

External dimensions

Height (mm)	900
Width (mm)	1030
Depth(mm)	780

Internal dimensions

Freezer height (mm)	340
Freezer width (mm)	460
Freezer depth (mm)	410
Refrigerator height (mm)	-
Refrigerator width (mm)	-
Refrigerator depth (mm)	-

Volumes

Refrigerator gross volume (litres)	-
Freezer gross volume (litres)	64
Vaccine storage capacity (litres)	-
Blood storage capacity (litres)	-

Ship dimensions

Weight net (kg)	91.3
Height (mm) Cardboard	1060
Width (mm) Cardboard	1040
Depth (mm) Cardboard	800
Volume (m3) Cardboard	0.88
Weight (kg) Cardboard	119

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

Accessories

lockable lid
2 spacers
8 waterpacks 0.6L
8 waterpack holders
1 brush

Active Solar Direct Drive Waterpack freezer TFW 40 SDD

Technical details

Energy Source(s)	Solar / DC
Voltage	12-30V DC
Power	70W (at 20V DC)
Set-Point	-5°C
Compressor type	Compressor BD35K
Refrigerant	60g R600a
Thermostat	Electronic TFW 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
Weight fully loaded (kg)	91.3 + 60 x 0.6 + 8 x 0.6
Required Ice Packs	-
Installed Icelining	-

Performance

Hold over time at 32°C	-
Hold over time at 43°C	-
Cool down	313h
Stable running, no IP freezing, full load (intermittent energy)	-
Autonomy test	120h
Energy consumption stable running	0.59kWh/24h at 43°C
Energy consumption cool down	0.59kWh/24h at 43°C
Energy consumption during freezing	0.64kWh/24h at 43°C
Waterpack freezing capacity	2.16kg/24h at 43°C
max. waterpack storage capacity (kg)	11.24kg
Min rated ambient temperature	-
Climate Zone	Hot
Temperature class	-

Certification

WHO test procedure	E003 / FZ03-VP.1
WHO specifications	E003 / FZ03.1
WHO test report	WHO 15-036 corr.1
PQS Code	E003/073
Freeze protection	-
Low Voltage Directive	2014/35/EC
EMC Directive	-