



WOOD RAIL WALK-INS



**Trusted Partner in
Temperature-Controlled
Storage Solutions**





ABOUT LEER

Through decades of commitment to product development, customer service and a relentless focus on American-made manufacturing excellence, Leer has continued to shape and drive innovation in the temperature-controlled storage industry. We're dedicated to the success of all our customers – be that customers of our iconic white Ice Merchandisers, Ice Vending Machines, Refrigerated Transports, Reach-In Storage Freezers, or our custom-built Walk-In Coolers & Freezers.

We'd be honored to earn your business and become your trusted partner in temperature-controlled storage solutions. When you buy from Leer, you're not just buying our products but a commitment from all of us and that's a promise to be with you every degree of the way. We're confident our products provide a value that cannot be beaten.

OUR MISSION

- To be your trusted partner in temperature-controlled storage solutions.
- To partner with our customers to design and develop the highest quality, innovative, temperature-controlled storage solutions to meet their ever-changing needs.
- To provide our customers exceptional quality and outstanding customer service at every stage of every interaction.
- To train and support all employee owners to produce products they can proudly label Made-In-The-USA.
- To promote safe and healthy work practices and environments that benefit all.

OUR VISION

We will exceed the highest expectations of our customers, employee owners, partners, shareholders and community by continually delivering the best possible American-made products. We're with you every *degree* of the way.

WE VALUE

- Building Trust
- Wowing Customers
- Constantly Improving
- Working Together
- Embracing Ownership

WHEN YOU BUY FROM LEER

- You have our lifetime support – we're with you every degree of the way.
- We're dedicated to delivering our products right the first time, right every time.
- Our products are intelligent-by-design because we know every degree matters.
- We're 100% employee owned – those employee owners make a distinctive difference because you have the commitment of not just one owner, but hundreds of owners.
- We have decades of commitment to product development and customer service with a relentless focus on manufacturing quality from America's heartland.

WE BELIEVE

- All stakeholders are valuable partners in delivering our vision and executing our mission, and are invested in doing both.
- In best intentions at all times, and taking a commonsense and practical path to address differences.

OUR FAMILY

We're a proud member of Dexter Apache Holdings, Inc. (dexterapache.com), a leading 100% employee-owned company with diverse business interests in the manufacturing, distribution, financial services and mission critical technology industries.

INDUSTRIES WE SERVE

FOODSERVICE

RESTAURANTS / BARS
SCHOOLS

HEALTHCARE

FOODSERVICE
MORTUARIES
PHARMACEUTICAL / LABS

INDUSTRIAL

FOOD PROCESSING FACILITIES
SHELTERS

PACKAGED ICE

ICE MANUFACTURERS
RETAIL

RETAIL

CONVENIENCE STORES
GROCERY STORES
LIQUOR STORES

SCIENTIFIC

SCIENTIFIC CABINETS
SCIENTIFIC WALK-INS

SPECIALTY

BREWERIES / WINERIES
CAMPGROUNDS / RV PARKS
MARINAS / PARKS / BEACHES
/ DOCKS
RENTALS / EVENTS / FAIRS



PANEL FEATURES



CEILING TO WALL PANEL ASSEMBLY

Leer's standard ceiling is an in-fitting lag-down ceiling. The top of our wall panel features an assembly made up of a plywood skirt and a lateral board. The outside metal is continuous to the top of the plywood skirt. When installing the ceiling, the ceiling panels sit on the board surface and are concealed by the skirting of the top assembly - we refer to this as an in-fitting ceiling. Together the infitting and lag-down ceiling provides many benefits. Lag-down ceilings make installation easier by concealing the outer edge of the ceiling panels with the skirting. With a single vertical seam, the aesthetics improve, installation time is saved, and fewer seams means fewer opportunities for the outside elements to get in. This is especially important for outdoor applications. Our floors are also in-fitting provide very similar benefits.



