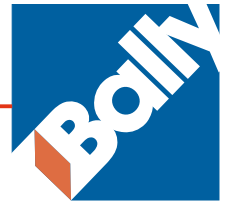


2 DOORS



DOORS

DEPEND ON BALLY FOR LONG LIFE AND RELIABLE SERVICE

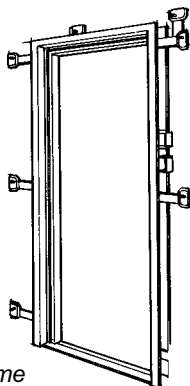
It's the only moving part of your walk-in or refrigerated building, so it had better be built right. Otherwise it won't stand up to the rough treatment it's bound to get. To keep its doors swinging freely and sealing tightly for years. Bally starts with the toughest frame in the business. This reinforced U-channel steel frame with thermal breaker is built into every Bally entrance door panel. That's one big reason why our doors don't twist or sag.

Important as this frame is, it's just the bare bones of a first-class door. Our doors use the same proven construction that goes into our panels – rigid urethane foamed-in-place and securely bonded to metal skins for tremendous structural strength. The durability of this construction eliminates the need for structural members, and the result is an exceptionally lightweight door.

Bally doors include fingertip-touch openers with lock sets. A magnetic gasket provides snug seal.

Heater wires concealed in the perimeter of Bally door jambs prevent the formation of condensation or frost.

Bally offers a wide selection of sizes and models – detailed on the following pages – to make sure you get the door that works best in your application.



Bally door frame



DOORS

CONSTRUCTION FEATURES - STANDARD HINGED DOORS



Interior view 36"-wide door opening

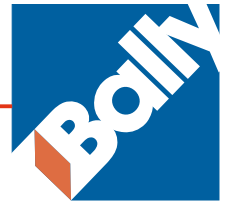
Pictured are 36"-wide door openings in 46"-wide panels



Exterior view 36"-wide door opening

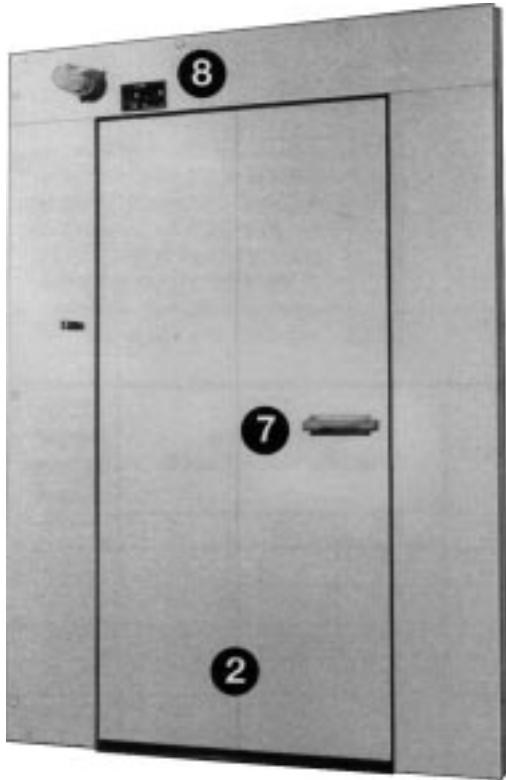
1. Satin, polished aluminum or chrome-finish hinges with zinc-plated steel pins and Delrin bushings are cam-action, spring-loaded, self-closing type. Supplied with protective plastic caps.
2. Inside and outside doorcaps are die-formed. Available in all standard finishes.
3. Magnetic gasket of soft compression plastic with magnetic core keeps door tightly sealed.
4. Toggle switch with pilot light for vapor-proof, 75-watt interior light.
5. Latch opens door with light touch; includes key lock; also available with special provision for padlocking. Finish matches hinges.
6. Heater wires are concealed around perimeter of door frame to prevent formation of condensate or frost.
7. Dual wiper-type gasket at bottom of door provides tight seal.
8. Door closer.
9. Urethane insulation, foamed-in-place, 4", 5" or 6" thickness.
10. Inside safety release. Positive protection from being locked inside.
11. Serial number tag. Always refer to this number when ordering parts for your Bally structure.
12. Built-in, flush-face, dial type thermometer.

