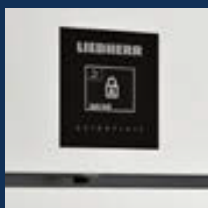# SFPvh 1402

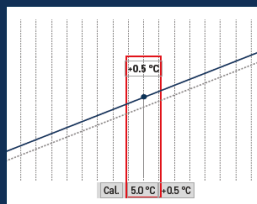## 50 cu.ft. Perfection High performance Laboratory Freezer



**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.
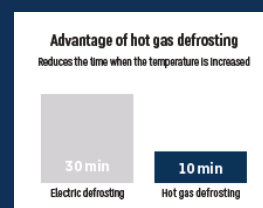
**Integrated WiFi/LAN interface**

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

**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.

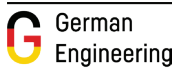**Energy-efficient hot gas defrosting**

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.

# LIEBHERR

# SFPvh 1402

## 50 cu.ft. Perfection High performance Laboratory Freezer

**Laboratory Freezer**

G German Engineering | Electronic Control | No Frost | ENERGY STAR c | MET ®us | DIN 13277 | Norm IEC 61010-2-011

home.liebherr.com
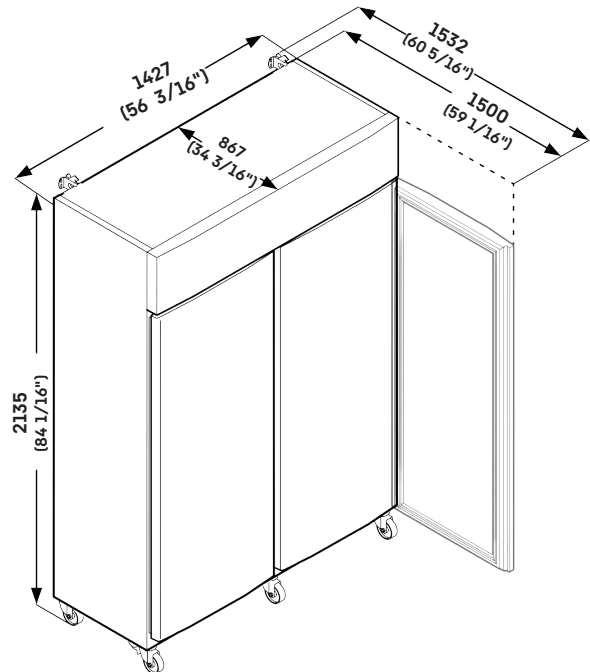


| | SFPvh 1402 |
|---|---|
| Total gross/net capacity l (cu.ft.) | 1391 / 1091 l (48.2 / 46.8 cu. ft.) |
| Exterior dimensions in mm (w/d/h) in inches (w/d/h) | 1427 / 867 / 2135 mm 56 /4" / 34 3/16 " / 84 1/16" |
| Interior dimensions in mm (w/d/h) in inches (w/d/h) | 1210/638/1493 mm 47 11/16 "/ 25 1/8" / 58 13/16" |
| Energy Consumption  (kWh/day) * | 5.26 kWh |
| EnergyStar rated | Yes |
| Ambient temperature in °C (°F) | +10°C to +35°C (50°F to 95°F) |
| Refrigerant | R 290 |
| Sound rating** | 60 dB(A) |
| Connection rating | 4.0 A |
| Voltage/ Frequency | 115 V / 60Hz |
| 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 |
| Type of control | 2.4" touch & swipe color display |
| Temperature display | External, digital |
| Alarm | Visual, audible |
| Alarm forwarding | Yes |
| Connectivity solution / Inteface | Integrated, removable / WiFi/LAN |
| Data Logger | integrated, USB interface |
| Interior Light | LED |
| Adjustable shelves | 8 |
| Shelf material | Wire shelves plastic-coated |
| Shelf load weight in kg freezer | 60 kg |
| Usable Shelf Area in mm (inches) | 480/638 (24 1/16"/19 11/16") |
| Handle | Vertical recessed handle |
| Lock | Electronic |
| Self-closing door | Yes |
| Door Hinges | Left- hand/ right hand |
| Gross/net weight in Kg (lbs) | 235/210 (518/463) |

* 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.

V.0 (May, 2025)

## Unit Dimensions



1427 (56 3/16")
1532 (60 5/16")
1500 (59 1/16")
867 (34 3/16")
2135 (84 1/16")

| Accessories | |
|---|---|
| U-shaped trayslide, (left / right) | 7745088 / 7745090 |
| Gray wire shelf | 7112608 |
| Castors Ø 100 mm (4 in) | 9597965 |
| Adjustable feet, 115 – 175 mm (4.5 - 6.9 in) | 9080132 |
| Foot pedal opener | 9597649 |
| Side-by-Side set in white | 9597677 |

# LIEBHERR