

WALK-INS & REFRIGERATION SYSTEMS

A Walk-In For Every Need.

WALK-IN SELECTION

QS Series

Indoor and outdoor QS Series coolers and freezers are matched with a self-contained one-piece Capsule Pak™ refrigeration system for simple installation.



Quick Ship

Coolers, freezers and combinations available in unlimited lengths (in 1' increments) with numerous options available.

Ready-Bilt™

Walk-in coolers and freezers that are completely pre-assembled at the factory and ready to set in place at the job site.



Bilt2Spec™

Custom walk-ins designed to fit virtually any size or shape. Numerous options include finishes, refrigeration systems and door accessories.

WALK-IN SELECTION

| Standard Features | QS Series | Quick Ship | Ready-Bilt™ | Bilt2Spec™ |
|--|-----------|------------|--------------|------------|
| Indoor or outdoor models | ✓ | ✓ | Outdoor only | ✓ |
| Cooler or freezer models (+35°F, -10°F) | ✓ | ✓ | ✓ | ✓ |
| Custom temperatures | ⊗ | ✓ | ⊗ | ✓ |
| Combination cooler/freezer models | ⊗ | ✓ | ✓ | ✓ |
| Deadbolt locking handle | ✓ | ✓ | ✓ | ✓ |
| High output low profile LED lighting above door | ✓ | ✓ | ✓ | ✓ |
| Fiberglass reinforced plastic (FRP) threshold | ✓ | ✓ | ✓ | ✓ |
| 26", 30" and 36" wide self-closing door | ✓ | ✓ | ✓ | ✓ |
| Spring actuated door closer | ✓ | ✓ | ✓ | ✓ |
| Heavy-duty adjustable cam-lift hinges | ✓ | ✓ | ✓ | ✓ |
| Digital thermometer | ✓ | ✓ | ✓ | ✓ |
| 15 year panel warranty | ✓ | ✓ | ✓ | ✓ |
| 26 gauge corrosion resistant stucco embossed coated steel on all interior walls and ceilings | ✓ | ✓ | ✓ | ✓ |
| Smooth aluminum interior floor | ✓ | ✓ | ✓ | ✓ |
| Heights: 6'7" & 7'7" with floor, 7'4" less floor | ✓ | ✓ | ✓ | ✓ |
| Additional heights of 8'7" with floor & 8'4" less floor | ✓* | ✓ | ✓ | ✓ |
| Sizes from 4' x 6' to 10' x 14' | ✓ | ✓ | ✓ | ✓ |
| Available in widths of: 6', 7', 8', 9', 10', 11', & 12' | ⊗ | ✓ | ⊗ | ✓ |
| Custom widths, lengths and heights | ⊗ | ⊗ | ✓** | ✓ |
| Unlimited lengths in 1' increments | ⊗ | ✓ | ✓** | ✓ |
| Capsule Pak™ refrigeration system with standard electronic controller | ✓ | ✓ | ✓ | ✓ |
| Capsule Pak flush coil design provides 100% usable interior space | ✓ | ✓ | ✓ | ✓ |
| Automatic condensate vaporizer – No drain line required on indoor units | ✓ | ✓ | ⊗ | ✓ |
| Split-Pak™ pre-assembled remote refrigeration systems | ⊗ | ✓ | ✓ | ✓ |

*8'7" & 8'4" heights available in models up to 8' x 14' size (with restrictions). **Maximum size allowed 10' x 38' x 8'7" due to shipping capacities.

| Options | QS Series | Quick Ship | Ready-Bilt™ | Bilt2Spec™ |
|--|-----------|------------|-------------|------------|
| Kick plates (installed) | ✓ | ✓ | ✓ | ✓ |
| Field adjustable hinges | ✓ | ✓ | ✓ | ✓ |
| Door rain hood (all door widths) | ✓ | ✓ | ✓ | ✓ |
| Interior ramp (30" & 36" wide doors only) | ⊗ | ✓ | ✓ | ✓ |
| Exterior ramp (all door widths) | ✓ | ✓ | ✓ | ✓ |
| Strip curtain (all door widths) | ✓ | ✓ | ✓ | ✓ |
| Shelving | ✓ | ✓ | ✓ | ✓ |
| Additional assorted lighting | ✓ | ✓ | ✓ | ✓ |
| Angle trim and flat trim | ✓ | ✓ | ✓ | ✓ |
| ADT or stainless steel floor overlay kit | ✓ | ✓ | ✓ | ✓ |
| Non-skid floor strips | ✓ | ✓ | ✓ | ✓ |
| Viewport installed in the door section | ⊗ | ✓ | ⊗ | ✓ |
| MBWA-1 high/low digital alarm & light switch | ⊗ | ✓ | ✓ | ✓ |
| Custom sizes L x W x H (manufactured in one-inch increments) | ⊗ | ⊗ | ✓* | ✓ |
| Custom refrigeration (water-cooled, special holding temps) | ⊗ | ⊗ | ✓ | ✓ |
| Closure panels | ⊗ | ⊗ | ✓** | ✓ |
| Secure Guard™ locking system (factory installed) | ⊗ | ⊗ | ✓ | ✓ |
| Third door hinge | ⊗ | ⊗ | ✓ | ✓ |
| Specify any size or shape | ⊗ | ⊗ | ⊗ | ✓ |
| Specify metal finish or custom color | ⊗ | ⊗ | ✓ | ✓ |
| Aluminum diamond tread foamed in floor surface | ⊗ | ⊗ | ✓ | ✓ |
| Plywood floor underlayment | ⊗ | ⊗ | ✓ | ✓ |
| Super floor to handle up to 5000 lbs. psf | ⊗ | ⊗ | ✓ | ✓ |
| Glass doors | ⊗ | ⊗ | ⊗ | ✓ |

