

External dimensions

Height (mm)	888
Width (mm)	1022
Depth(mm)	778

Internal dimensions

Freezer height (mm)	-
Freezer width (mm)	-
Freezer depth (mm)	-
Refrigerator height (mm)	463
Refrigerator width (mm)	452
Refrigerator depth (mm)	402

Volumes

Refrigerator gross volume (litres)	-
Freezer gross volume (litres)	-
Vaccine Storage Capacity (litres)	80.5

Ship dimensions

Weight net (kg)	94
Height (mm) Cardboard	1040
Width (mm) Cardboard	1060
Depth (mm) Cardboard	800
Volume (m3) Cardboard	0.88
Weight (kg) Cardboard	113

Height (mm) Wood	-
Width (mm) Wood	-
Depth (mm) Wood	-
Volume (m3) Wood	-
Weight (kg) Wood	-

Accessories

1 vaccine storage basket lockable lid 2 spacers	
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Active compression PQS

Vaccine refrigerator

TCW 80 AC

Technical details

Energy Source(s)	AC
Voltage	110-240V AC
Power	90W
Set-Point	+4°C
Compressor type	Compressor BD35K
Refrigerant	60g R600a
Thermostat	Electronic TCW 40SDD
Capillary tube	DU=0.66x 2500mm
Colour	blue according to RAL5015
CFC/HCFC free	yes
External / internal material	Polyethylene
Insulation material	100 mm Polyurethane foam / Foaming agent; Cyclopentane
Evaporator type	Rollbond
Installed Icelining	4 x 3.8L

Performance

Hold over time at 32°C	-
Hold over time at 43°C	72h09min
Energy consumption without IP freezing	-
Energy consumption with IP freezing	-
Energy consumption stable running	0.47 kWh/24h at day/night (43°C/25°C), intermittent
Energy consumption cool down	0.60kWh/24h at 43°C
Energy consumption during freezing	-
Ice Pack freezing	-
Cool down	9 days
Stable running, no IP freezing, full load (intermittent energy)	0.59 kWh/24h at 43°C
Stable running, no IP freezing, full load (continuous energy)	1.16 kWh/24h at 43°C
Frozen IP storage capacity (litres)	-
Climate Zone	Hot
Temperature Class	SN / T
Min rated ambient temperature	+5°C

Certification

WHO test procedure	E003 / RF05-VP.3	PQS Code	E003/101
WHO specifications	E003 / RF05.3	PIS Code	-
WHO test report	WHO 18-001	Freeze protection	Grade A
		Low Voltage Directive	IEC 60364-1: 2005
		EMC Directive	IEC 61000-6-1 & IEC 61000-6-3