## SRFvh 5501

## Laboratory refrigerator with convection cooling Perfection







Ext. dimensions in mm (w/d/h)747/769/1293Int. dimensions in mm (w/d/h)606/536/1460Energy consumption in 365 days171 kWh <sup>1</sup> Ambient temperature range+10 °C to +35 °CHeat output246 kJ/hRefrigerantR 600aNoise output49 dB(A)Frequency / voltage50 Hz / 220 -240 V-Cooling systemforced-airDefrostingautomaticTemperature range+3 °C to +16 °CGradient / max. fluctuation2.2 °C <sup>1</sup> / 17 °C <sup>3</sup> Housing material/coloursteelJuor materialcommercial grade moulded polystyrolType of Control2.4° touch & swipe colour displayAlarm in case of malfunctionvisual and audiblePower failure alarminmediately upon power failure for at least 12 hrsvolt-free alarm contactyesConnectivity typeSmartModuleConnectivity solutionintegrated, USB interfaceInterfaceWiFi/LANData loggerintegrated, USB interfaceInterfacewire shelves plastic-coatedUsable shelving5Shelf materialautomoticShelf materialautomaticShelf materialautomaticUsable shelving5Shelf materialautomaticData loggerintegrated, USB interfaceInterfaceWiFi/LANData loggerfold 536Shelf materialwire shelves plastic-coatedUsable shelving5Shelf materialautomicrobial handle with	Gross/net capacity	558/441 l
Energy consumption in 365 days       171 kWh <sup>1</sup> Ambient temperature range       +10 °C to +35 °C         Heat output       246 kJ/h         Refrigerant       R 600a         Noise output       49 dB(A)         Frequency / voltage       50 Hz / 220-240 V-         Cooling system       forced-air         Defrosting       automatic         Temperature range       +3 °C to +16 °C         Gradient / max. fluctuation       2.2 °C <sup>1</sup> / 1.7 °C <sup>1</sup> Housing material/colour       steel         Dor material       steel         Liner Material       commercial grade moulded polystyrol         Type of Control       2.4° touch & swipe colour display         Alarm in case of malfunction       visual and audible         Power failure alarm       immediately upon power failure for at least 12 hrs         volt-free alarm contact       yes         Connectivity type       SmartModule         Connectivity solution       integrated, USB interface         Interior light       LED lighting column, left         Adjustable Shelving       5         Shelf material       wire shelves plastic-coated         Usable shelf area in mm (w / d)       600 / 536         Shelf notating       60 kg	Ext. dimensions in mm (w/d/h)	747/769/1793
Ambient temperature range       +10 °C to +35 °C         Heat output       246 kJ/h         Refrigerant       R 600a         Noise output       49 dB(A)         Frequency / voltage       50 Hz / 220-240 V-         Cooling system       forced-air         Defrosting       automatic         Temperature range       +3 °C to +16 °C         Gradient / max. fluctuation       2.2 °C ² / 1.7 °C ²         Housing material/colour       steel / white         Door material       steel         Liner Material       commercial grade moulded polystyrol         Type of Control       2.4° touch & swipe colour display         Alarm in case of malfunction       visual and audible         Power failure alarm       immediately upon power failure for at least 12 hrs         volt-free alarm contact       yes         Connectivity type       SmartModule         Connectivity solution       integrated, USB interface         Interior light       LED lighting column, left         Adjustable Shelving       5         Shelf material       wire shelves plastic-coated         Usable shelf area in mm (w /d)       600 / 536         Shelf naterial       wire shelves plastic-coated         Usable shelf area in mm (w /d)	Int. dimensions in mm (w/d/h)	606/536/1460
Heat output       246 kJ/h         Refrigerant       R 600a         Noise output       49 dB(A)         Frequency / voltage       50 Hz / 220-240 V-         Cooling system       forced-air         Defrosting       automatic         Temperature range       +3 °C to +16 °C         Gradient / max. fluctuation       2.2 °C ? / 1.7 °C ³         Housing material/colour       steel / white         Door material       steel / white         Door material       commercial grade moulded polystyrol         Type of Control       2.4 ° touch & swipe colour display         Alarm in case of malfunction       visual and audible         Power failure alarm       immediately upon power failure for at least 12 hrs         volt free alarm contact       yes         Connectivity type       SmartModule         Connectivity solution       integrated, USB interface         Interface       WiFi/LAN         Data logger       integrated, USB interface         Usable shelf area in mm (w / d)       600 / 536         Shelf Inading       60 kg         Maximum total load       300 kg         Castors       castors with brake at the front, fixed castors at the rear         Handle       antimicrobial handle with openin	Energy consumption in 365 days	171 kWh <sup>1</sup>
