

Liebherr Key Features



LIEBHERR
Quality, Design and Innovation



Content

The Liebherr Group

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Family Owned – Global Success

Over 60 years of producing high quality products

Liebherr is a third-generation, family-owned company founded by Dr. Hans Liebherr in 1949 with the creation of the first ever mobile crane. With over 60 years of success, Liebherr has become synonymous with the equipment needed to build homes, and the appliances within them.

One of the world's largest manufacturers of construction machinery, Liebherr has expanded to eleven divisions with a wide array of product ranges, including earth moving equipment, mining, tower and maritime cranes, aerospace and transportation systems, and hotels.

Liebherr Group currently employs over 42,000 persons in more than 130 companies in over 50 countries worldwide. Liebherr Appliances is Europe's largest privately owned manufacturer of refrigerators and freezers for residential and commercial use, with an annual production of more than 2.1 million units.



Dr. Hans Liebherr

Liebherr Appliances facility in Ochsenhausen, Germany



Aerospace and Transportation Systems



Mining



Material Handling



Construction



Tower, Mobile Construction, and Maritime Cranes



Refrigeration and Freezing

	<u>2017</u>	Designated ENERGY STAR® 'Most Efficient' on multiple units for seventh year in a row
New under-counter unit with TipOpen for seamless integration	<u>2015</u>	
	<u>2014</u>	First Liebherr CFC and HFC-free units in U.S. using R600a refrigerant
SoftSystem for gentle closing doors	<u>2011</u>	
	<u>2010</u>	DuoCooling for superior performance and efficiency
SmartSteel finish reduces the visibility of finger prints	<u>2009</u>	
	<u>2008</u>	Entire North American range meets and exceeds new ENERGY STAR® rating
First refrigerator with 5 distinct temperature zones	<u>2006</u>	
	<u>2004</u>	Innovative LED lightning for energy efficient illumination
Patented BioFresh technology for extended food freshness	<u>1996</u>	
	<u>1993</u>	First manufacturer to convert entire range to HCFC / CFC-free refrigerant in Europe
NoFrost Technology is introduced, eliminating the need to defrost	<u>1987</u>	
	<u>1980</u>	Liebherr Appliances opens a second manufacturing facility in Lienz, Austria
FrostSafe System technology	<u>1966</u>	
	<u>1954</u>	Liebherr Appliances is founded in Southern Germany



German Engineering

Liebherr has been producing state of the art refrigerators and freezers for over 60 years. The trust our customers place in the Liebherr brand is a result of the quality of our products. We continuously optimize the components and materials used in our appliances, while developing innovative technologies for the kitchens of today and tomorrow.



At our state-of-the-art production facilities, highly qualified personnel create premium quality refrigerators and freezers that meet the highest of standards.



You think opening a fridge 25 times a day is excessive? Try 250,000 times.

Employee Expertise

Every single Liebherr appliance is the result of our employees' expertise, investment in research & development, and painstaking attention to detail. Before a new model makes it to series production, our engineers spend months researching and testing each unit, ensuring that the highest standards are met. Strict quality controls ensure that only outstanding appliances leave our production facilities. Our employees' commitment, along with their own high standards, guarantee Liebherr's award-winning quality.

Stress Testing

As a manufacturer of premium appliances, Liebherr requires its components and appliances to meet the very highest standards. It's no coincidence that Liebherr refrigerators and freezers impress customers worldwide with their long service lives. All of our appliances' components undergo extreme stress-load testing, replicating real-life usage in a user's home. We safeguard product quality and fully meet our customers' demands and expectations from our products.

GERMAN ENGINEERING



Some like it hot, while others prefer a nice chill. Liebherr appliances always operate at your preferred temperature setting.

Climate Chambers

Whether it's extreme temperatures, or high humidity, our appliances always work correctly and efficiently under a range of ambient conditions. Climate chambers are used to demonstrate the appliances' versatility under long-term test conditions; ones that far outlast standard testing practices.



We're always testing sound with the latest industry-leading equipment to ensure that you hear as little noise as possible.

Acoustic Chambers

Our professional anechoic chambers enable us to listen-in on each appliance produced very closely. This way, we can discover any potentially loud or annoying sources of noise. This form of testing enables our engineers to see if they can further improve acoustics to dampen noise emissions, and to optimize the sound quality of moving components, such as doors and drawers.