2 DOORS

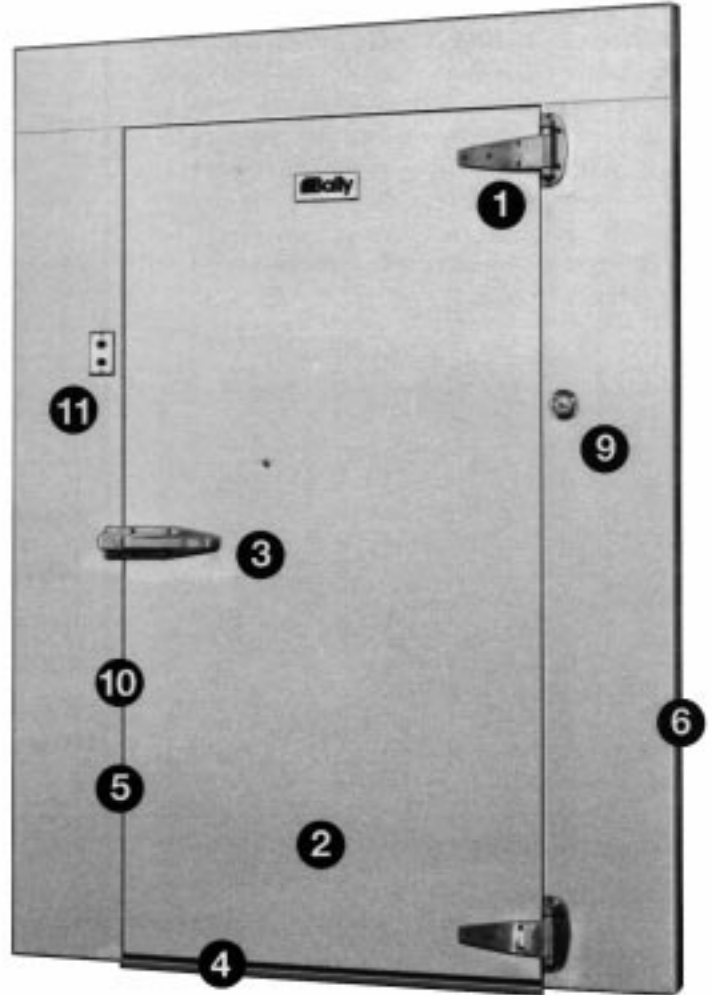


DOORS – CONTINUED

CONSTRUCTION FEATURES - STANDARD 42", 48" AND 60"-WIDE DOORS



Interior view



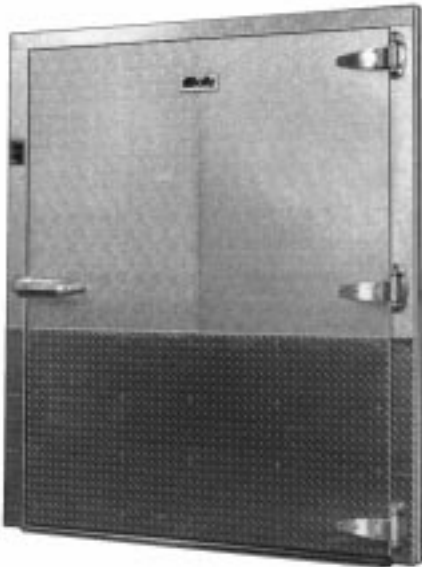
Exterior view

1. Strap-type hinges available in satin or polished aluminum. Also in cast metal with chrome finish.
2. Inside and outside doorcaps are die-formed. Available in all standard finishes.
3. Positive door latch.
4. Dual wiper-type gasket at bottom of door provides tight seal.
5. Heater wires are concealed around perimeter of door frame to prevent formation of condensate or frost.
6. Urethane insulation, foamed-in-place, 4", 5" or 6" thickness.
7. Inside safety release. Positive protection from being locked inside.
8. Serial number tag. Always refer to this number when ordering parts for your Bally structure.
9. Built-in, flush-face, dial type thermometer (60' doors in 69" – wide panels do not include mounted thermometer, which is shipped separately and must be mounted in adjacent panels).
10. Magnetic gasket of soft compression plastic with magnetic core keeps door tightly sealed.
11. Toggle switch with pilot light for vapor-proof, 75-watt interior.

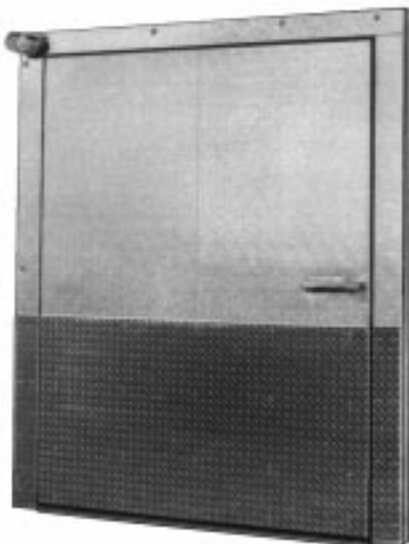
DOORS – CONTINUED

Super Doors

Buy a Bally super door for your most rugged application. These hinged doors are shielded inside and outside by aluminum diamond – plate kick and bump sections. Super doors will take hard use with little or no damage – especially appropriate in high-traffic locations. They're available in all standard sizes, and are equipped with the same hinges that would be supplied on a standard door of like size. Available with optional observation windows.

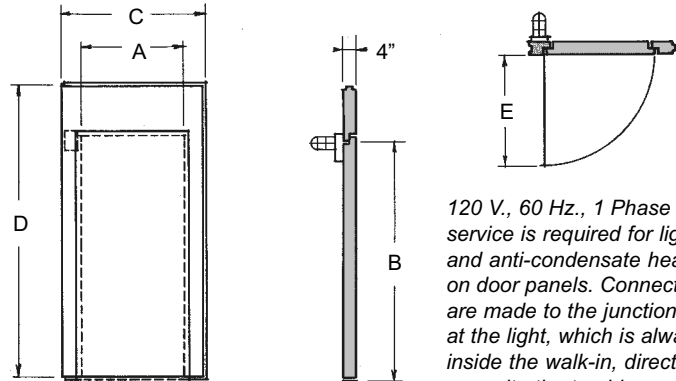


Exterior view



Interior view

Dimensional Data for Standard and Super Hinged Entrance Door Panels



120 V., 60 Hz., 1 Phase service is required for lights and anti-condensate heaters on door panels. Connections are made to the junction box at the light, which is always inside the walk-in, directly opposite the top hinge.