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Defrosting       automatic         Temperature range       +3 °C to +16 °C         Gradient / max. fluctuation       2.2 °C ² / 1.7 °C ³         Housing material/colour       steel / white         Door material       steel         Liner Material       commercial grade moulded polystyrol         Type of Control       2.4 °t ouch & swipe colour display         Alarm in case of malfunction       visual and audible         Power failure alarm       immediately upon power failure for at least 12 hrs         volt-free alarm contact       yes         Connectivity solution       integrated, removable         Interface       WiFi/LAN         Data logger       integrated, USB interface         Interface       WiFi/LAN         Data logger       integrated, USB interface         Interior light       LED lighting column, left         Adjustable Shelving       5         Shelf material       wire shelves plastic-coated         Usable shelf area in mm (w / d)       600 / 536         Shelf loading       60 kg         Maximum total load       300 kg         Castors       castors with brake at the front, fixed castors at the rear         Handle       antimicrobial handle with opening mechanism         Access p	Frequency / voltage	50 Hz / 220-240 V~
Temperature range       +3 °C to +16 °C         Gradient / max. fluctuation       2.2 °C ² / 1.7 °C ³         Housing material/colour       steel / white         Door material       steel         Liner Material       commercial grade moulded polystyrol         Type of Control       2.4" touch & swipe colour display         Alarm in case of malfunction       visual and audible         Power failure alarm       immediately upon power failure for at least 12 hrs         volt-free alarm contact       yes         Connectivity type       SmartModule         Connectivity solution       integrated, removable         Interior light       LED lighting column, left         Adjustable Shelving       5         Shelf material       wire shelves plastic-coated         Usable shelf area in mm (w / d)       600 / 536         Shelf loading       60 kg         Maximum total load       300 kg         Castors       castors with brake at the front, fixed castors at the rear         Handle       antimicrobial handle with opening mechanism         Access ports       1 x Ø 10 mm         DIN 13277       yes         Type of lock       mechanical         Door hinges       right, reversible on site         Gross/net wei	Cooling system	forced-air
Gradient / max. fluctuation       2.2 °C ² / 1.7 °C ³         Housing material/colour       steel / white         Door material       steel         Liner Material       commercial grade moulded polystyrol         Type of Control       2.4" touch & swipe colour display         Alarm in case of malfunction       visual and audible         Power failure alarm       immediately upon power failure for at least 12 hrs         volt-free alarm contact       yes         Connectivity type       SmartModule         Connectivity solution       integrated, removable         Interface       WiFi/LAN         Data logger       integrated, USB interface         Interior light       LED lighting column, left         Adjustable Shelving       5         Shelf material       wire shelves plastic-coated         Usable shelf area in mm (w / d)       600 / 536         Shelf loading       60 kg         Maximum total load       300 kg         Castors       castors with brake at the front, fixed castors at the rear         Handle       antimicrobial handle with opening mechanism         Access ports       1 x Ø 10 mm         DIN 13277       yes         Type of lock       mechanical         Door hinges       r	Defrosting	automatic
Housing material/colour       steel / white         Door material       steel         Liner Material       commercial grade moulded polystyrol         Type of Control       2.4" touch & swipe colour display         Alarm in case of malfunction       visual and audible         Power failure alarm       immediately upon power failure for at least 12 hrs         volt-free alarm contact       yes         Connectivity type       SmartModule         Connectivity solution       integrated, removable         Interface       WiFi/LAN         Data logger       integrated, USB interface         Interior light       LED lighting column, left         Adjustable Shelving       5         Shelf material       wire shelves plastic-coated         Usable shelf area in mm (w / d)       600 / 536         Shelf loading       60 kg         Maximum total load       300 kg         Castors       castors with brake at the front, fixed castors at the rear         Handle       antimicrobial handle with opening mechanism         Access ports       1 x Ø 10 mm         DIN 132277       yes         Type of lock       mechanical         Door hinges       right, reversible on site         Gross/net weight       94/80	Temperature range	+3 °C to +16 °C