BOTTOM ASSEMBLY OF WALL PANELS

Leer custom builds the wall-to-screed assemblies for floorless models. We provide a 1-1/2" treated piece of lumber that is to be secured to the concrete floor. We then use two 3" tall by 5/8" wide pieces of plywood connected by a wood member to make up our bottom assembly which is framed onto our wall panels. The bottom assembly plywood creates a 1-1/2" pocket at the bottom of the wall panel that is designed to sit over the treated wood which was anchored to the concrete floor. When the panel is placed onto the concrete floor's 1-1/2" treated screed, this extra assembly will help secure a firm and stable foundation for the Walk-In unit.

VIDEO LIBRARY

leerinc.com/video-library



VIDEO LIBRARY LEERINC.COM/VIDEO-LIBRARY

For a full overview and breakdown of Leer's Wood Rail-Walk-In construction, features and benefits, please visit our complete Video Library.

GENERAL PRODUCT SPECIFICATIONS

PANEL CONSTRUCTION

The panels consist of interior and exterior metal clad surface precisely formed with steel dies and roll form equipment and thoroughly checked for uniformity and accuracy. The insulation is foamed-in-place polyurethane, and when completely heat cured is bonded to the metal skins and forms a rigid polyurethane insulate panel. Standard Cooler panels for are 4" and standard Freezer panels, for applications 32°F and below are 5 ½". To provide structural strength and rigidity, Wood Rail panels have wood perimeters.

INSULATION

Class 1, rigid, foamed-in-place, non-CFC urethane with a minimum density of 2.2 pounds per cubic foot. Our panels exceed all minimum requirements of the of the U.S. Department of Energy for R-Values (25 for Coolers & 32 for Freezers), U-Values (0.040 for Coolers & 0.031 for Freezers), K-Factor (0.140 for Coolers & 0.125 for Freezers), and have passed the ASTM E-84 test for surface burn characteristics. Standard Cooler panels are 4" and standard Freezer panels for applications from 32°F to -10°F are 5.5".

PANEL FINISH

Exterior and interior surfaces of standard ceiling and sidewall panels are 26-gauge, acrylic coated, embossed galvanized steel.

FLOOR CONSTRUCTION

When a floor is required, panels are 4 5/8" thick, constructed with 4" of insulation and covered with 5/8" underlayment with .050 smooth aluminum. The floor is rated for a uniformly distributed load up to 800 pounds per square foot. For heavier load applications, a Super Floor, with additional reinforcement and a 2nd layer of underlayment, is available.

WALK-IN DOORS

The standard door (34"x78") is an overlap design unless otherwise specified. All doors 42" in width or less are designed to be self-closing using a brushed chrome positive seal latch with keyed cylinder lock and strike plate. The door and frame are of similar construction and finish as the wall panels. The standard door frame consists of either a wood or high-density rail perimeter onto which the interior and exterior metal skins are secured, creating a thermal break between metal facings. Each freezer door has anti-condensate heater wires concealed behind the exterior skin, and a second wire in the door frame. The heater wires are accessible should a need for service arise. Applications of over 32°F do not require a heated door or frame. A digital thermometer is provided for the opening side of the frame. The thermometer is accurate to plus/minus 1°F and is NSF Certified.

CAM-ACTION LOCKING FASTENERS/SECTION GASKETING

Cam-action locking devices are precisely positioned in the panels to insure a positive joint. The locking devices consist of cam-action rotating locking arms in the tongue edge. The locking arms engage a steel rod which is firmly anchored in the groove edge. This action draws all joints tightly together for excellent strength and a tight seal. Locking of standard panels is performed from the interior of the walk-in by means of a provided hex wrench. The hex wrench holes are covered with a plastic plug button upon completion of the installation.

DOOR HARDWARE

The standard door hinges are a spring-loaded, cam-lift design and have a brushed chrome finish. The hinges have steel pins with nylon bushings. The hinges have a minimum 9" strap and are installed in sufficient numbers to carry the weight of the door. The standard door latch is constructed of similar materials and of the same finish as the door hinges. The latch is designed to open the door easily with an inside safety release feature that complies with OSHA standards. A safety release sign is affixed to the inside of the door section that clearly explains proper instructions for the safe exit from the cooler or freezer, even if the door has been locked or padlocked on the outside.