Height of Walk-in	Door Opening		Door Panels Used W/Floor Panels			Total Amps* W/75W Light Bulb
	A	B	C†	D	E	
7'6"	2'6"	6'6"	3'10"	6'10"	3'1"	3.14
	2'6"	6'6"	5'9"	6'10"	3'1"	3.14
	3'0"	6'6"	3'10"	6'10"	3'7"	3.56
	3'0"	6'6"	5'9"	6'10"	3'7"	3.56
	3'6"	6'6"	5'9"	6'10"	4'1"	3.35
	4'0"	6'6"	5'9"	6'10"	4'7"	3.18
8'6"	5'0"	6'6"	5'9"	6'10"	5'6"	3.94
	2'6"	6'6"	3'10"	7'10"	3'1"	3.14
	2'6"	6'6"	5'9"	7'10"	3'1"	3.14
	2'6"	7'0"	3'10"	7'10"	3'1"	3.65
	2'6"	7'0"	5'9"	7'10"	3'1"	3.65
	3'0"	6'6"	3'10"	7'10"	3'7"	3.56
	3'0"	6'6"	5'9"	7'10"	3'7"	3.56
	3'0"	7'0"	3'10"	7'10"	3'7"	3.46
	3'0"	7'0"	5'9"	7'10"	3'7"	3.46
	3'6"	6'6"	5'9"	7'10"	4'1"	3.35
	3'6"	7'0"	5'9"	7'10"	4'1"	3.26
	4'0"	6'6"	5'9"	7'10"	4'7"	3.18
	4'0"	7'0"	5'9"	7'10"	4'7"	4.24
5'0"	7'0"	5'9"	7'10"	5'6"	3.85	

* Total amps include anti-condensate heaters and one 75-watt bulb

† 4'9-1/2" door panel available for 30", 36", 42" and 48" door openings requiring special locations (consult factory for details). For 6'6" walk-ins, 5'6" high door openings can be supplied. Partition door panels, when used with floor panels, are identical to exterior door panels except that the stepplate is flush. For walk-ins higher than 8'6", an additional filler wall is used above an 8'6" high door panel. 220 v. available, call factory for electrical requirements.

DOORS - CONTINUED

STANDARD FEATURES

Built-in Thermometer – A flush face, dial-type thermometer is mounted with each 30", 36", 42" and 48" wide entrance door. It provides dual temperature readings in a range from -60°F (-50°C) to 80°F (30°C). 60" doors do not include mounted thermometer, which is shipped separately and must be mounted in adjacent panels.



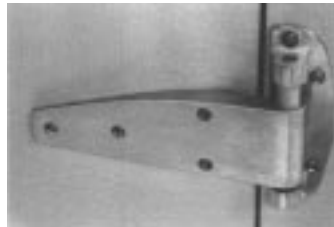
Inside Safety Release – All door locks are connected to a safety release mounted inside the walk-in. Anyone locked in can turn this handle for immediate release. (Safety release with push handle is supplied on 42", 48" and 60" doors.)



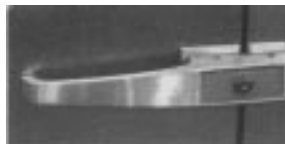
Self-closing Hinges (for 30" and 36" – wide Doors) – Bally cam-action, spring-loaded hinges are built to close the door and last for years. Satin, polished aluminum or chrome finishes are available, with zinc-plated steel pins, Delrin bushings and protective plastic caps.



Strap Hinges (for 42", 48" and 60" – wide Doors) – These heavy-duty strap-type hinges, available in satin aluminum, bright-finish aluminum, or cast metal with chrome finish, give the extra support bigger doors need. Three are supplied with each door.



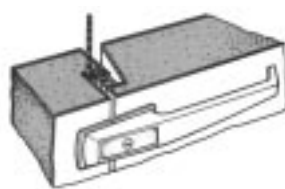
Door Latch (for 30" and 36" – wide Doors) – Bally's touch latch opener makes it easy to pass through our standard doors. The latch includes a key lock. Choose the finish that matches the hinges.



Positive Door Latch (for 42", 48" and 60" –wide Doors) –Sturdy latches are built rugged for use with bigger doors. They're available in finishes that match the hinges.



Door Heater Circuit – A heating circuit mounted in the door jamb prevents moisture buildup in coolers, frost in freezers.



OPTIONS

Observation Window



Users may specify a 14-1/2" x 24" observation window in their entrance door. It is made of unbreakable tempered glass, and electrically heated to eliminate condensation (115 V., .87 amps).

Pressure Relief Port



Pressure relief ports are required on all freezer applications. The ports illustrated above, in door panels, allow a change in air pressure inside the building to equalize with air pressure on the outside. The differential in air pressure results from temperature changes that occur when the entrance door has been opened and closed, or immediately following coil defrost. Without the port, wall or ceiling panels could be seriously damaged. (Port shown above is for walk-ins less than 400-sq. ft. in floor area. See Section 4 – Accessories for more information on pressure relief ports.)