Door material       steel         Liner Material       commercial grade moulded polystyrol         Type of Control       2.4" touch & swipe colour display         Alarm in case of malfunction       visual and audible         Power failure alarm       immediately upon power failure for at least 12 hrs         volt-free alarm contact       yes         Connectivity type       SmartModule         Connectivity solution       integrated, removable         Interface       WiFi/LAN         Data logger       integrated, USB interface         Interior light       LED lighting column, left         Adjustable Shelving       5         Shelf material       wire shelves plastic-coated         Usable shelf area in mm (w / d)       600 / 536         Shelf loading       60 kg         Maximum total load       300 kg         Castors       castors with brake at the front, fixed castors at the rear         Handle       antimicrobial handle with opening mechanism         Access ports       1 x Ø 10 mm         DIN 13277       yes         Type of lock       mechanical         Door hinges       right, reversible on site         Gross/net weight       94/80 kg	Gradient / max. fluctuation	2.2 °C ² / 1.7 °C ³
Liner Material       commercial grade moulded polystyrol         Type of Control       2.4" touch & swipe colour display         Alarm in case of malfunction       visual and audible         Power failure alarm       immediately upon power failure for at least 12 hrs         volt-free alarm contact       yes         Connectivity type       SmartModule         Connectivity solution       integrated, removable         Interface       WiFi/LAN         Data logger       integrated, USB interface         Interior light       LED lighting column, left         Adjustable Shelving       5         Shelf material       wire shelves plastic-coated         Usable shelf area in mm (w / d)       600 / 536         Shelf loading       60 kg         Maximum total load       300 kg         Castors       castors with brake at the front, fixed castors at the rear         Handle       antimicrobial handle with opening mechanism         Access ports       1 x Ø 10 mm         DIN 13277       yes         Type of lock       mechanical         Door hinges       right, reversible on site         Gross/net weight       94/80 kg	Housing material/colour	steel / white
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Alarm in case of malfunction       visual and audible         Power failure alarm       immediately upon power failure for at least 12 hrs         volt-free alarm contact       yes         Connectivity type       SmartModule         Connectivity solution       integrated, removable         Interface       WiFi/LAN         Data logger       integrated, USB interface         Interior light       LED lighting column, left         Adjustable Shelving       5         Shelf material       wire shelves plastic-coated         Usable shelf area in mm (w / d)       600 / 536         Shelf loading       60 kg         Maximum total load       300 kg         Castors       castors with brake at the front, fixed castors at the rear         Handle       antimicrobial handle with opening mechanism         Access ports       1 x Ø 10 mm         DIN 13277       yes         Type of lock       mechanical         Door hinges       right, reversible on site         Gross/net weight       94/80 kg	Liner Material	commercial grade moulded polystyrol
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Connectivity type       SmartModule         Connectivity solution       integrated, removable         Interface       WiFi/LAN         Data logger       integrated, USB interface         Interior light       LED lighting column, left         Adjustable Shelving       5         Shelf material       wire shelves plastic-coated         Usable shelf area in mm (w / d)       600 / 536         Shelf loading       60 kg         Maximum total load       300 kg         Castors       castors with brake at the front, fixed castors at the rear         Handle       antimicrobial handle with opening mechanism         Access ports       1 x Ø 10 mm         DIN 132277       yes         Type of lock       mechanical         Door hinges       right, reversible on site         Gross/net weight       94/80 kg	Power failure alarm	immediately upon power failure for at least 12 hrs
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Interface       WiFi/LAN         Data logger       integrated, USB interface         Interior light       LED lighting column, left         Adjustable Shelving       5         Shelf material       wire shelves plastic-coated         Usable shelf area in mm (w / d)       600 / 536         Shelf loading       60 kg         Maximum total load       300 kg         Castors       castors with brake at the front, fixed castors at the rear         Handle       antimicrobial handle with opening mechanism         Access ports       1 x Ø 10 mm         DIN 13277       yes         Type of lock       mechanical         Door hinges       right, reversible on site         Gross/net weight       94/80 kg	Connectivity type	SmartModule
