

MONOLITH

Cooling Redefined

MF 2451 & MRB 3000

Monolith 54"



LIEBHERR

Quality, Design and Innovation

With its impressive size, clean lines, innovative interior features and whisper-quiet operation, Monolith was designed to inspire awe and integrate seamlessly into your kitchen motif – today, tomorrow, and for years to come. Thanks to Liebherr’s superior energy efficiency and intelligent features such as BioFresh technology, Monolith takes advanced food preservation to an entirely new level.

Monolith BioFresh-Plus drawer adds another dimension of climate control to the BioFresh system by allowing you to set temperatures inside the third drawer to as low as 28° F. That’s the perfect temperature for preserving the freshness and flavors of fish and seafood, or for icing down cold beers before party guests arrive. The InfinitySpring seamlessly integrated, flush-mounted internal water dispenser is there when you need it, and virtually invisible when you don’t. Monolith’s controllable InfinityLight LED system casts beautiful and even side lighting that can be fine-tuned according to personal taste, including a soft brightening effect upon opening the doors and a pleasing night dimming feature. The InfinitySwipe intuitive electronic touch-control panel features a full-color 2.4-inch touch & swipe screen that’s bright, clean and wonderfully user-friendly. Together with a SmartDeviceBox that you can control with a few taps on your smartphone or tablet, it’s a beautiful testament to the idea that less is, indeed, more.

Possible Side-by-Side combination
MF 2451 & MRB 3000



Monolith 54"

Energy consumption (kWh/y)	
Estimated Yearly Energy Cost in US \$*	
Sound rating dB(A)**	
Refrigerator capacity cu.ft. (l)	
BioFresh/BioFresh-Plus comp. cu.ft. (l)	
Freezer capacity cu.ft. (l)	
Number of shelves	
Number of door racks	
Number of FrostSafe drawers	
Number of BioFresh/BioFresh-Plus drawers	
Electronic control	
Refrigerator temperature range °F (°C)***	
Freezer temperature range °F (°C)	
Defrost type	
Interior light	
Internal Water Dispenser	
Water filter	
IceMaker	
Ice cube output lbs. (kg)/24h	
Ice cube stock lbs. (kg)	
Door hinges	
Product dimensions (H/W/D) in. (cm)	
Cut out dimensions (H/W/D) in. (cm)	
Net weight lbs. (kg)	
Voltage V/Hz	

MF 2451	MRB 3000
     	     

490	305
59	37
40	40
	15.0 (426)
	6.5 (185)
11.4 (325)	
4	4
3	3
3	
	2 / 1
InfinitySwipe	InfinitySwipe
+7°F to -17°F (-14°C to -27°C)	+34°F to +45°F (+1°C to +7°C)
automatic	automatic
InfinityLight	InfinityLight
	InfinitySpring
yes	yes
fixed water connection	
3.5 (1.6)	
4.0 (1.8)	
left, reversible	right, reversible
83 3/4" / 23 3/4" / 24" (212.6/60.2/61)	83 3/4" / 29 11/16" / 24" (212.6/75.4/61)
84" / 24" / 24" (213.4/61/61)	84" / 30" / 24" (213.4/76.2/61)
308.6 (140.0)	363.8 (165.0)
115/60	115/60

* Estimated energy cost will depend on utility rates and use. Estimated energy cost based on a national average electricity cost of 12 cents per kWh.

** Noise output – according to EN 60704-3.

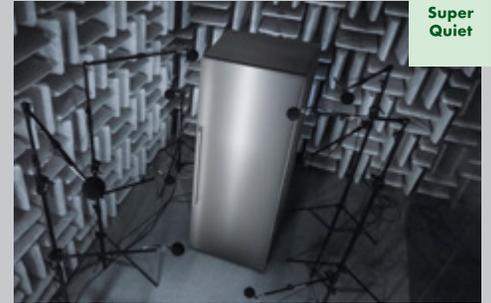
*** BioFresh bins temperatures 32°F (0°C). BioFresh-Plus bin 28°F (-2°C) or 32°F (0°C).