DOOR GASKETS

The door gasket is a vinyl material with a concealed magnet which adheres to the metal on the door frame. The gasket design allows for quick and easy replacement in the event the gasket becomes damaged.

LIGHTING

Each entrance door is provided with a vapor-proof light fixture for mounting on the interior door frame. The fixture has a shatter-proof globe. A digital thermometer is provided for the exterior strike side of the door frame. The door frame and door plug are UL listed. All electrical components are shipped loose and UL listed. The vapor-proof light fixture is capable of accepting up to a 60 watt bulb. We recommend LED lighting for an energy efficient alternative. (Bulb not included)

INSTALLATION INSTRUCTIONS

A complete set of instructions and an assembly drawing are included with each order to aid with installation.



FLOOR PANELS

FLOOR	Cooler	Freezer
Construction Details		
Tongue & Groove Rail:	Wood Rail	Wood Rail
Adjoining Style:	Cam-Action Locking Fasteners	Cam-Action Locking Fasteners
Insulation:	Class 1, CFC- and HFC-Free Polyurethane	Class 1, CFC- and HFC-Free Polyurethane
Insulation Density (lbs per ft³):	2.2	2.2
Insulation Type:	Foamed-In-Place	Foamed-In-Place
Gasket:	Pre-Gasketed	Pre-Gasketed
NSF Coving:	Yes	Yes
Panel Dimensions		
Standard Thickness (Inches):	4 5/8	4 5/8
Maximum Length (Inches):	144	144
Maximum Width (Inches):	47	47
Weight Load Capacities		
Standard (lbs per ft²):	800	800
Custom 'Super Floor' (lbs per ft²):	1500	1500
Additional Underlayment/Overlayment:	Yes	Yes
Static vs. Live Load Capacities:	Contact Leer Inc.	Contact Leer Inc.
Panel Finishes		
Standard:	.050 Smooth Aluminum	.050 Smooth Aluminum
Custom:	Upon Request	Upon Request
Available Types		
With Floor:	Yes	Yes
Without Floor (Vinyl Screed):	Yes	Yes
Without Floor (Wood Screed):	Yes	Yes
Without Floor (Flat Bottom):	Yes	Yes
Without Floor (Z-Angle):	No	No

CEILING PANELS

CEILING	Cooler	Freezer
CONSTRUCTION DETAILS		
Tongue & Groove Rail:	Wood Rail	Wood Rail
Adjoining Style:	Cam-Action Locking Fasteners	Cam-Action Locking Fasteners
Insulation:	Class 1, CFC- and HFC-Free Polyurethane	Class 1, CFC- and HFC-Free Polyurethane
Insulation Density (lbs per ft³):	2.2	2.2
Insulation Type:	Foamed-In-Place	Foamed-In-Place
Gasket:	Pre-Gasketed	Pre-Gasketed
PANEL DIMENSIONS		
Standard Thickness (Inches):	4	5 ½
Maximum Length (Inches):	208	208
Maximum Width (Inches):	47	47
Outdoor Dimensions	Contact Leer Inc.	Contact Leer Inc.
WEIGHT LOAD CAPACITIES		
Capacities:	Contact Leer Inc.	Contact Leer Inc.
Structural Steel Support:	Upon Request	Upon Request
Ceiling Hanger Support:	Upon Request	Upon Request
PANEL FINISHES		
Standard:	<ul style="list-style-type: none"> 26-Gauge, Acrylic Coated, Embossed, Galvanized Steel 	<ul style="list-style-type: none"> 26-Gauge, Acrylic Coated, Embossed, Galvanized Steel
Stock:	<ul style="list-style-type: none"> 26-Gauge, Black or White, Stucco-Embossed, Galvanized Steel 26-Gauge, Natural, Stucco-Embossed, Galvanized, Aluminum .032, White or Natural, Stucco-Embossed, Aluminum 	<ul style="list-style-type: none"> 26-Gauge, Black or White, Stucco-Embossed, Galvanized Steel 26-Gauge, Natural, Stucco-Embossed, Galvanized, Aluminum .032, White or Natural, Stucco-Embossed, Aluminum
Custom (May Extend Lead Time):	Upon Request	Upon Request
AVAILABLE TYPES		
Cam Down:	Yes	Yes
Lag Down:	Yes (In-Fitting)	Yes (In-Fitting)



