

### External dimensions

Height (mm)	950
Width (mm)	730
Depth(mm)	730

### Internal dimensions

Freezer height (mm)	-
Freezer width (mm)	-
Freezer depth (mm)	-
Refrigerator height (mm)	420
Refrigerator width (mm)	255
Refrigerator depth (mm)	255

### Volumes

Refrigerator gross volume (litres)	26.5
Freezer gross volume (litres)	-
Vaccine storage capacity (litres)	16
Blood storage capacity (litres)	-

### Ship dimensions

Weight net (kg)	69.5
Height (mm) Cardboard	1088
Width (mm) Cardboard	770
Depth (mm) Cardboard	778
Volume (m3) Cardboard	0.65
Weight (kg) Cardboard	85
Height (mm) Wood	-
Width (mm) Wood	-
Depth (mm) Wood	-
Volume (m3) Wood	-
Weight (kg) Wood	-

### Accessories

2 vaccine storage basket lockable lid 2 spacers 1 compass 1 basic tool kit
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## Active Solar Direct Drive Vaccine refrigerator TCW 15R 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 TCW 15SDD
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)	69.5 + 16l Vaccine = 85.5
Required Ice Packs	-
Installed Icelining	4 x 3.2L and 4 x 0.6L and 2 x 0.6L PCM

### Performance

Hold over time at 32°C	123h 30min
Hold over time at 43°C	87h 48min
Cool down	36h
Stable running, no IP freezing, full load (intermittent energy)	0.43kWh/24h at 43°C
Autonomy test	81h52min
Energy consumption stable running	0.43kWh/24h at 43°C
Energy consumption cool down	0.43kWh/24h at 43°C
Energy consumption during freezing	-
Waterpack freezing capacity	-
max. waterpack storage capacity (kg)	-
Min rated ambient temperature	+10°C
Climate Zone	Hot
Temperature class	-

### Certification

WHO test procedure	E003 / RF05-VP.3
WHO specifications	E003 / RF05.3
WHO test report	Cemafruid WHO16-002
PQS Code	E003/067
Freeze protection	Grade A
Low Voltage Directive	2014/35/EC
EMC Directive	-