DOORS – CONTINUED

OPTIONS – CONTINUED

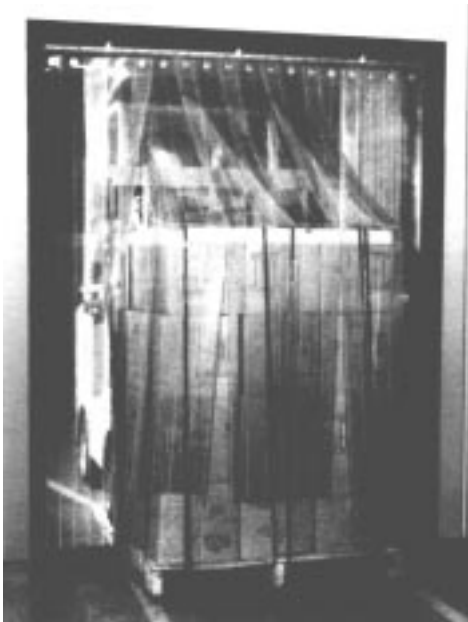
Digital Thermometers and Alarms

Digital thermometers may be selected in place of the standard dial type. Also available are electronic temperature alarms. Protect stored goods with any of several types, including digital varieties.

Each incorporates a visual signal and sounds an alarm when temperatures rise above acceptable limits. For indoor applications only.



Strip Curtains



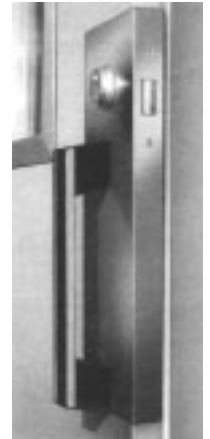
Bally's NSF-approved vinyl strip curtains are an efficient option for heavily used installations. The curtains permit workers to pass through easily while minimizing air infiltration and resulting temperature loss.

The curtains are made of USDA-approved, polyester reinforced, clear vinyl strips, eight inches wide with rounded edges. The strips may be used in applications with temperatures as low as -20°F. Bally strip curtains require little or no maintenance, provide good visibility, and make efficient use of space since there is no door swing to consider.

Strip curtains may be installed with hinged entrance doors in 30", 36", 42", 48" and 60"-widths, or with manual sliding doors in 36", 48" and 60" –widths and the 6' x 8' size.

Mortise Lock

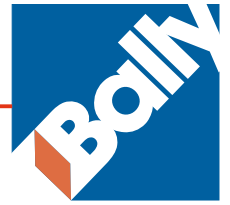
Bally's mortise dead-bolt lock offers security against pilferage, burglary or tampering. This sturdy lock can be installed in doors of any standard width. A safety release is mounted on the inside of the door cap to prevent entrapment of personnel. As an added measure of security, 3/8" stainless steel pins engage the door frame on the hinged side, making the finished installation highly resistant to break-in, even if door hinges are removed.