Performance and Efficiency

Silent Operation

Variable speed compressors are controlled by advanced electronics and are always operating at optimal capacity, thus ensuring maximum food preservation with minimum energy usage. Combined with soft-start technology, these variable speed compressors offer quiet operation and minimal electrical 'surge' at start-up. Extensive sound testing ensures the reduction of noise levels to a minimum.

Innovative Ideas

Liebherr integrates style, function and technology to create the best refrigeration products. BioFresh, SuperCool, SuperFrost and DuoCooling are just a few examples of performance features that contribute to better food preservation.

Quality Standards

Liebherr Appliances are produced under the highest international quality standard, ISO 9001, and are compliant with the international environmental management standard, ISO 14001.

Awards

Our appliances are regularly recognized, receiving awards for their high design quality and superb innovation.





Thinking Green

ENERGY STAR® and Beyond

Liebherr refrigerators help reduce energy consumption and greenhouse emissions in an effort to reduce damaging effects on the environment, as well as to help consumers conserve energy and reduce energy costs. The entire range of North American Liebherr appliances meet and exceed ENERGY STAR® ratings.

ActiveGreen® Initiative

Liebherr is committed to finding greener ways to produce quality, sustainable products. Energy efficiency is at the core of our ActiveGreen® commitment, which is reflected in every aspect of our design and manufacturing processes. In 2007, Liebherr became the first refrigeration manufacturer to meet RoHS compliance worldwide, including in North America.

Leader in Green Manufacturing

Liebherr has an established history of responsible production initiatives with the goal of having the least damaging effect on the environment by significantly decreasing the use of chemicals, solvents and energy consumption. An industry trailblazer in green manufacturing, Liebherr Appliances utilizes progressive practices such as recovering and reutilizing energy to heat buildings, using 100% recyclable packaging, and using purified water to ensure that production is pollution free.

HCFC and CFC Free

Liebherr was the first European manufacturer to convert their entire range of appliances to HCFC / CFC-free refrigerants. The natural R600a refrigerant is environmentally friendly, and works in conjunction with high-efficient compressors, resulting in low energy consumption and reduced energy costs.



BioFresh

BioFresh Keeps Food Fresher Longer

Liebherr's BioFresh technology guarantees the perfect climate for superior, long-lasting freshness. BioFresh allows you to store fresh foods in specialized refrigerator compartments that offer optimal and individual environments for fruits and vegetables, fish, meat, and dairy products.

The Fresher the Food, the Healthier the Diet

The key to achieving a healthy, balanced diet is by eating fresh, high-quality foods full of essential vitamins and minerals. The fresher your food is, the higher its nutritional content will be — boosting your metabolism and strengthening your immune system. Foods preserved in ideal storage temperatures and perfect air humidity will preserve their vitamins, nutrients, flavors, and aromas for far longer.

Optimum Temperature and Humidity

Different types of food require different climate conditions to stay fresh. Liebherr's BioFresh technology provides made-to-measure freshness thanks to a customizable interplay of temperature and humidity controls. The DrySafe drawer with low humidity is ideal for storing meat, fish and dairy products, while fruits and vegetables are best kept in the high humidity HydroSafe.

By customizing the humidity level of the BioFresh drawers, you can enjoy fresher, better tasting and nutrient-rich food for up to 3x longer than conventional refrigerators*.

Boosting Freshness for Over 20 Years

Patented in 1996, Liebherr's BioFresh technology has been the industry leader of food preservation in refrigeration for over 20 years.

*As per an independent study testing BioFresh versus conventional refrigerators in optimal conditions.





BioFresh-Safe

BioFresh



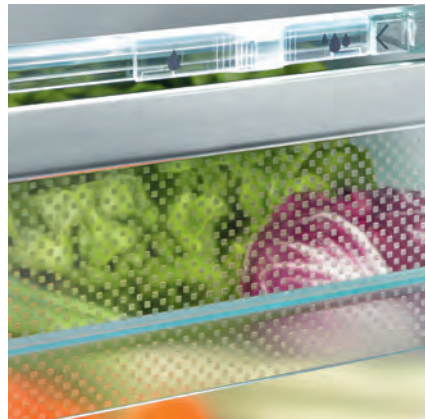
Foods stored at just over **32°F**, and at the right humidity level, retain their nutrients, flavors, and color for far longer than if stored in standard refrigerator compartments.



