

Laboratory fridge-freezer combination with plastic inner liner



SCFvh 4002

Perfection

Gross / net capacity	fridge comp.	272 / 206 litre
Gross / net capacity	freezer comp.	112 / 58 litre
Exterior dimensions in mm (w / d / h)		597 / 654 / 2044
Interior dimensions in mm (w / d / h)	fridge comp.	460 / 423 / 1037
Interior dimensions in mm (w / d / h)	freezer comp.	406 / 292 / 595
Energy consumption in 365 days ¹		277 kWh
Ambient temperature range		+10 °C to +35 °C
Heat output / Refrigerant		290 kJ/h / R 600a
Sound power level		48 dB(A)
Voltage / frequency		220 - 240V~ / 50/60 Hz
Connection rating / Rated consumption watts		2.0 A / 140 W
Cooling system	fridge / freezer comp.	forced-air / forced-air
Defrost	fridge / freezer comp.	automatic / automatic
Temperature range	fridge / freezer comp.	+3 °C to +16 °C / -9 °C to -30 °C
Gradient ³	fridge / freezer comp.	3.3 °C / 3.3 °C
Max. fluctuation ⁴	fridge / freezer comp.	3.0 °C / 6.4 °C
External cabinet finish		steel / white
Door material / colour		steel / white
Internal liner material		commercial grade moulded polystyrene
Type of control		2.4" touch & swipe colour display
Power failure alarm		immediately upon power failure for at least 12 hrs
Fault: warning signal / Volt-free alarm contact		visual and audible / yes
SmartMonitoring compatible / Connectivity type		yes / SmartModule
Connectivity solution / Interface		integrated, removable / WiFi/LAN
Data logger		integrated, USB interface
Interior light	fridge / freezer comp.	LED lighting column, left / LED
Adjustable shelves	fridge comp.	4
Shelf material	fridge / freezer comp.	wire shelves plastic-coated / glass
Usable shelf area in mm (w / d)	fridge comp.	460 / 423
Shelf loading	fridge / freezer comp.	45 kg / 40 kg
Maximum total load		345 kg
Drawers	freezer comp.	3
Handle		antimicrobial handle with opening mechanism
Access ports / DIN 13277		2 x Ø 10 mm / yes
Type of lock / Door hinges		mechanical / right, reversible on site
Gross / net weight		90 / 83 kg
Accessories		
Pharmacy drawer		9032867
White grid shelf / White base grid		7113308 / 7113272
Perforated metal shelf, white		9029022
Scanner rail		7435208
Additional lock barrels		on request
Side-by-Side set in white		9027388

¹ Measured at +25°C ambient temperature and +5°C set temperature for fridges and -20°C for freezers.

² The temperature range is valid at a maximum ambient temperature of +30°C

³ Gradient as defined in EN 60068-3: the difference between the warmest and coldest average measurements, increased by their expanded uncertainty, throughout the duration.

⁴ Max. fluctuation as per EN 60068-3: greatest fluctuation value determined throughout the duration of measurements.