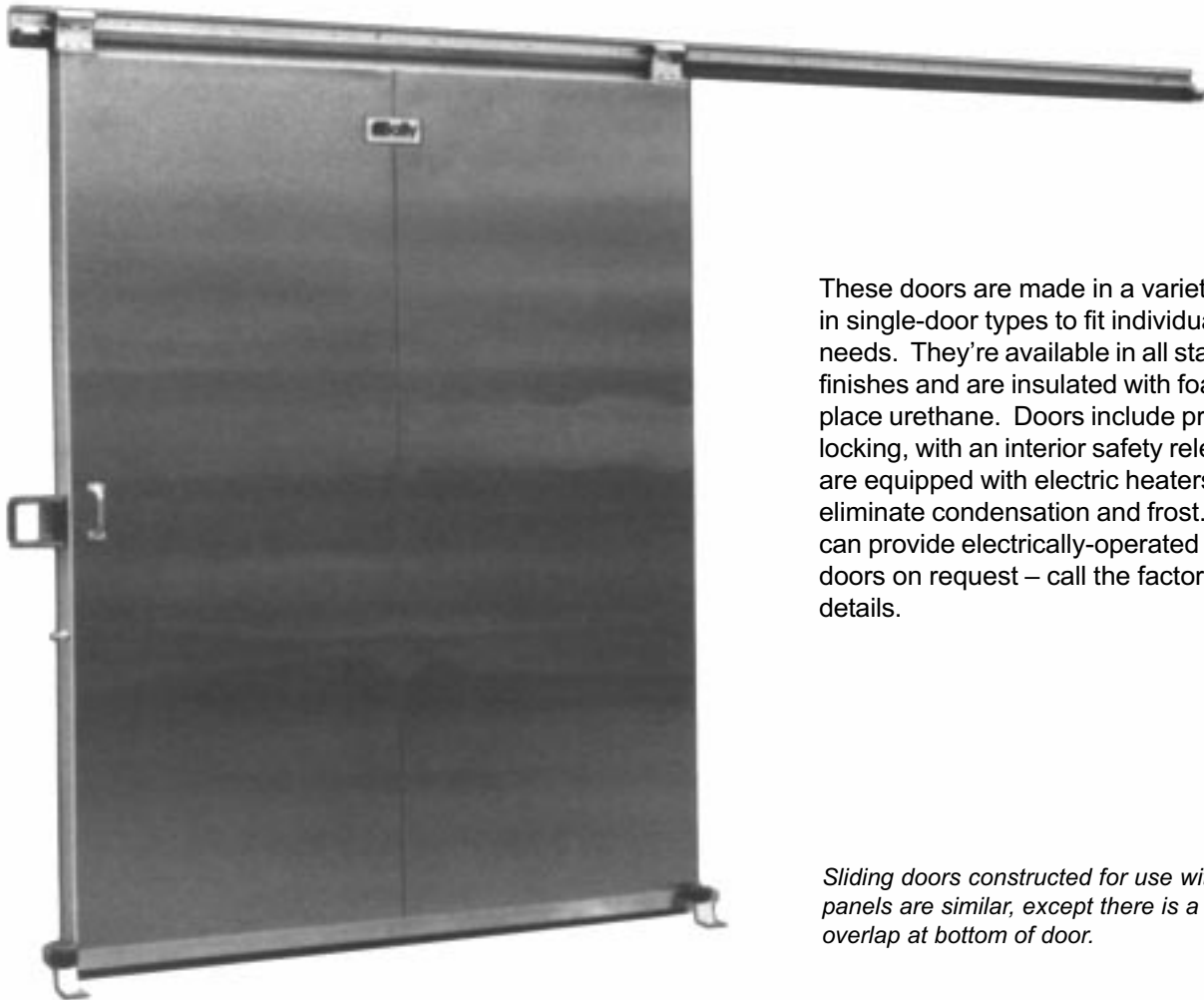
Locking Bars

Locking bars are available for all Bally hinged entrance doors. The bars protect against theft – especially for outdoor installations. Even if hinges are removed, the bar prevents opening the door.

2 DOORS



DOORS – CONTINUED MANUAL SLIDING ENTRANCE DOORS



These doors are made in a variety of sizes in single-door types to fit individual user needs. They're available in all standard Bally finishes and are insulated with foamed-in-place urethane. Doors include provisions for locking, with an interior safety release. They are equipped with electric heaters to eliminate condensation and frost. Bally also can provide electrically-operated sliding doors on request – call the factory for further details.

Sliding doors constructed for use with floor panels are similar, except there is a 1-7/8" overlap at bottom of door.

DOORS – CONTINUED
ADAPT-A-DOOR™
VERSATILE RETROFIT/REPLACEMENT DOOR



The versatile Bally Adapt-A-Door puts an end to problems with replacement and retrofitting of doors for walk-ins and refrigerated buildings. Choose from three varieties that make it easy to replace a worn-out, broken or ill-fitting door in any walk-in or refrigerated building. Or use the door for the easiest way to install a new door wherever you need it.

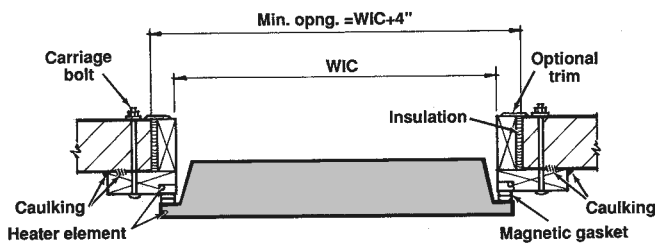
No matter what the application, Bally's Adapt-A-Door fits. You can use it with Bally panels – or with virtually any other panels. You can even cut this outstanding door into an ordinary masonry wall. In most replacement situations, it's better than the original equipment.

Any way you use it, the Bally Adapt-A-Door will swing freely and seal tightly for years. It's attractive, yet rugged. It's supported by heavy-duty hinges and comes with a durable latch assembly.

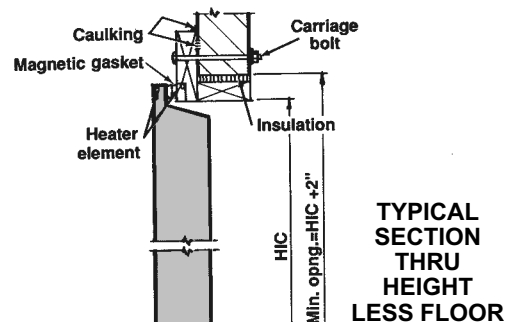
The same super-insulating poured-foam urethane that insulates every Bally panel is foamed into the Adapt-A-Door. Like all our products, it meets all current ozone protection standards. And it's easy to install – anywhere you need it.

Standard Adapt-A-Door Widths, Heights and Finishes

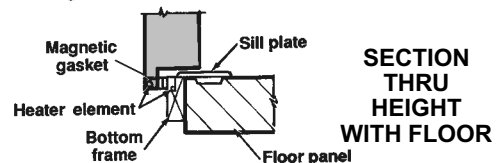
- Finishes – Embossed Galvalume, embossed white, stucco aluminum stainless steel
- Heights – 66" through 84"
- Now available in 30", 36", 42", 48" and 60" widths



TYPICAL SECTION THRU WIDTH



TYPICAL SECTION THRU HEIGHT LESS FLOOR



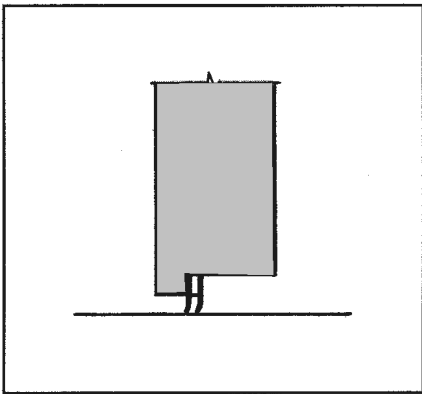
SECTION THRU HEIGHT WITH FLOOR

(See next page for further details)