The dry climate within the **DrySafe** is ideal for storing meat, fish and dairy products.



The **FlexSystem** for BioFresh drawers provides flexible, organized, and easy-to-view food storage. Fruits and vegetables can be kept clearly separated, or foods can be stored according to use-by date.



With higher humidity levels of up to 90%, the **HyroSafe** offers the perfect storage climate for fruits and vegetables.

Features vary by model and chosen configuration.



BioFresh **LED lighting**, uses energy efficient, long lasting, and maintenance-free LED's. Perfectly illuminating the interior of the refrigerator, these LED's ensure that your favorite foods are clearly visible.



BioFresh safes are fully extendible, self-retracting, and soft-closing thanks to **telescopic rails**.



Storage recommendations include keeping foods stored in DrySafes in airtight packaging to prevent them from drying out. Foods stored in HydroSafes should be removed from their packaging so that air can circulate, allowing produce to breathe.



The **BioFresh App** is the ultimate tool for all health conscious food lovers, providing valuable nutritional info and food storage suggestions. Available on the App Store, Google Play, and Microsoft Store.

Technology



BioCool regulates humidity to keep fruits and vegetables fresher for longer. The drawer extends smoothly on either a roller system or on premium-quality telescopic rails, both of which guarantee ease-of-use, convenient access, and a perfect view of stored products. Humidity is regulated via a slider control.



With two independently controlled cooling circuits, **DuoCooling** controls the temperature in fridge-freezers with precision. There is no exchange of air between the refrigerator and freezer compartments, ensuring that odor is not transferred, and that food does not dry out.

Features vary by model and chosen configuration.



The high-quality, **stainless steel back wall** is both eye-catching and highly functional. The stainless steel wall prevents foods from freezing up against the evaporator, ensuring that the back of the refrigerator is always drip and ice-free. Ventilation slits also help guarantee optimum temperature distribution.



Simply quick chill and/or freeze just-bought groceries to preserve optimal freshness. The automatic **SuperCool** function lowers the refrigerator temperature down as far as 35°F for as long as 12 hours, while **SuperFrost** can quickly chill down to -25°F. As soon as food is completely frozen, the automatic SuperFrost function switches back to normal mode after a maximum of 65 hours, helping save energy.

Features



One half of the **divisible glass shelf** can slide underneath the other to provide flexible food storage options, accommodating taller containers. All glass shelves are made from safety glass and can be positioned at different heights.



The integrated **dust filter** on 30" and 36" models prevents buildup of dirt on the motor compartment, preventing any decrease in cooling performance. An indicator light on the panel alerts when the filter must be cleaned.



Liebherr refrigerators are designed to fit more cubic feet of your everyday life. The durable, yet elegant, GlassLine door racks easily hold **gallon** milk or juice on hand.



Our broad product range enables us to have something for almost every customer. We constantly work to further improve the performance of our appliances, and to keep developing exceptional refrigeration technology. We aim to safeguard Liebherr's renowned quality with: outstanding workmanship in every detail, the most up-to-date production procedures, and the use of only premium quality materials.



The versatile **glass/bottle shelf** can be interchanged depending on your personal preference. Use the glass layer for additional shelf storage, or simply remove the glass plate to access the bottle rack where you can chill and store beverages.



Glass Line

The elegant, yet tough, **GlassLine** shelves are scratch resistant and easy to clean, as well as dishwasher safe. These space saving shelves are designed for better organization of the contents of your refrigerator, and are completely adjustable to suit your needs.



Ice Maker

Liebherr's automatic **IceMaker** with fixed water connection produces perfect half-moon crescent ice cubes and keeps a constant supply on hand for every occasion. An activated carbon filter ensures that pure water is used for the production of clear ice.



LED

All Liebherr appliances feature innovative, energy-efficient **LED lighting**, ensuring quality illumination throughout the interior. As LED lights emit less heat than traditional light bulbs, the quality of food and wines are preserved better and for longer, all while offering a better view of your stored items.

Features



LED

Premium appliances come with **LED light columns**, which incorporate multiple LED bulbs, evenly illuminating the interior of the refrigerator. The special satin-finish on the lighting cover, and soft brightening of the lights upon opening, give an elegant and high-class ambiance.