*Maximum size allowed 10' x 38' x 8'7" due to shipping capacities. **Shipped loose for field installation.

PANELS THAT PERFORM

Panel Basics

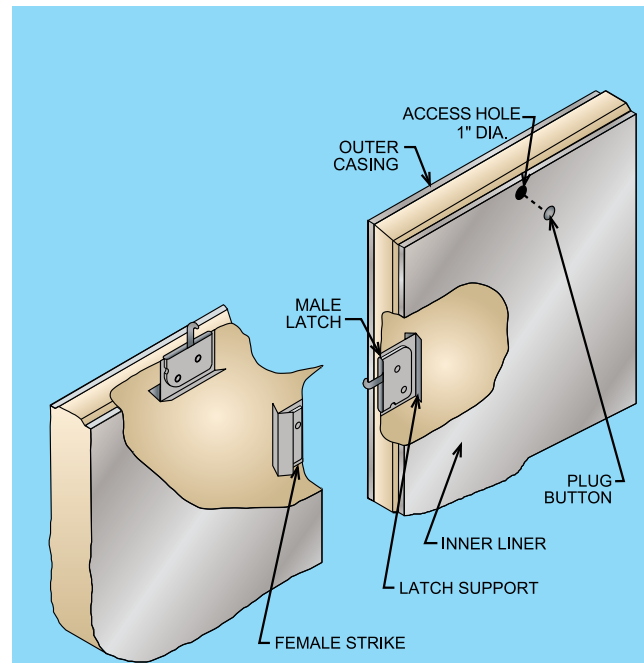
- Standard walk-in panels are four inches thick
- Optional five-inch thickness available
- Standard panel finish is 26 ga. acrylic-coated stucco galvanized steel
- Numerous options in interior and exterior finishes
- Standard floors support 700 pounds per square foot (evenly distributed stationary load)
- Optional plywood-reinforced floors or structural floors recommended for frequent traffic from heavy handcarts, dollies or forklifts

Cam-Lock System

- Provides an accurate, tight fit between panels
- Locks require only a factory-supplied 5/16-inch hex wrench to operate
- Should the walk-in need relocation or expansion, panels can be taken apart as easily as they are assembled

Foamed-In-Place Insulation

- Superior energy efficiency due to polyurethane's greater temperature-retaining properties
- Per DOE requirements, panels are designed and certified for use in walk-in cooler and freezer applications
- Standard four-inch panels with R-32 rating meet federal requirements for freezers and surpass R-25 requirement for coolers. Optional five-inch thickness surpasses both requirements.
- Polyurethane foam permanently adheres to metal panels adding strength and reliability
- Superior moisture resistance due to polyurethane's 97% closed cell content
- Maximum walk-in storage space because polyurethane foam allows for thinner walls
- An environmentally-friendly HFO blend blowing agent with zero ozone depletion potential



Cam-Locking Panels

Should the walk-in need relocation or expansion, panels can be taken apart as easily as they are assembled.



Standard Floors

- .100 aluminum finish with optional finishes available
- Support 700 pounds per square foot (evenly distributed stationary load)

THE DOORWAY TO RELIABILITY

Dependable Construction

- Standard doors are infitting and flush-mounted
- Available in 26", 30" and 36" widths
- Cam-lift hinges are spring-loaded for an easy, reliable closure
- Unique field-adjustable hinge backing plates ensure a proper fit of the door to its opening during installation and also allow for any necessary future adjustments
- Spring-activated door closer and magnetic gasket for a dependable seal
- Adjustable double sweep gasket on bottom of door to remove frost build-up on threshold



Doors can be customized with kickplates and other options to fit your application.