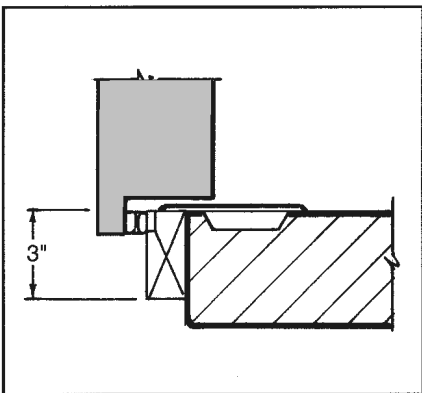
DOORS – CONTINUED ADAPT-A-DOOR™ - CONTINUED

Choose the Right Style

- Coolers without floors – Use Style 1
- Freezers without floors – Use Style 2
- Coolers with floors – Use Style 3
- Freezers with floors – Use Style 3
- Walk-ins with depressions or doors in partition walls – Use Style 1 or 2



Typical style 1 or style 2 sill

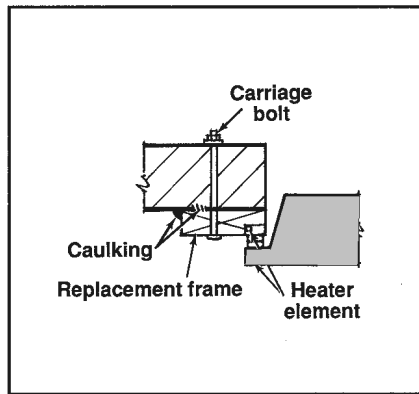


Typical style 3 sill

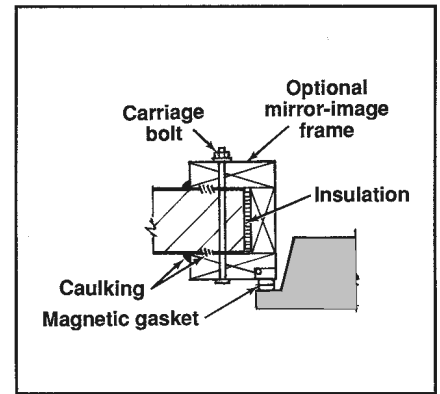
Choose the Right Jamb

Type A Jamb – This type is supplied with a front-face frame only. Use it when replacing an existing door, or anywhere the existing wall provides adequate frame support.

Type B Jamb – This type is supplied with front frame and 4" thick inside jamb. Use it to cut in a new door where none existed before, or when the existing frame is inadequately supported.



Type A jamb detail



Type B jamb detail

Options that Work for You

Mirror-image Frames – Use these frames on any style door to provide good looks and additional support to the inner side of the door opening.

C-capping – Use this to trim the opening around new cut-in doors or when replacing existing doors.

Diamond Tread Facing – Rugged protection for inside and outside door surfaces.

Inside Trim Strips – Use these strips in place of mirror image frames to trim the inner surface on applications with Type B jambs.

Z-trim – Use with Type B jambs only in applications with walls thicker than 4".

Locking Bar – Provides top security in any application.

Observation Window – For a clear interior view.

DOORS – CONTINUED

DOUBLE SWING CART COOLER DOORS

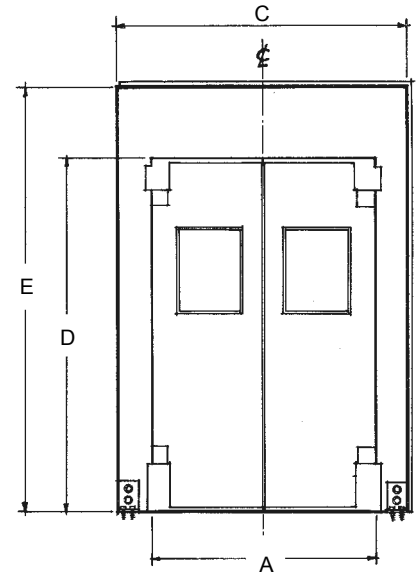
Double-leaf cart doors are an excellent choice when product is moved with pallet jacks, cargo carts or hand trucks.

Built into panels constructed much like standard hinged entrance door panels, they can be used as the sole entrance. Door skins are one-piece, inseparable, high-impact, polyethylene shells with NSF-approved textured surfaces. Cores are of high-density urethane, foamed-in-place. Door leaves are gasketed on both sides, top and bottom. Recessed polycarbonate windows exceed OSHA minimums. Hinges have flexible seals. V-cams and bottom hinges are self-lubricating. Heater wires beneath jambs prevent condensation. Optional bumpers are available.

The card doors are adjustable vertically and horizontally. They can be used with Bally floor panels or with built-in-floors.