No Frost

Liebherr's **NoFrost** appliances provide expert refrigeration technology to ensure long-term freshness. Food is frozen with chilled, recirculating air, while expelling humidity. As a result, the freezer is always free of ice, making defrosting a thing of the past.



Power Cooling

The high-performance **PowerCooling** system ensures that newly stored produce is quickly cooled, while maintaining an even temperature throughout the interior. A door contact switch turns off the fan when the door is opened, saving energy.

Features vary by model and chosen configuration.



All Liebherr refrigeration products are capable of **self-diagnosis** thanks to an electronic system that detects and analyzes any error or malfunction, for a quick service answer.



Most Liebherr appliances come with an embedded **side panel heater**. This heating system utilizes the refrigerant's heat to prevent moisture from condensing between appliances, without the use of additional energy.



Smart Steel

Available on select freestanding/semi built-in models, **SmartSteel** finish significantly reduces the visibility of fingerprints, is easy to clean, and is scratch resistant. Simply wipe with a dry or damp cloth to maintain this beautiful exterior.



Soft System

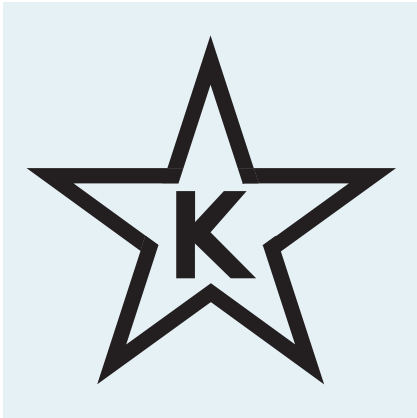
SoftSystem integrated into the appliance door cushions the door closure, eliminating slamming even when shelves are fully loaded. In built-in appliances, the door will close automatically from an opening angle of approx. 30°.



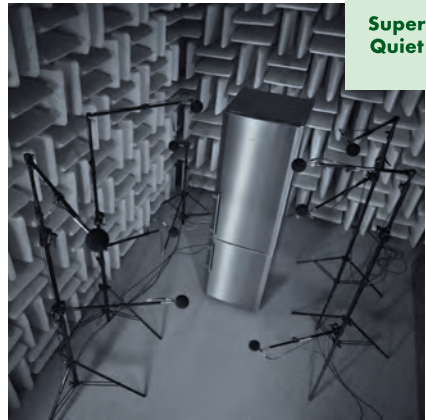
Soft Telescopic

BioFresh and pull-out drawers with **SoftTelescopic** - a highly practical self-retracting, self-closing feature - makes daily use convenient and secure. The drawers are fully extendible and removable from a door opening angle of 90°.

Features



Select models are certified as Sabbath compliant by the **Star-K** organization. These units meet the strict religious requirements of the organization and are designed to meet all the needs of our Kosher users.



Super Quiet

Noise is kept to a minimum thanks to virtually silent, speed-controlled, and specially-absorbed compressors. Alongside a low noise cooling circuit, these features ensure exact performance, energy efficiency, and **SuperQuiet** operation.



Telescopic Rails

Double freezer drawers mounted on **telescopic rails** offer plenty of storage space. A self-closing system for both drawers ensures easy and convenient handling.



Touch Electronic

Our intuitive **touch electronic** control panel (found on most models) ensures that all functions are easy and convenient to use.



VarioSafe provides a clear view of stored food, and is perfect for organizing smaller food items, like packets, tubes, and jars. The drawer can be positioned at variable heights on the lighting columns.



VarioSpace

VarioSpace is Liebherr's practical solution to accommodating bulky items. All freezers include drawers and glass shelves that can be conveniently removed to create extra storage space.



Water Filtration

The integrated **water filter** for the Ice-Maker is conveniently located behind the magnetic toe kick, allowing for quick filter changes when indicated by the electronic control panel.