WALL & CORNER PANELS

WALL	Cooler	Freezer
Construction Details		
Tongue & Groove Rail:	Wood Rail	Wood Rail
Adjoining Style:	Cam-Action Locking Fasteners	Cam-Action Locking Fasteners
Insulation:	Class 1, CFC- and HFC-Free Polyurethane	Class 1, CFC- and HFC-Free Polyurethane
Insulation Density (lbs per ft³):	2.2	2.2
Insulation Type:	Foamed-In-Place	Foamed-In-Place
Gasket:	Pre-Gasketed	Pre-Gasketed
Maximum Cam Lock Distance (Inches):	62	62
Panel Dimensions		
Standard Thickness (Inches):	4	5 ½
Maximum Length (Inches):	196	196
Maximum Width (Inches):	47	47
Panel Finishes		
Standard:	<ul style="list-style-type: none"> 26-Gauge, Acrylic Coated, Embossed, Galvanized Steel 	<ul style="list-style-type: none"> 26-Gauge, Acrylic Coated, Embossed, Galvanized Steel
Stock:	<ul style="list-style-type: none"> 26-Gauge, Black or White, Stucco-Embossed, Galvanized Steel 26-Gauge, Natural, Stucco-Embossed, Galvanized, Aluminum .032, White or Natural, Stucco-Embossed, Aluminum 	<ul style="list-style-type: none"> 26-Gauge, Black or White, Stucco-Embossed, Galvanized Steel 26-Gauge, Natural, Stucco-Embossed, Galvanized, Aluminum .032, White or Natural, Stucco-Embossed, Aluminum
Custom (May Extend Lead Time):	Upon Request	Upon Request

CORNER	Cooler	Freezer
Construction Details		
Tongue & Groove Rail:	Wood Rail	Wood Rail
Corners:	1-Piece Corner	1-Piece Corner
Adjoining Style:	Cam-Action Locking Fasteners	Cam-Action Locking Fasteners
Insulation:	Class 1, CFC- and HFC-Free Polyurethane	Class 1, CFC- and HFC-Free Polyurethane
Insulation Density (lbs per ft³):	2.2	2.2
Insulation Type:	Foamed-In-Place	Foamed-In-Place
Gasket:	Pre-Gasketed	Pre-Gasketed

SERVICE DOORS	Cooler	Freezer
CONSTRUCTION DETAILS		
In-Fitting Flush Mounted:	Upon Request	Upon Request
Overlap	Yes	Yes
Structural Frame Material:	Wood Frame	Wood Frame
Pre-Hung:	Yes	Yes
Insulation:	Class 1, CFC- and HFC-Free Polyurethane	Class 1, CFC- and HFC-Free Polyurethane
Insulation Density (lbs per ft ³):	2.2	2.2
Insulation Type:	Foamed-In-Place	Foamed-In-Place
Gasket Material:	Vinyl (With Magnet)	Vinyl (With Magnet)
Gasket:	Pre-Gasketed	Pre-Gasketed
Heated:	Upon Request	Upon Request
PANEL DIMENSIONS		
Standard Thickness (Inches):	4	5 ½
Standard Height (Inches):	78	78
Standard Width (Inches):	34	34
Custom Dimensions:	Upon Request	Upon Request
PANEL FINISHES		
Standard:	<ul style="list-style-type: none"> 26-Gauge, Acrylic Coated, Embossed, Galvanized Steel 	<ul style="list-style-type: none"> 26-Gauge, Acrylic Coated, Embossed, Galvanized Steel
Stock:	<ul style="list-style-type: none"> 26-Gauge, Black or White, Stucco-Embossed, Galvanized Steel 26-Gauge, Natural, Stucco-Embossed, Galvanized, Aluminum .032, White or Natural, Stucco-Embossed, Aluminum 	<ul style="list-style-type: none"> 26-Gauge, Black or White, Stucco-Embossed, Galvanized Steel 26-Gauge, Natural, Stucco-Embossed, Galvanized, Aluminum .032, White or Natural, Stucco-Embossed, Aluminum
Custom (May Extend Lead Time):	Upon Request	Upon Request
AVAILABLE TYPES		
Service Doors:	Yes	Yes
Specialty Doors:	Upon Request	Upon Request
HARDWARE		
Door Closer:	Hydraulic, Chrome-Plated	Hydraulic, Chrome-Plated
Door Latch:	Key Lock, Brushed-Chrome	Key Lock, Brushed-Chrome
Safety Release:	Yes	Yes
Door Hinges:	Cam-Lift, Spring-Loaded Self-Closing, Brushed-Chrome	Cam-Lift, Spring-Loaded Self-Closing, Brushed-Chrome
Pressure Release Vent:	N/A	Yes
Sweep Gasket:	Heavy Neoprene, Steel Brackets	Heavy Neoprene, Steel Brackets
Digital Thermometer:	Yes	Yes
Dial Thermometer:	Upon Request	Upon Request
Light Switch:	Included with Thermometer	Included with Thermometer
Light Fixture (Bulb Not Included):	Vapor-Proof, Shatter-Proof Fixture	Vapor-Proof, Shatter-Proof Fixture