German Engineering: Our superior products offer premium quality, cutting edge design, and innovative features that best fit your lifestyle. The use of high quality materials, perfectly detailed finishes, and elite cooling components are combined with the latest production processes, resulting in an outstanding cooling product.



Energy Star: The entire line of North American Liebherr appliances meet or exceed ENERGY STAR® rating requirements, greatly reducing greenhouse emissions and energy costs.



Super Quiet

SuperQuiet: Noise levels are kept to a minimum thanks to virtually silent, speed-controlled, and sound absorbing compressors. Alongside a low noise cooling circuit, these features ensure exact performance, energy efficiency, and SuperQuiet operation.



Bio Fresh Plus

BioFresh-Plus: Liebherr's BioFresh technology guarantees the perfect climate for superior, long-lasting food freshness. In addition to two BioFresh drawers, the third Monolith refrigerator drawer can be set as BioFresh-Plus, lowering temperatures down to 28° F, ideal for storing fresh fish and seafood.



Smart Device

SmartDevice: Monolith comes with a SmartDeviceBox which can be controlled via a smartphone or tablet, activating settings and features while on the go. SmartDevice can also help you become a better chef by using internal cameras to tell you what items you'll need for a recipe, and voice recognition to order what you're missing.



Infinity Swipe

InfinitySwipe: Monolith's intuitive electronic touch-control panel features a full-color 2.4-inch touch & swipe screen that's bright, clean, and wonderfully user-friendly. You'll barely have to lift a finger to control every function.



Infinity Light

InfinityLight: Monolith's seamlessly integrated LED side-wall lighting casts a beautiful and even glow that can be adjusted according to taste, including a soft brightening effect upon opening the doors, and a pleasing night dimming feature. InfinityLight doesn't just add drama and flair, it also emits less heat, preserving food quality.



SuperCool / SuperFrost: Simply quick chill or freeze just-bought groceries to preserve optimum food freshness, while sealing in flavors and maintaining essential vitamins and minerals.

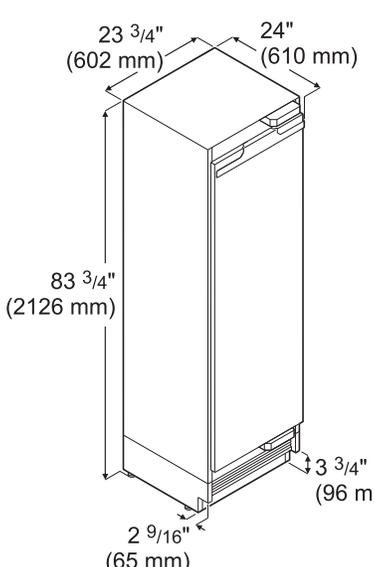


Infinity Spring

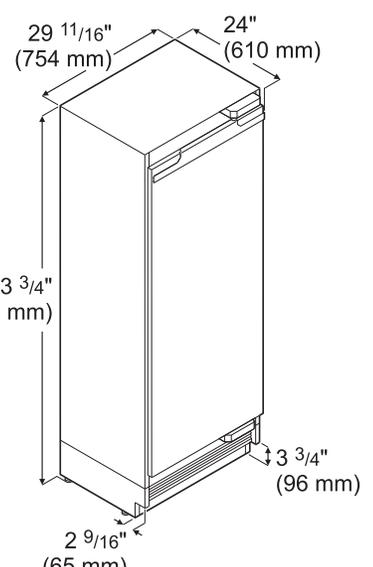
InfinitySpring: The seamlessly integrated, flush-mounted InfinitySpring internal water dispenser is there when you need it, and virtually invisible when you don't, and can accommodate pitchers of any size. Liebherr's filtration system eliminates harmful contaminants, resulting in crisp, clear, fresh tasting water.

