equipped with power cords so they can be plugged in.



Replacement remote systems are complete with condensing unit and evaporator coil.



PRS-2 units are available in both indoor and outdoor models and in ceiling or wall mount (left) versions. Outdoor models are standard with a crankcase heater, drainline heater, head master and weather hood.

Mastering Energy Efficiency

The Master Controller Reverse Cycle Defrost (MCRCD) electronic control system, optional on walk-in coolers and freezers, brings a new level of efficiency and reliability to your refrigeration system by replacing certain mechanical parts with solid state electronic components.

Lab tests show that **an MCRCD-equipped system can save up to 27% more energy** over a conventional system depending on the application.

Installation time and labor costs are significantly reduced because all electrical components are factory pre-wired.



Master Controller Reverse Cycle Defrost boards are mounted to evaporator coils.

With each MCRCD system, a control board mounted on the evaporator coil controls an electric expansion valve in response to evaporator superheat and return air temperature.

The patented* Reverse Cycle Defrost method **reduces defrost energy usage up to 80%** over traditional electric defrost heaters.

The MCRCD system's integrated Web2Walk-In application gives users constant access to refrigeration system performance data. This internet-based program can be accessed almost anywhere by computer or Android™-based smartphone.

MCRCD systems can be retrofit on most Master-Bilt M-Series and B-Series remote refrigeration systems as well as MRS and DRS series multi-compressor systems.

*U.S. patent no. 7,073,344



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Due to continuous product enhancements, we reserve the right to change specifications without notice.

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