SFPvh 8401

30 cu. Ft. Perfection High-performance Laboratory Freezer with solid door

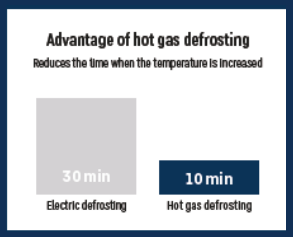






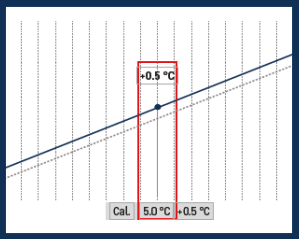
SmartLock

To prevent products from accidentally entering circulation after an interruption in the cold chain, SmartLock automatically locks the door if there is an alarm. Only authorized persons can unlock it again.



Energy-efficient hot gas defrosting

Timed and on-demand hot gas defrosting allows for very short defrosting times. To further improve temperature stability during defrosting, the internal temperature is slightly lowered shortly beforehand to create a reserve of cold air.



Calibration function

Due to operational requirements and application-specific conditions, it is possible to set temperature deviation of the interior from the set temperature to a storage temperature determined with calibrated thermometers. These deviations can be adjusted by the calibration function. For the secure knowledge of cooling at precise temperatures.



Integrated WiFi/LAN interface

The integrated WiFi/LAN interface enables you to easily connect your appliances with existing local systems.

LIEBHERR

SFPvh 8401

30 cu. Ft. Perfection High-performance Laboratory Freezer with solid door

Laboratory Freezer

German Engineering | No Frost | ENERGY STAR | MET | Norm IEC 61010-2-011 | DIN 13277 | 5 Year Parts & Labor Warranty

home.liebherr.com



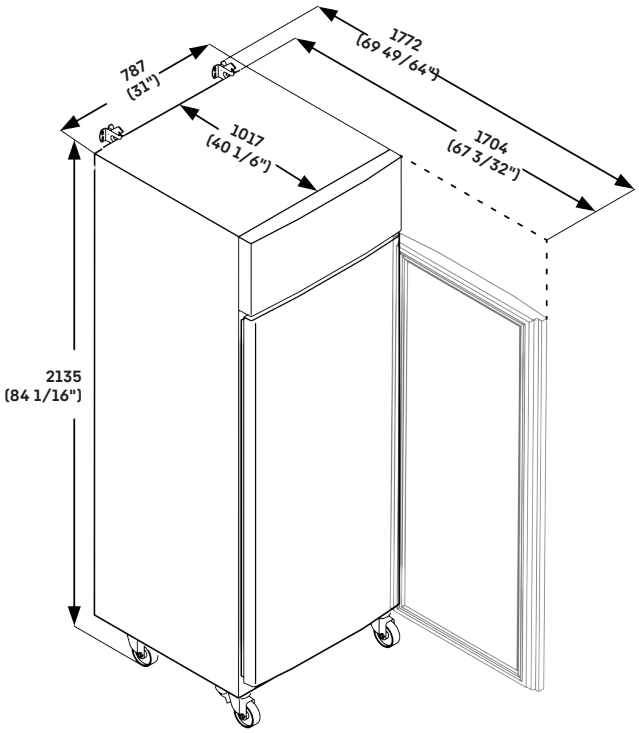
	SFPvh 8401
Total gross/net capacity	30.2 / 28.6 cu. ft (854 / 811 l)
Exterior dimensions in mm (w/d/h) in inches (w/d/h)	787 / 1017 / 2135 31" / 40" / 84 1/8"
Interior dimensions in mm (w/d/h) in inches (w/d/h)	579 / 788 / 1493 22 13/16" / 31 1/16"/ 58 13/16"
Energy Consumption*	3.08 kWh/day
EnergyStar rated	Yes
Ambient temperature	+10°C to +35°C (50°F to 95°F)
Refrigerant	R290
Sound rating**	60 dB(A)
Connection rating	4.0 A
Vol;t	60 Hz/115V~
Cooling system/Defrost	Forced-air / automatic
Temperature range	-9 °C to -35 °C
External cabinet finish	Steel/white
Door/lid material	Steel/ white
Internal liner material	Chrome-nickle steel
Data logger	Integrated, USB interface
Connectivity Solution/ Interface	Integrated, removable WIFI / LAN
Type of control	2.4" touch & swipe color display
Temperature display	External digital
Alarm	Visual, audible
Alarm forwarding	Yes
Interior Light	LED lighting column, left
Adjustable shelves	4
Shelf material	Wire shelves plastic-coated
Shelf load weight	60 kg (132 lbs)
Usable Shelf Area in mm (inches)	570 / 788 mm (24 1/16"/19 11/16")
Handle	Antimicrobial handle with opening mechanism
Access port	1 x Ø 12 mm
Lock	Electronic
Self-closing door	Yes
Door Hinges	Right, reversible on site
Insulation	70 mm (2 13/16")
Net weight	153 kg (337.3 lbs)

* Measured unloaded at 26.6°C (80°F) ambient temperature with set point of 3.3°C (38°F).
** Noise level – sound power re 1pW – according to IEC 60704-2-14.

(08/2026)

PFAS

Unit Dimensions



Accessories

U-shaped trayslide, (left / right)	7745092 / 7745094
Gray grid shelf	7112614
Foot pedal opener	7746616
Castors Ø 100 mm (4 in)	9597828
Adjustable feet, 115 – 175 mm (4.5 - 6.9 in)	9080131
Side-by-Side set in white	9597677

LIEBHERR