The IceMaker with 50oz **water tank** is an innovative solution if piped water is unavailable or of poor quality. The tank is removable in order to conveniently fill with water.*

* Available in CS 1640, HC 1070, and HC 1540 models

LED LIGHTS
LIEBHERR
41°C



Design Options

- ◀24"▶
- ◀30"▶
- ◀36"▶
- ◀48"▶
- ◀60"▶

Freestanding / Semi built-in

Cabinetry depth appliances for seamless integration



Stand alone



Stainless steel side wall



Semi built-in



Design Options

◀24" ▶ ▶48" ▶

Built-in Appliances





Design Options

◀24"▶ ▶48"▶

Fully Integrated European Pantry Kitchen





Design Options

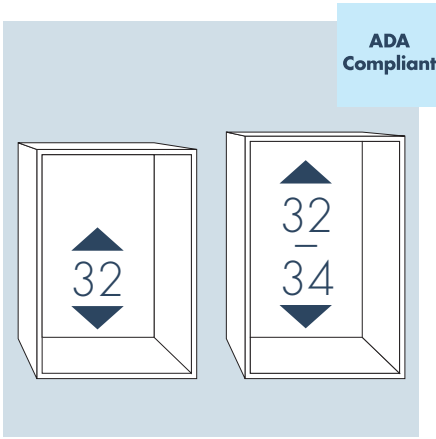
◀30"▶ ▶36"▶ ▶60"▶ ▶72"▶

Fully Integrated / Seamless





Undercounter



Liebherr's undercounter appliances are **ADA compliant** designed to fit under counter heights between 32" and 34".



Liebherr offers undercounter **beverage centers** to fit your needs, either with a glass door with an elegant stainless steel frame for indoor use, or with a solid door for outdoor installation.*



Food can be stored securely within reach thanks to **fully-extendible pull-out drawers**. The SoftTelescopic system provides convenient and reliable self-retraction with soft closing.



Liebherr's undercounter appliances are available for integrated use or for fitting with custom panels. **Ventilation** occurs through the base plinth, so a ventilation grill is not required on top of the appliance.

*Side by Side Kit available.



Wine Storage



The integrated **dust filter**, found in Liebherr undercounter wine cabinets, prevents buildup of dirt on the motor compartment. The upstream ventilation grids are easy to remove, allowing the dust filter to be conveniently cleaned with a vacuum cleaner.



During prolonged storage, wines can be adversely affected by environmental odors. Optimum air quality is guaranteed in Liebherr wine cabinets thanks to the easy-to-replace **FreshAir activated charcoal filter**, which purifies incoming air.



The elegant, ergonomic stainless steel **handle** with integrated opening mechanism, makes opening the door quick and effortless.



Ideal air humidity is an important component when storing wines. High humidity helps keep corks from drying out, ensuring that air does not enter the bottle to oxidize or spoil the wine. Liebherr wine cabinets guarantee the best conditions with over 50% air humidity.



Nicely concealed into the side of the door, the **integrated lock** protects your fine wine collection.



All Liebherr wine cabinets are equipped with innovative **LED lighting**, which can be dimmed for a pleasing ambient light inside the wine cabinet, while emitting less heat, optimal for long-term illumination.



Even slight vibrations can disturb the wine maturing process and prevent the tannins from settling. Specially developed, exceptionally **low-vibration compressors** are included in all Liebherr wine cabinets, ensuring that wine is optimally stored.



The **presentation shelf** of the WS 17800 is practical for both presentation and storage. The bottles can be stored horizontally at the rear as well.



Liebherr's innovative **TipOpen** technology is the perfect answer for hands-free kitchen designs. When lightly tapped, the glass door partially opens, facilitating further opening. If the door is not opened further within three seconds, the door will self-close.



Touch electronic control systems allow the temperature to be set to the exact desired degree, easily and accurately thanks to the electronic LCD display.



In order to minimize the exposure of light which can damage the maturity of a wine, Liebherr wine cabinets are fitted with special **UV-resistant** insulated glass; simultaneously protecting and presenting your wine.



Vinidor appliances are fitted with beech wood shelving mounted on telescopic rails for easy and gentle access to wines. The handmade, untreated **wood pull-out shelves** are ideally matched to secure Standard wine bottles, but can hold a variety of bottle-types.

Lifestyle Products



For ideal presentation, the WS 1200 features **LED lighting** with dimmer function. As LED lights emit minimal heat and no UV radiation, bottles can be lit without compromising the quality of the wine.



This practical **accessory drawer** is used for storing additional wine items, or to provide the right temperature for chocolate or candy to be enjoyed alongside the wine.



Precision electronics allow the temperature to be set to the exact desired degree, from anywhere in between 41°F and 68°F.



The WS 1200 and XS 200 can be **wall mounted**, providing an attractive focal point in the room, while saving space and adding convenient access for serving.



