

# CS 1311 Premium NoFrost

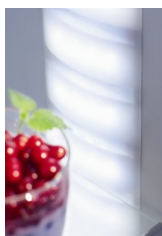
## 24" Freestanding or Semi-built-in Refrigerator & Freezer

The slim styling and compact design of the **CS 1311** make it a clear choice for small spaces, galley kitchens, condos and apartments. This sleek 24" unit has unique features such as a LED light column in the refrigerator that does double duty as a shelf support and a flexible VarioBox on the door that can move right to the kitchen table.

Small can be spacious. Smart interior design choices like the beverage rack, foldable glass shelf, and gallon holders for large containers maximize the space. And on the exterior, Liebherr's new SmartSteel material is scratch resistant and makes fingerprints virtually disappear.



Ergonomic  
lever handle



LED Side  
Lighting



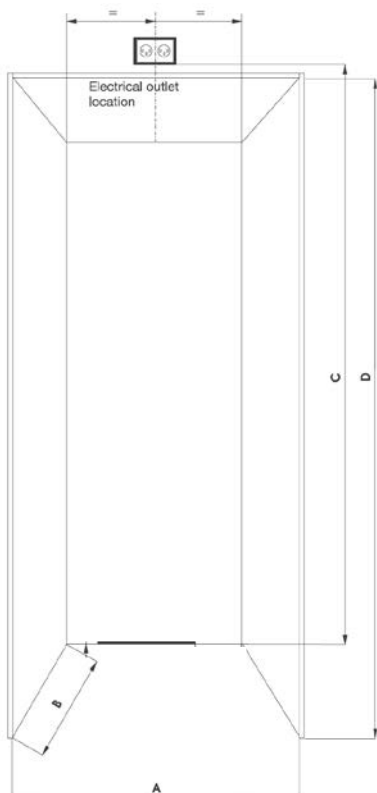
Clear Drawers



Capacity	
Total	369 liters / 13.0 cu. ft.
Refrigerator Compartment	275 liters / 9.7 cu. ft.
Freezer Compartment	94 liters / 3.3 cu. ft.
Energy Star	Yes
Energy consumption per year	406 KWH/Y
Estimated yearly Energy Cost	\$49 USD *
Climate rating	SN-T 10°C to 43°C(50°F to 110°F)
Power	115v at 60hz 2.3 amps/270 watt
Shipping Weight	97 kg / 214 lbs.
Refrigerator Compartment	
Stainless Steel Door	Left Hand, Reversible
Interior light	LED Sides
Forced air fan system	Quiet DC fan
Bottle shelf	Yes
Gallon storage door shelf	Yes
Adjustable Glass Door shelves	4
Glass Shelves Adjustable	Yes
VarioBox	Covered Door Shelf
Crisper	1 Clear Plastic
Freezer compartment	
Light	LED
Bins	3 Clear Plastic
*Your Energy Costs will depend on your utility rates and use. Estimated energy cost based on a national average electricity cost of 12 cents per KWh.	

THIS IS A QUICK REFERENCE GUIDE FOR **CS 1311**, FOR COMPLETE INSTRUCTIONS, PLEASE REFER TO THE DESIGN GUIDE OR VISIT <http://www.liebherr-appliances.com>

## Cabinet Opening Dimensions



The appliance can be integrated into the kitchen units. To adapt the appliance to the height of the row of kitchen units, a suitable top cupboard can be fitted above the appliance.

### Unit Venting

DO NOT restrict the air flow. An air flow of at least 2" (50mm) must be provided. The opening can either be directly over the appliance or on the back of the cabinet on top of the unit (see ventilation requirements).

The CS models can be installed in standard 24" (609mm) deep cabinets. You will only have to make sure that the door swing clearance is enough. It is possible to push all CS models to the rear wall of the cabinet without modification.

When installing the appliance next to a wall, a distance on the hinge side of 1 13/32 inches (36 mm) minimum is required between the appliance and the wall to allow for the door handle projection when the door is open.