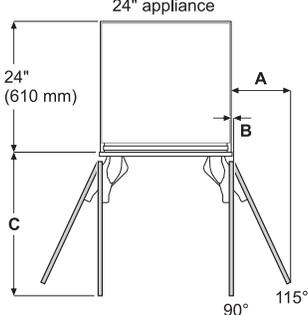
Product Dimensions

24" appliance



30" appliance



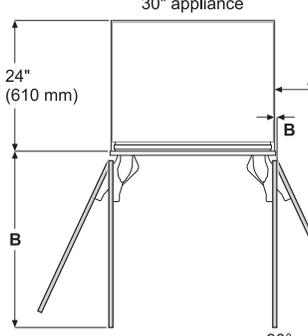


24" appliance

Inset
A = 10 3/4" (273 mm)
B = 1/2" (12.5 mm)
C = 25 7/8" (658 mm)

Frameless
A = 11" (279 mm)
B = 1/2" (12.5 mm)
C = 26 3/8" (670 mm)

Dimension A = without mounted door handle



30" appliance

Inset
A = 10 3/4" (273 mm)
B = 1/2" (12.5 mm)
C = 25 7/8" (658 mm)

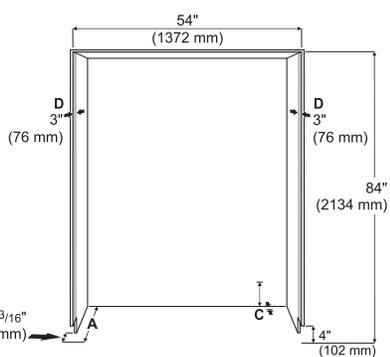
Frameless
A = 13 1/2" (343 mm)
B = 1/2" (12.5 mm)
C = 32 3/8" (822 mm)

Dimension A = without mounted door handle

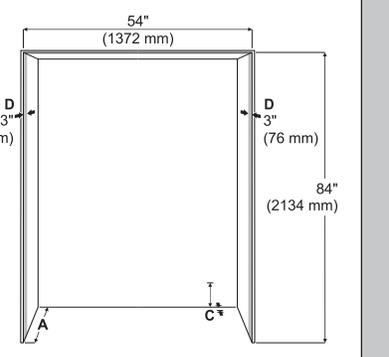
IMPORTANT!
Stated minimum height dimensions include when the leveled feet are fully inserted.
 Height can be increased by a maximum of 1" (26 mm) by turning the adjustable feet.
 When the appliance is fitted in the recess, the appliance must be raised by turning the adjustable feet so that the appliance top has contact with the anti-tipping bracket.
 This results in a 4" (102 mm) Toe Kick height.

Cut out Dimensions

Continuous Toe Kick



Individual Toe Kick

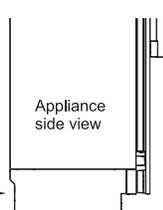


A
Cabinet depth frameless installation style = 24" (610 mm)
Cabinet depth inset installation style = 24" (610 mm) **plus panel thickness**

B
This is the point where the power cord exits from the appliance rear 3/4" (19 mm) from the left and 5" (127 mm) from the floor. Free length of the power cord is 98" (2.5 m).

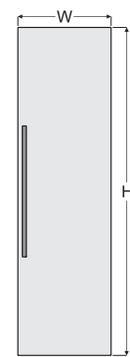
C
The appliance has a recess in this area for cable and waterline laying. 1" (25 mm) in depth and 5 1/2" (140 mm) in height over the whole width of the appliance.

D
This surface is visible when the appliance door is open. Designed finish is required.



Appliance side view

Door Panel Dimensions



24" recess

Inset installation style
H = 79 7/8" (2029 mm)
W = 23 3/4" (603 mm)

Frameless installation style
H = 80" (2032 mm)
Add overlapping dimension to the panel on the top.
W = 24" (610 mm)
Add overlapping dimension to the panel on both sides.
Maximum panel weight = 52 lbs. (24 kg)



30" recess

Inset installation style
H = 79 7/8" (2029 mm)
W = 29 3/4" (756 mm)

Frameless installation style
H = 80" (2032 mm)
Add overlapping dimension to the panel on the top.
W = 30" (762 mm)
Add overlapping dimension to the panel on both sides.
Maximum panel weight = 79 lbs. (36 kg)