

**Active compression PQS
Vaccine refrigerator
TCW 3000 DC**

External dimensions

Height (mm)	910
Width (mm)	1270
Depth(mm)	780

Internal dimensions

Freezer height (mm)	-
Freezer width (mm)	-
Freezer depth (mm)	-
Refrigerator height (mm)	350 (250)
Refrigerator width (mm)	930 (600)
Refrigerator depth (mm)	420

Volumes

Refrigerator gross volume (litres)	204
Freezer gross volume (litres)	-
Vaccine Storage Capacity (litres)	109.5

Ship dimensions

Weight net (kg)	94
Height (mm) Cardboard	1030
Width (mm) Cardboard	1300
Depth (mm) Cardboard	800
Volume (m3) Cardboard	1.07
Weight (kg) Cardboard	115

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

Accessories

5 vaccine storage baskets
lockable lid
2 spacers
36 waterpacks of 0.6L

Technical details

Energy Source(s)	DC
Voltage	12-24V DC
Power	96W
Set-Point	+5°C
Compressor type	Compressor BD80F
Refrigerant	100g R134a
Thermostat	Electronic TCW3000 DC
Capillary tube	DU = 0.6 x 3500mm
Colour	blue according to RAL5015
CFC/HCFC free	yes
External / internal material	Polyethylene
Insulation material	100 mm Polyurethane foam / Foaming agent; Cyclopentane
Evaporator type	Tube
Installed Icelining	36 x 0.6L

Performance

Hold over time at 32°C	-
Hold over time at 43°C	23.4h
Energy consumption without IP freezing	-
Energy consumption with IP freezing	-
Energy consumption stable running	1.01kWh/24h at 43°C
Energy consumption cool down	2.15kWh/24h at 43°C
Energy consumption during freezing	-
Ice Pack freezing	-
Cool down	20h
Stable running, no IP freezing, full load (intermittent energy)	1.01kWh/24h at 43°C
Stable running, no IP freezing, full load (continuous energy)	-
Frozen IP storage capacity (litres)	-
Climate Zone	Hot
Temperature Class	T
Min rated ambient temperature	+10°C

Certification

WHO test procedure	E003 / RF04-VP.1	PQS Code	E003/008
WHO specifications	E003 / RF04.1	PIS Code	-
WHO test report	Intertek A65440b	Freeze protection	Grade A
		Low Voltage Directive	2014/35/EC
		EMC Directive	-