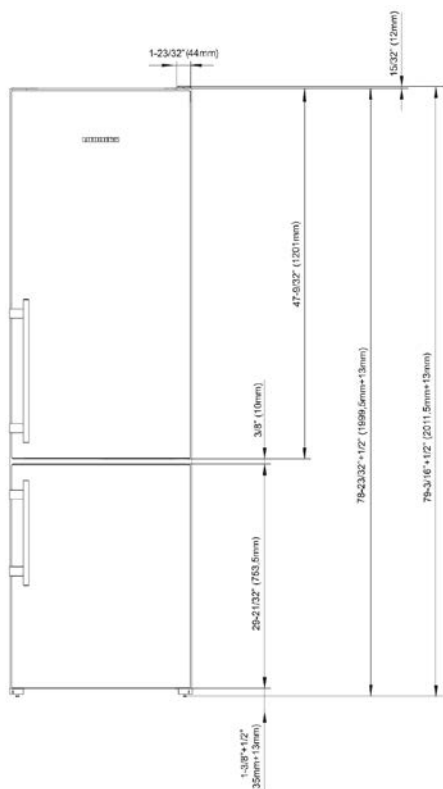
Minimum Cabinet Opening Dimensions:

CS 1311, 1360

- A. 23-7/8" (606 mm)
- B. 24" (609 mm)
- C. 85-29/32" (2182 mm)
- D. 80" (2032 mm)\*

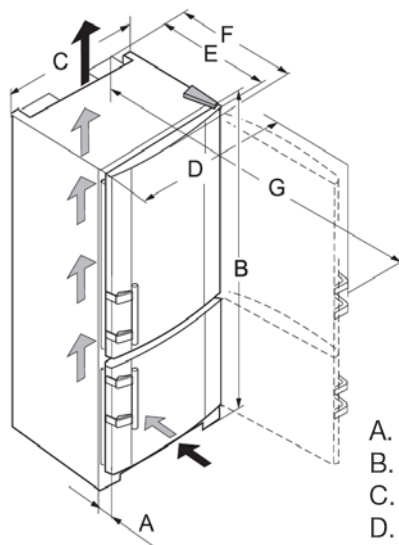
**Note:** The given cabinet opening height dimension includes space for top air vent. If you choose to place the vent above the cabinet or in a soffit, you will need to adjust the height dimension accordingly. Please refer to Ventilation Requirements.

## Top Door Hinge Clearance CS 13.. - SBS 26S1



When installing CS units into a row of cabinets or wall units; use these dimensions to achieve a custom look with the cabinetry while providing the necessary clearance for the top door hinge.

## Unit Dimensions



- A. 2-7/32" (56.5 mm)
- B. 79-3/16" (2011 mm)
- C. 23-1/2" (597 mm)
- D. 25-3/32" (637 mm)
- E. 24-1/8" (613 mm)
- F. 24-3/4" (629 mm)
- G. 46-3/8" (1178 mm)

## Ventilation Requirements

This type of cabinet must be carefully constructed using the correct dimensions and it must provide suitable ventilation to ensure proper appliance operation.

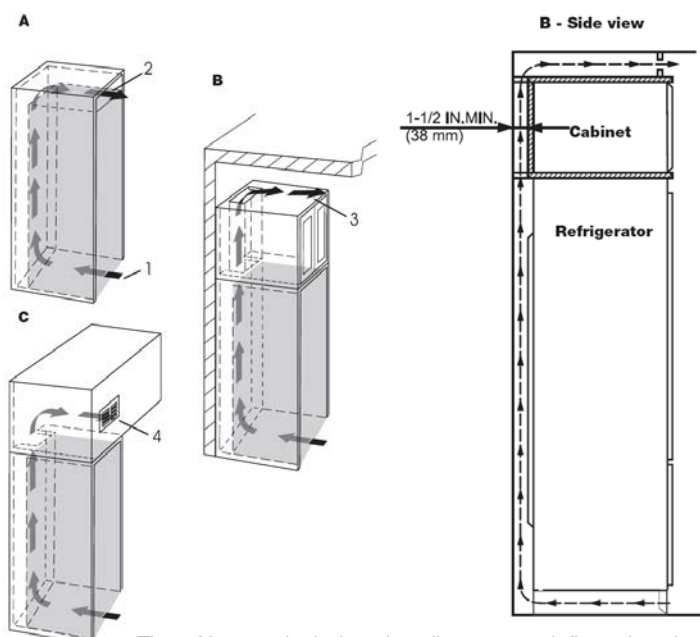
### Kitchen Cabinet Airflow

- The following ventilation dimensions must be observed:

There must be a ventilation space at least 31 in.<sup>2</sup> (200 cm<sup>2</sup>) at the airflow inlet (1) and at the airflow outlet (2).

The top ventilation space can be directed in one of the following ways:

- A) Directly over the appliance (2) with a gap of at least 2 inches between the ceiling of the unit and the cabinet.
- B) Above the cabinet and below the ceiling (3).
- C) Through a vent installed in a soffit (4).



The refrigerator is designed to allow proper air flow when the appliance is installed up against the wall. A minimum space of 1 1/2" (38mm) is required when a cabinet is built above.