The integrated water tray can accommodate 34oz of distilled water for **ideal humidity**. Sensors regulate the precise humidity level selected, while the electronic display informs when water needs to be replenished into the tray. One fill-up of the tray lasts for up to three months.



The XS 200 humidor's two presentation boxes and shelves are crafted from **Spanish cedar wood**. The presentation boxes vary in height for additional storage options.



LED

Liebherr's XS 200 humidor has **LED lighting**, with dimmer function, incorporated into the glass door. As LED lights emit virtually no heat, cigars can be exposed to light for long periods of time without damage.



The wooden **presentation boxes** are perfect for storing loose cigars, and can be easily removed for presentation to your guests.

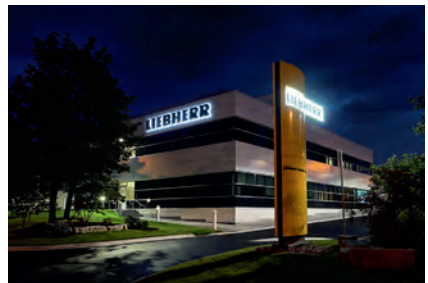
Liebherr Appliances North America



Liebherr in Miami, FL, USA

Liebherr – A world leader in premium refrigeration

Headquartered in Germany, Liebherr Appliances distributes the widest range of European refrigeration and freezing solutions throughout the world. Liebherr's first steps into the Americas was in the early 1970's, later expanding Liebherr Appliances into North America in 2004.



Liebherr in Burlington, ON, Canada

Liebherr Appliances in North America is located in Miami, Florida in the United States, and Burlington, Ontario, in Canada.

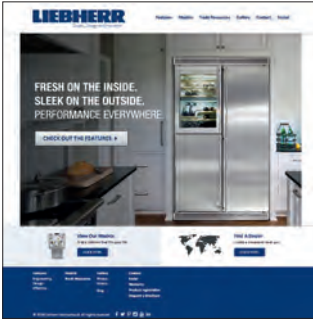
Liebherr Parts and Service for USA and Canada



Customer Service Number for USA:
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Discover the World of Liebherr Online

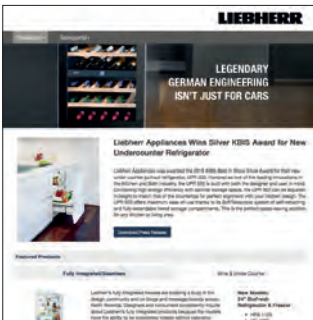


You can find the latest information on Liebherr Appliances North America's full range of freestanding, built-in and fully integrated refrigerators and freezers, as well as lifestyle products, on our website. home.liebherr.com



Building on over 60 years of quality, design and innovation, FreshMAGAZINE unlocks Liebherr's world of freshness to the public. This online magazine is the right place to find out more about Liebherr's industry leading technologies, food storage tips, and inspiration from recipes from around the world.

blog.liebherr.com/appliances/us



The Liebherr Pressroom and Sales Portal are your destinations for all things Liebherr in the news. Download press releases and high resolution images, technical specs, and newsletters, while browsing recent ads and event pictures.

www.liebherr-pressroom.com



Easy Installation



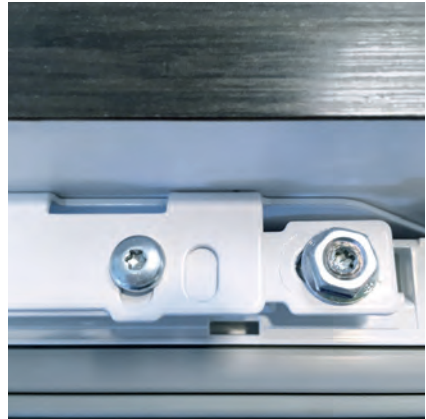
Installation brackets fasten easily and securely to the back of panels. Liebherr fully integrated appliances include guides to ensure proper measurement of brackets to the cabinet door.



Easy access to front and rear leg/caster adjustments for height configuration, and water connection for IceMaker.



Self-aligning clips that break off after installation to allow for proper depth adjustment of the unit inside cabinetry.



Six-way adjustment bracket allows for horizontal, vertical, and depth adjustments for easy final alignment of door panels.

Visit our website for Installation Manuals and Design Guides.

For more information, email install.americas@liebherr.com

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Liebherr USA, Co.
Refrigerators & Freezers Division

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