REFRIGERATION & ACCESSORIES

POPULAR ACCESSORIES AVAILABLE UPON REQUEST:

- LED Lights
- Fluorescent Lights
- Kick Plate
- Strip Curtain
- Vision Windows
- Shelving/Racking
- Trim/Closure Panel
- Door Drip Cap
- Corner Guard
- Locking Bar
- Bumper Rails
- Membrane Roof Cap
- Reinforced Floor
- Reinforced Wall Backing
- Internal Ramp
- External Ramp
- Alarm System Options

REFRIGERATION	Cooler	Freezer
Manufacturing Partner:	Heatcraft Worldwide Refrigeration	Heatcraft Worldwide Refrigeration
Drop-In:	Upon Request	Upon Request
Remote:	Upon Request	Upon Request

WALK-IN REPLACEMENT DOORS

REPLACEMENT DOOR		COOLER & FREEZER	
CONSTRUCTION DETAILS			
Overlap:	Yes		
Structural Frame Material:	Wood Frame		
Frame Type:	Jamb or Face		
Pre-Hung:	Yes		
Insulation:	Class 1, CFC- and HFC-Free Polyurethane		
Insulation Density (lbs per ft³):	2.2		
Insulation Type:	Foamed-In-Place		
Gasket:	Vinyl (With Magnet)		
Heated:	Upon Request		
PANEL DIMENSIONS			
Standard Thickness (Inches):	4 ¼		
Standard Height (Inches):	78		
Standard Width (Inches):	36		
Custom Dimensions:	Upon Request		
PANEL FINISHES			
Standard:	<ul style="list-style-type: none">26-Gauge, Acrylic Coated, Embossed, Galvanized Steel		
Stock:	<ul style="list-style-type: none">26-Gauge, Black, White, Almond or Gray, Stucco-Embossed, Galvanized Steel18- or 20- Gauge, White or Natural, Stucco or Smooth, Aluminum24- or 26- Gauge, White, Smooth, Aluminum22-Gauge, Natural, 304 or 316L, Stainless Steel		
Custom (May Extend Lead Time):	Upon Request		
AVAILABLE TYPES			
Service Doors:	Yes		
Specialty Doors:	Upon Request		
HARDWARE			
Door Closer:	Hydraulic, Chrome-Plated		
Door Latch:	Key Lock, Brushed-Chrome		
Safety Release:	Yes		
Door Hinges:	Cam-Lift, Spring-Loaded Self-Closing, Brushed-Chrome		
Sweep Gasket:	Double Blade, Rubber		
Digital Thermometer:	Upon Request		
Dial Thermometer:	Upon Request		
Light Switch:	Upon Request		
Light Fixture (Bulb Not Included):	Upon Request		
Kick Plate:	Upon Request		
Vision Windows:	Upon Request		
Door Drip Cap:	Upon Request		



CERTIFICATIONS & WARRANTY

Department of
Energy: DOE
Compliant



Note: Both Walk-In
Panels and Walk-
In Doors are DOE
Compliant.