Data logger       integrated, USB interface         Interior light       LED lighting column, left         Adjustable Shelving       5         Shelf material       wire shelves plastic-coated         Usable shelf area in mm (w / d)       600 / 536         Shelf loading       60 kg         Maximum total load       300 kg         Castors       castors with brake at the front, fixed castors at the rear         Handle       antimicrobial handle with opening mechanism         Access ports       1 x Ø 10 mm         DIN 13277       yes         Type of lock       mechanical         Door hinges       right, reversible on site         Gross/net weight       94/80 kg	Connectivity solution	integrated, removable
Interior light       LED lighting column, left         Adjustable Shelving       5         Shelf material       wire shelves plastic-coated         Usable shelf area in mm (w / d)       600 / 536         Shelf loading       60 kg         Maximum total load       300 kg         Castors       castors with brake at the front, fixed castors at the rear         Handle       antimicrobial handle with opening mechanism         Access ports       1 x Ø 10 mm         DIN 13277       yes         Type of lock       mechanical         Door hinges       right, reversible on site         Gross/net weight       94/80 kg	Interface	WiFi/LAN
Adjustable Shelving       5         Shelf material       wire shelves plastic-coated         Usable shelf area in mm (w / d)       600 / 536         Shelf loading       60 kg         Maximum total load       300 kg         Castors       castors with brake at the front, fixed castors at the rear         Handle       antimicrobial handle with opening mechanism         Access ports       1 x Ø 10 mm         DIN 13277       yes         Type of lock       mechanical         Door hinges       right, reversible on site         Gross/net weight       94/80 kg	Data logger	integrated, USB interface
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Shelf loading       60 kg         Maximum total load       300 kg         Castors       castors with brake at the front, fixed castors at the rear         Handle       antimicrobial handle with opening mechanism         Access ports       1 x Ø 10 mm         DIN 13277       yes         Type of lock       mechanical         Door hinges       right, reversible on site         Gross/net weight       94/80 kg	Shelf material	wire shelves plastic-coated
Maximum total load       300 kg         Castors       castors with brake at the front, fixed castors at the rear         Handle       antimicrobial handle with opening mechanism         Access ports       1 x Ø 10 mm         DIN 13277       yes         Type of lock       mechanical         Door hinges       right, reversible on site         Gross/net weight       94/80 kg	Usable shelf area in mm (w / d)	600 / 536
Castors       castors with brake at the front, fixed castors at the rear         Handle       antimicrobial handle with opening mechanism         Access ports       1 x Ø 10 mm         DIN 13277       yes         Type of lock       mechanical         Door hinges       right, reversible on site         Gross/net weight       94/80 kg	Shelf loading	60 kg
Handle       antimicrobial handle with opening mechanism         Access ports       1 x Ø 10 mm         DIN 13277       yes         Type of lock       mechanical         Door hinges       right, reversible on site         Gross/net weight       94/80 kg	Maximum total load	300 kg
Access ports1 x Ø 10 mmDIN 13277yesType of lockmechanicalDoor hingesright, reversible on siteGross/net weight94/80 kg	Castors	castors with brake at the front, fixed castors at the rear
DIN 13277     yes       Type of lock     mechanical       Door hinges     right, reversible on site       Gross/net weight     94/80 kg	Handle	antimicrobial handle with opening mechanism
Type of lock     mechanical       Door hinges     right, reversible on site       Gross/net weight     94/80 kg	Access ports	1 x Ø 10 mm
Door hingesright, reversible on siteGross/net weight94/80 kg		yes
Gross/net weight 94/80 kg		
		<b>5</b> ,
EAN-Nr. 9005382246450		94/80 kg
	EAN-Nr.	9005382246450

<sup>1</sup> Measured at +25 °C ambient temperature and +5 °C set temperature for fridges

and -20 °C for freezers.
 <sup>2</sup> Gradient as defined in EN 60068-3: the difference between the warmest and coldest average measurements, increased by their expanded uncertainty,

<sup>1</sup> Max. fluctuation as per EN 60068-3: greatest fluctuation value determined throughout the duration of measurements.

