Cold Storage Doors.
For Varied Applications.
Leer retrofit and replacement doors are designed and constructed to fit most every application and brand of cold storage units. These easy-to-install doors are ideal for replacement or new opening requirements and are constructed to the same stringent standards as our original cold storage doors.

**STANDARD FEATURES:**
- Pre-hung in jamb frame
- 26-guage, stucco-embossed steel
- 4”, Class 1, urethane-insulated door
- Heavy-duty, chrome-brushed hardware
- Spring loaded cam-lift hinges
- Lockable latch and safety release handle
- Magnetic door gasket and double-sweep gasket
- Replaceable, anti-condensate heat wire (freezer only)
- Constructed for cooler or freezer application
- Door closer (2)

**OPTIONAL FEATURES:**
- Door Only (1)
- Vision Window (3)
- Cylinder Lock (4)
- Kickplate (5)
- Pilfer-Proof Hardware (6)
- Door Canopy (not shown)
- Flush Safety Release Handle (not shown)
- Jamb and/or Interior Face Trim (not shown)
**Construction**

Leer infitting doors are completely assembled and pre-hung at the factory. We check all door hardware to assure it is functioning correctly. After the doors are completely inspected, we crate and ship them with installation instructions, plus drawings and hardware for optional requirements.

### STANDARD JAMB-TYPE FRAME

- 5-1/2”
- 3/8”
- 18” W x 24” H
- 24” W x 24” H
- 24” W x 36” H
- 30” W x 78” H
- 36” W x 78” H
- 36” W x 84” H
- 42” W x 78” H
- 42” W x 84” H
- 48” W x 78” H
- 48” W x 84” H

### STANDARD FACE-TYPE FRAME

- 5-1/2”
- 3/8”
- 36” W x 78” H
- 40” W x 80” H
- 40” W x 86” H
- 46” W x 80” H
- 46” W x 86” H
- 52” W x 80” H
- 52” W x 86” H

### STANDARD DOOR DIMENSIONS

<table>
<thead>
<tr>
<th>Actual Door Opening</th>
<th>Rough/Buck Opening</th>
<th>Door Swing Radius</th>
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<tbody>
<tr>
<td>18” W x 24” H</td>
<td>22” W x 28” H</td>
<td>25”</td>
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<tr>
<td>24” W x 24” H</td>
<td>28” W x 28” H</td>
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<td>24” W x 36” H</td>
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<td>30” W x 78” H</td>
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**GENERAL**

Doors shall be designed and constructed for accurate installation, proper alignment and ease in operation. They shall be in-fitting and overlap on frame.

Standard Door Construction:
A. Doors shall consist of two formed metal sheets separated by and bonded to foamed-in-place urethane insulation and reinforced framing to form a rigid door.
B. Each door shall be equipped with magnetic gasket around perimeter of door. It shall form an air-tight seal, be resistant on water, oil, sunlight and be easily replaced.
C. An adjustable, double-blade, rubber sweep gasket shall be on bottom edge of door.

Insulation
Door thickness shall be 4”, Class I, rigid, foamed-in-place urethane insulation with a minimum density of 22 pounds per cubic foot and a 97% closed cell structure.

- **R** value (material resistance to heat) 30.0
- **K** factor (thermal conductivity) .135
- **U** factor (co-efficient of heat transfer) .035

Metal Finish
26-gauge, stucco-embossed steel (galvanized) shall be used on the interior and exterior of the door and frame. Optional finishes available:
- .040, stucco-embossed aluminum
- 26-gauge, stucco white, pre-painted steel
- 24-gauge galvalume used for spec. paint
- 22-gauge, stainless steel type 304 No. 4 finish

Other gauges, finishes and material available upon request.

Door Hardware
A. Hinges for door size 30” x 78” through 48” x 84” shall be heavy-duty, cam-lift with chrome-brushed, die-cast metal. Third hinge installed on doors 48” wide and larger and is optional on smaller doors.
B. Latches for all door sizes shall be chrome-brushed, die-cast metal, have provision and padlock and have an inside safety release handle.

Door Jamb
A. Jamb shall be made of kiln-dried wood that is sealed and covered with metal to match door unless otherwise specified.
B. All standard door jambs shall be fitted with a 115-volt, anti-condesate heat wire. A metal strip shall conceal heat-wire.
C. All standard door widths shall have stainless steel threshold.

D. Standard Opening Sizes:
   - 30” x 78”
   - 36” x 78”
   - 36” x 84”
   - 42” x 78”
   - 42” x 84”
   - 48” x 78”
   - 48” x 84”

Reach-in Doors
A. Construction shall be same as standard door (2A and B).
B. Insulation shall be same type and thickness as used in standard door.
C. Metal finish shall be same as used on standard door.
D. Door Hinges and latch shall be same as used on standard door (5A and B)
E. Door Jamb shall be same as standard door (6A and B)
F. Standard opening sizes: 24” x 36”, 24” x 24”, 18” x 24”. Other sizes available upon request.

Installation
Instructions door assembly shall be supplied for all doors. A tube of vapor-proof sealant shall be provided; when necessary, drawings and hardware shall be included for optional requirements.

**OPTIONS**

Door in Face Frame
When door jamb is not required, a face frame only shall be made to mount door. Construction shall be same as door jamb (6A).

Door Plug
When no framing is required and installation is directly to jamb opening, a door plug shall be made and constructed with or without hardware as required.

Door Canopy
Recommended for doors installed outdoors to keep rain, sleet, and snow away from door gasket. Canopy shall be same material and finish as the door.

Door Closer
To assure door will be completely closed whenever it is left ajar, a hydraulic, chrome-plated door closer shall be installed on door sizes 30” x 78” through 48” x 84”.

Vision Window
To provide visibility through door, a 14” x 14” triple-pane, tempered safety glass vision window shall be installed in door. A heated glass window shall be installed for freezer applications. Window shall be mounted in center of door at eye level and easily replaced.

Locking Bar
For use when extra security is required. A steel bar prevents door from being opened even if door hardware is removed. An interior safety release shall be included.

Cylinder Lock Latch
When required, a latch with cylinder lock shall be installed and furnished with two keys.

Kickplates
To protect interior and/or exterior of doors, 16-gauge stainless steel or 1/8” shiny brite diamond aluminum tread plate shall be installed 3’ high for protection from excessive bumping of carts or hand trucks.

Pilfer-Proof Hardware
For security when required, pilfer-proof attachment screws shall be installed with hinges and latch with special tool included.

Flush Release Handle
For use when standard safety handle may be obstructive, a flush safety release shall be installed.

Jamb Trim and Interior Face Trim
To provide an interior finished door installation, jamb and interior face trim shall match interior door finish and be made to cover existing jamb wall material.

Warranty
Leer warrants original purchaser that doors are free of defects in material and workmanship for a period of one year. Original components (hardware, electrical and options) are warranted against defects in material and workmanship for a period of one year. See terms of sale and warranty for complete information.

Material and product improvement is a continuous commitment for the Engineering Department at Leer, Inc. These specifications are subject to modification and/or change without notice.

Leer, Inc  •  206 Leer Street, Box 206, New Lisbon, WI 53950  •  800.766.5337  •  leerinc.com

MADE IN THE USA

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