NSF International:
NSF Listed



Underwriters
Laboratories: UL
Classified - Panels



Note: Surface Burning
Characteristics of
Building Materials and
Fire Test of Interior Finish
Material Classified.

Underwriters
Laboratories: UL
Listed - Doors



Note: Commercial
Refrigerators and
Freezers Listed.

Underwriters
Laboratories of
Canada: ULC Listed
- Doors



Note: Refrigeration
Equipment Listed.
*Wood Rail Only.

International Energy
Conservation
Code - Energy
Independence And
Security Act:
EISA Compliant



State Of Wisconsin
Department
Of Safety And
Professional
Services: State
Of Wisconsin
Approved



State Of Oregon
Building Codes
Division: State Of
Oregon Approved



City Of Houston
Building Inspection
Division: City Of
Houston Certified



City Of Chicago
Department Of
Buildings: City Of
Chicago Compliant



Note: Pressure Release
Valves for units being
shipped into the City
of Chicago must be
requested.

California Prop 65
Compliant



California Air
Resources Board:
CARB Compliant



Note: CARB Complaint
units must be
requested.

PANEL WARRANTY

10 YEARS

COMPRESSOR WARRANTY

REMOTE REFRIGERATION: 1 YEAR
DROP-IN REFRIGERATION: 2 YEARS

LABOR WARRANTY

30 DAYS

Extended Compressor and Labor Warranties Available

We want to be your trusted partner in temperature-controlled storage solutions and make your buying process as smooth as possible.

A DEDICATED TEAM OF EMPLOYEE-OWNERS READY TO ASSIST YOU

If you have any questions regarding our products, we welcome you to contact us! We're with you every degree of the way and always ready and happy to assist! Feel free to call, email, or fill out our contact us form!

Visit Us:

leerinc.com

Call Us:

(800) 766-5337

Email Us:

sales@leerinc.com

Fill out the Contact Us Form:

leerinc.com/contact-us

MANUFACTURERS REP PARTNERSHIPS

Visit leerinc.com/how-to-buy/how-to-buy-walk-ins/ to locate a Leer Walk-In Representative near you!

LEER INC. QUICK QUOTE PROGRAM – WOOD RAIL WALK-INS

The purpose of developing this program is to provide you and your customers with immediate pricing information, enabling you to quickly proceed with your project budgeting. Leer Inc. offers 50 Walk-In sizes available for immediate pricing. Walk-Ins ranging from 6' x 6' up to 10' X 20', with heights starting at 7'6" and a maximum of 8'. Configurations include Coolers and Freezer and with or without floors. Quick Quote is also available for our standard Remote Refrigeration options. Contact your Leer representative for pricing!



LEER PRODUCTS



REFRIGERATED REACH-IN STORAGE

For Restaurant, C-Store, and business owners alike looking to maximize their revenue generating space, Leer's Refrigerated Reach-In Storage units offer a versatile solution to their storage needs by offering customized weatherproof units that feature small footprints but large capacities.



REFRIGERATED TRANSPORTS & TRUCK BODIES

Leer's Transports & Truck Bodies utilize the same quality materials and construction as our Merchandisers, but are designed to fit your on-the-go needs be that on a trailer or in the bed of your truck. Temperatures can be optimized as a Cooler, Freezer, or for Ice.



ICE MERCHANDISERS

For ice manufacturers, retail store owners, and special sites alike, Leer is the industry leader in innovation, quality, lead-time and reliability across our lineup of customizable indoor, outdoor, international and specialty Ice Merchandisers.



ICE VENDING MACHINES

Where there's a need for ice isn't always convenient enough for a whole store. For remote locations, and services without 24/7 employees, Leer's Ice Vending Machines offer the most affordable, reliable and simplest solution to Ice Merchandising needs.