Dimensions

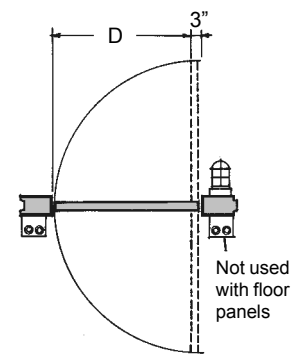


FRONT VIEW

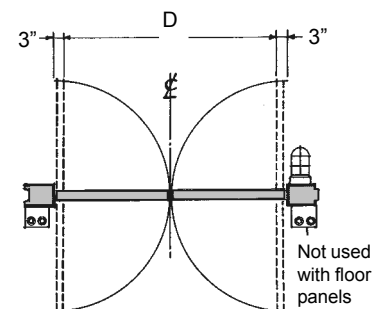
Height of Walk-in	Door Opening		C	D	E	Total Amps ^{††}
	A	B				
7'6"	2'6" *	6'6"	3'10" or 5'9"	2'3"	6'10"	1.6
	3'0" *	6'6"	3'10" or 5'9"	2'9"	6'10"	2.52
	4'0" **	6'6"	5'9"	3'6" †	6'10"	1.9
	5'0" ***	6'6"	5'9"	4'6"	6'10"	2.74
8'6"	2'6" *	6'6"	3'10" or 5'9"	2'3"	7'10"	1.59
	3'6" *	6'6"	3'10" or 5'9"	2'9"	7'10"	2.52
	4'6" **	6'6"	5'9"	3'6" †	7'10"	1.9
	5'6" ***	6'6"	5'9"	4'6"	7'10"	2.74
	2'6" *	7'0"	3'10" or 5'9"	2'3"	7'10"	1.56
	3'0" *	7'0"	3'10" or 5'9"	2'9"	7'10"	2.38
	4'0" **	7'0"	5'9"	3'6" †	7'10"	1.84
	5'0" ***	7'0"	5'9"	4'6"	7'10"	2.6
6'0" ***	7'0"	6'8-1/2"	5'6"	7'10"	2.19	
9'6"	6'0" ***	8'0"	6'8 1/2"	5'6"	8'10"	3.13

These doors can be installed on walk-ins and refrigerated buildings higher than those shown here, by installing filler panels above the doors.

- * Single-leaf type only.
- ** Single- or double-leaf type only.
- *** Double-leaf type only.
- † Add 3" if single-leaf type.
- †† Includes heater and 75-watt bulb



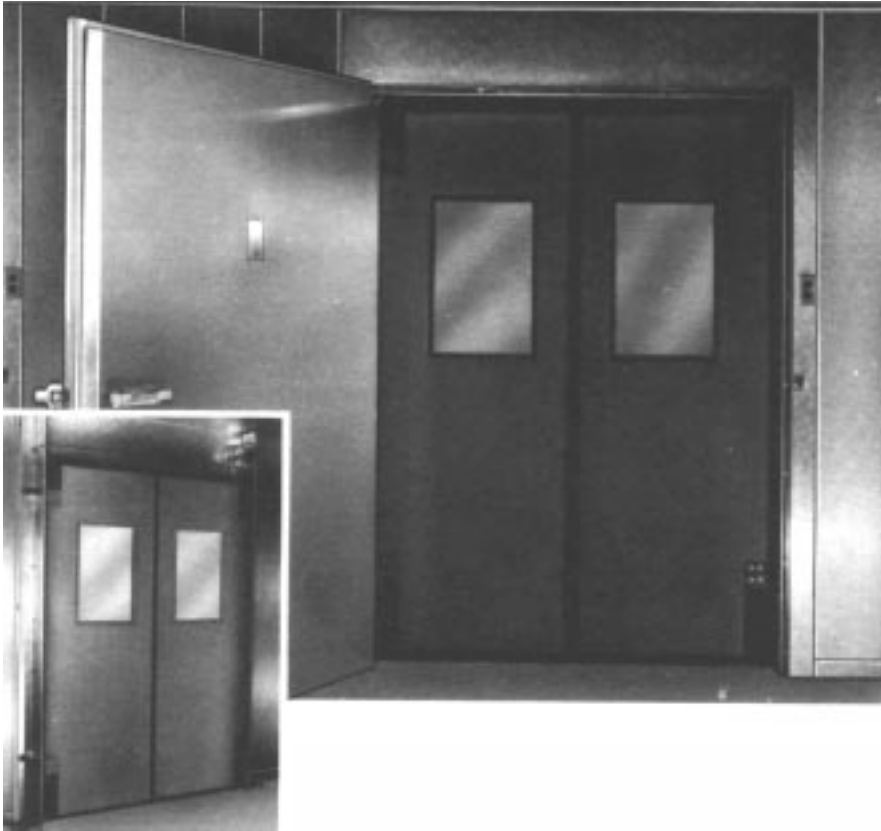
SINGLE LEAF MODELS



DOUBLE LEAF MODELS

SECTION THRU WIDTH

DOORS – CONTINUED DOUBLE SWING CART FREEZER DOORS

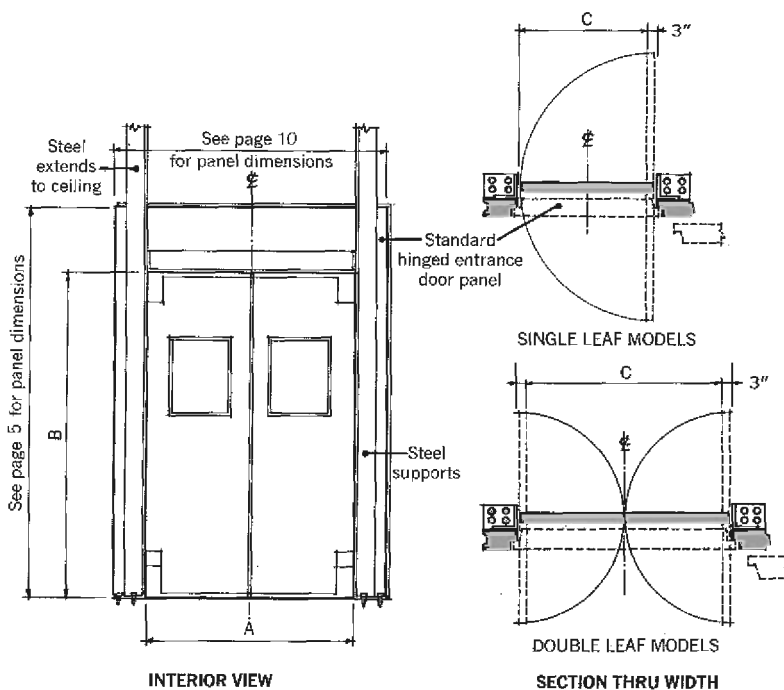


with supporting steel frame as shown in photo at left.

