

SFFvh 4001

Laboratory freezer with convection cooling
Perfection



Gross/net capacity	273/174 l
Ext. dimensions in mm (w/d/h)	597/654/1884
Int. dimensions in mm (w/d/h)	420/400/1400
Energy consumption in 365 days	292 kWh ¹
Ambient temperature range	+10 °C to +35 °C
Heat output	479 kJ/h
Refrigerant	R 600a
Frequency / voltage	50/60 Hz / 220-240 V~
Cooling system	dynamic
Defrosting	automatic
Temperature range	-9 °C to -35 °C
Gradient / max. fluctuation	6,9 °C ³ / 6,4 °C ⁴
Housing material/colour	steel / white
Door material	steel / white
Liner Material	white plastic
Type of Control	2.4" Color Display, Touch & Swipe
Alarm in case of malfunction	visual and acoustic
Power failure alarm	immediately upon power interruption for at least 12 h
volt-free alarm contact	Yes
Type of connectivity	SmartModule
Interface	WLAN/LAN
Data logger	integrated, USB interface
Interior light	LED
Adjustable Shelving	6
Shelf material	wire shelves plastic-coated
Usable shelf area in mm (w / d)	420 / 400
Shelf loading	45 kg
Maximum total load	315 kg
Drawers	6
Handle	antimicrobial handle with opening mechanism
Access ports	1 x Ø 10 mm
DIN 13277	Yes
Type of lock	mechanical
Door hinge	right, reversible
Gross / Net weight	86/81 kg
EAN number	9005382246719
Cleanroom class according to ISO EN 14664-1	ISO class 7
GMP cleanroom class	GMP class B

¹ Measured at +25 °C ambient temperature and set temperature of +5 °C for refrigerator and -20 °C for freezer.
² Gradient according to EN60068-3: spatial temperature distribution in the interior from the warmest to the coldest measuring point including measurement uncertainty.
³ Max. fluctuation according to EN 60068-3: temporal temperature variation of the measuring point with the greatest difference during the measurement period.