



E003:

Refrigerators and freezers

PQS code:	E003/119
Type of appliance:	Solar direct drive combined refrigerator/freezer
Manufacturer's reference:	VLS 076 RF SDD
Manufactured in:	Denmark
Company:	Vestfrost Solutions
Address:	A/S Vestfrost Falkevej 12 DK-6705 Esbjerg Ø Denmark

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Specifications

Climate zone:	Hot	Min rated ambient temp:	+5°C
Refrigerant:	R600a	Energy source:	Solar direct drive
Appliance tested at:	+43°C	Ext dimensions (HxLxD)	960 x 1280 x 650
Performance at:	+43°C	Fuel and cycle type:	Electric - compression
SOLAR DIRECT DRIVE REFRIGERATOR AND / OR FREEZER			Freeze protection: Grade A
Vaccine storage capacity: (Liters)	61.25 L	Gross volume (Liters):	34.3 L
Gross volume (Liters):	111 L	Waterpack freezing capacity:	3 x 0.6 L Waterpacks per/24h
		Waterpack storage capacity:	29 x 0.6 L Waterpacks
Autonomy as per WHO/PQS protocols	89.32 hrs	At a solar radiation reference period of:	3.5 kWh/m ² /day

Warning !

For solar direct drive units, the correct sizing of the solar panel array for a specific site is complex and critical. It must be agreed with both the appliance manufacturer and with the Qualified Supplier of the solar energy system at the time of ordering.

"Prices include Vestfrost Solutions SDD PV energy system, roof adjustable, plug & play; Unit equipped with unique QR code, that can be used along Vestfrost Solutions Unit tracker APP, containing various installation/service features.
As an option the appliance can be supplied with Vestfrost in-built RTMD; with following features:
1: 5" touch display 2: 3X internal temp. sensors 3: ambient temp. 4: compressor sensor 5: humidity sensor 6: lid opening alarm 7: GPS coordinates via Google maps 8: 1X USB 5V solar harvesting port. All data collected/logged is automatic via GPRS uploaded to Vestfrost RTMD performance data-portal, and/or can be accessed onsite from the touch screen menu.

Comments:

Accessories: Vaccine storage top basket; Bottom grating; 30 day electronic temperature logger; Self regulating temperature control; Electronic temperature reading; 2 x Keys; Instruction manual in 6 UN languages; Technical manual in 6 UN languages

Spare parts (ref, price): Comporssor (BD35K 101Z0211) 10-45V - 8-036510223
Thermostat refrigerator (Dixell) - 7095178
Thermostat freezer (Ranco) - 6520038
Fan Set refrigerator - 7090403
Fan Set freezer - 7030823
PV Thermometer - 7020392-03

Shipping volume: 1.15 m3 **Shipping weight:** 157 kg

Price year: 2021 **Incoterms:** EXW

Price

Quality standard: - ISO 9001:2008 - **Specification ref.**

Verification report: **Verification laboratory:** Danish Technological Institute

Current PQS status: *pre-qualified: 02 Feb 2021* **Validity until:** *May 2025*

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.