These doors may be used in tandem with other Bally hinged entrance doors to minimize the entry of heat when main doors must be kept open during periods of heavy traffic. The doors are made to withstand punishing use from pallet jacks, cargo carts or hand trucks. They are available in single – or double leaf models (see chart below).

They are mounted on sturdy steel frames designed for easy field installation. Door skins are one-piece, high-impact polyethylene with NSF-approved textured surfaces. Cores are of high-density urethane, foamed-in-place. Door leaves are gasketed on both sides, top and bottom. Recessed polycarbonate windows exceed OSHA minimums. Hinges have flexible seals. V-cams and bottom hinges are self-lubricating. All hardware is plated or anodized. Optional bumpers are available.

The cart doors, which may be installed with Bally doors on units operating at temperatures as low as -40°F, are adjustable vertically and horizontally. They can be used with Bally floor panels or with built-in floors.



Door Opening		
A	B	C
2'6" *	6'6"	2'3"
2'6" *	7'0"	2'3"
2'10" *	6'6"	2'7"
2'10" *	7'0"	2'7"
3'0" *	6'6"	2'9"
3'0" *	7'0"	2'9"
4'0" **	6'6"	3'6"
4'0" **	7'0"	3'6"
5'0" ***	6'6"	4'6" †
5'0" ***	7'0"	4'6" †
6'0" ***	6'6"	5'6"
6'0" ***	7'0"	5'6"
6'0" ***	8'0"	5'6"

* Available only in single-leaf.

** Available in single- or double-leaf.

*** Available only in double-leaf.

† Add 3" if single-leaf

DOORS – CONTINUED

HINGED GLASS DISPLAY DOORS

Full-height hinged glass display doors stimulate impulse buying and boost sales dramatically. Door frames are narrow and glass area is large to provide maximum display. Openings are wide to make self-service easy. Doors are glazed with multiple glass units with air spaces between.

Hinged glass display doors are available for cooler or freezer applications. Low temperature doors have built-in heaters to eliminate condensation. All doors can be installed with left-hand or right-hand swings and are available with locks for extra security. (Please consult factory for your particular project needs.)

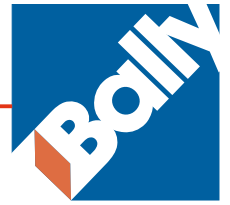


SLIDING GLASS DISPLAY DOORS

It's easy to equip walk-ins for self-service use by installing sliding glass display doors. Multi-glass units with insulating air spaces between panes are mounted in narrow aluminum frames to provide maximum serviceability. Two sizes of doors are available, with two doors in each set. Sliding doors are available for medium temperature use only and in multiples of two only.



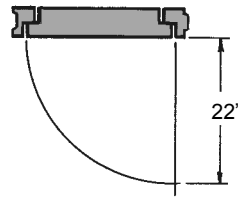
2 DOORS



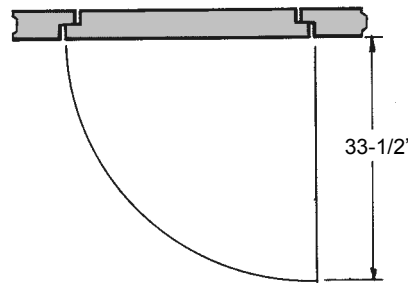
DOORS – CONTINUED

HINGED REACH-IN SERVICE DOORS

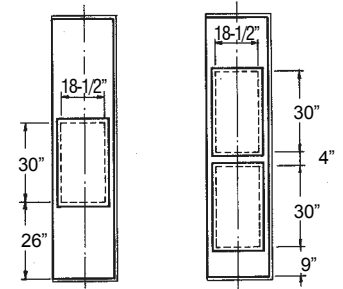
Convenient reach-in doors are made in two sizes – 18 1/2" x 30" openings in 23" wide panels and 30" x 30" openings in 46" wide panels. Sill heights are 26" for single doors and 9" for panels with two doors.



Section view
18-1/2"-wide doors

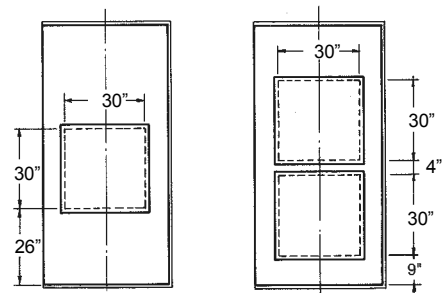


Section view
30"-wide doors



ONE DOOR IN 23" WIDE PANEL TWO DOORS IN 23" WIDE PANEL

Elevation views
18-1/2" x 30" doors



ONE DOOR IN 46" WIDE PANEL TWO DOORS IN 46" WIDE PANEL

Elevation views
30" x 30" doors

120 V., 60 Hz., 1 Phase service is required all anti-condensate heaters. 18 1/2" x 30" doors draw .6 amps for low temperature use, 30" x 30" doors draw .68 amps for low temperature use.