Deadbolt Locking Handle

- Can be independently locked with a key and/or padlock
- Locking mechanism with inside release knob allows for easy exit from walk-in should someone be locked inside
- Entire locking mechanism is on frame portion of door section and will not freeze



LED Lighting

- Uses less energy and lasts up to 50,000 hours vs. 1000 hours for incandescent bulbs
- Mounted at the interior top of the door to provide full illumination
- Minimal heat output reduces cooling costs



Digital Thermometer/ Light Switch

- Conveniently integrated into one component
- Waterproof "elbow-engaged" illuminated light switch allows user to turn on the light easily, even when hands are full
- Digital display is easy to read in all ambient conditions



Durable Hinges

- Field adjustable to compensate for door settling during install or after
- Cam-lift, spring loaded hinges help ensure doors close completely
- Available for either a left- or right-hand opening door

OPTIONS & ACCESSORIES



Structural Flooring

Designed to support an evenly distributed load of 5000 lbs.



Kick Plates

Protect doors and other panels from dents and scratches.



MBWA-1

An all-in-one alarm, thermometer and light management system.



Ramps

Interior and exterior ramps make it easy to enter the walk-in.

Additional Options

- Specify any shape
- Custom sizes L x W x H (manufactured in one-inch increments)
- Specify metal finish or custom color
- Aluminum diamond tread foamed in floor surface
- Plywood floor underlayment
- Third door hinge
- Glass merchandising doors
- Door rain hood (all door widths)
- Viewport installed in the door section
- Strip curtain (all door widths)
- Shelving
- Additional assorted lighting
- Angle trim and flat trim
- ADT or stainless steel floor overlay kit
- Non-skid floor strips
- Custom refrigeration (water-cooled, special holding temps)
- Closure panels



Factory-installed Secure Guard™ locking system offers these advantages:

- Secured access to cooler/freezer
- Ensures door is automatically locked every time
- Ensures door stays shut which saves energy and maintains food temperature
- "Hold back" feature allows keyless entry during peak operating periods with a manager's approval

REFRIGERATION SYSTEMS

Capsule Pak™ Self-Contained Systems

- Condensing unit and evaporator coil in a single housing
- Indoor and outdoor models
- For single rooms or combination walk-in coolers and freezers
- Flush mounted evaporator coil in the walk-in ceiling panel for maximum interior storage space
- Standard 115V cord and plug & pre-charged with refrigerant for simple installation
- Industry leading 18 month parts and labor and five year compressor warranty

Capsule Pak systems are available for indoor (right) and outdoor (below) walk-in coolers and freezers.



R-449A
ECO-FRIENDLY
REFRIGERANT



R-449A
ECO-FRIENDLY
REFRIGERANT

With remote systems, heat produced from the system is released outside without increasing temperatures and air conditioning load inside a building.

Split-Pak™ Remote Systems

- Systems composed of condensing unit and evaporator coil sized to fit requirements
- All condensing unit components are pre-wired and factory assembled on a galvanized steel angle leg base
- Condensing units designed to function in high temperature environments with standard weather hood to protect from the elements
- Evaporator coils are ready to mount in position and are available in air (off cycle) defrost for coolers and electric defrost for freezers

Dedicated medium temp condensing units meet the DOE requirement of a minimum AWEF rating of 5.61 (Btu/W-h) for indoor models and 7.6 for outdoor models.

ELECTRONIC CONTROLLER SYSTEMS

Features & Benefits

- Increase food safety while reducing energy and installation costs
- More precise and reliable temperature control compared to all-mechanical systems
- Two types of controllers:
 - Enviro-Control™ standard on self-contained Capsule Pak™ refrigeration systems
 - Master Controller is standard on remote Split-Pak™ freezer systems 6 H.P. and above and optional on other Split Pak systems
- Energy-saving demand defrost initiates a defrost cycle only when needed for up to 87% reduction in defrost cycles
- Reverse Cycle Defrost option on Split-Pak systems for more complete removal of the ice build-up in evaporator coils



With an optional router you can monitor and control your system from your desktop, smartphone or tablet.

ADDITIONAL SERVICES

Factory-Certified Installation

Master-Bilt's staff of specialists are ready to help install your walk-in. With a network of certified service agents and installers across the United States and Canada, we guarantee all walk-ins and installations throughout the life of the warranty. We will take care of everything related to your walk-in from shipment to start-up, so you can concentrate on your business.

Repair & Refurbishment Program

Make your walk-in like new again with a replacement door, floor or refrigeration system.

- Surface-mount replacement doors fit practically any walk-in cooler or freezer, even one from another manufacturer.
- If your floor finish is peeling away from the insulation or mildew between floor seams is causing a health hazard, we can help with a new floor overlaminate or replacement floor
- Let us replace your existing refrigeration system with a new, more efficient model

Contact us today for more information on these services.

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