

Active compression PQS

Vaccine refrigerator

TCW 3000 AC

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)	150

Ship dimensions

Weight net (kg)	105
Height (mm) Cardboard	1030
Width (mm) Cardboard	1300
Depth (mm) Cardboard	800
Volume (m3) Cardboard	1.07
Weight (kg) Cardboard	123

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)	AC
Voltage	220-240V / 50-60Hz
Power	220W
Set-Point	+5°C
Compressor type	Compressor NL9FT
Refrigerant	142g R134a
Thermostat	Electronic TCW3000 AC
Capillary tube	DU = 0.7 x 2700mm
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	53.17h
Energy consumption without IP freezing	-
Energy consumption with IP freezing	-
Energy consumption stable running	1.37kWh/24h at 43°C
Energy consumption cool down	1.32kWh/24h at 43°C
Energy consumption during freezing	-
Ice Pack freezing	-
Cool down	-
Stable running, no IP freezing, full load (intermittent energy)	1.64kWh/24h at 43°C
Stable running, no IP freezing, full load (continuous energy)	1.37kWh/24h at 43°C
Frozen IP storage capacity (litres)	-
Climate Zone	Hot
Temperature Class	T
Min rated ambient temperature	+15°C

Certification

WHO test procedure	E003 / RF03-VP.2	PQS Code	E003/017
WHO specifications	E003 / RF03.2	PIS Code	-
WHO test report	Cemafruid WHO11-015	Freeze protection	Grade A
		Low Voltage Directive	2014/35/EC
		EMC Directive	2014/30/EC