



E003: Refrigerators and freezers



Product name:	VFS 048 SDD
IMD-PQS Code:	E003-099
Status:	Prequalified
Date of acceptance:	23 Nov 2018
Appliance type:	E003
Product description:	Solar Direct Drive Waterpacks Freezer
Manufacturer:	Vestfrost Solutions
Manufacturers Reference:	VFS 048 SDD
Country of Manufacture:	Denmark
Address:	A/S Vestfrost Falkevej 12 DK-6705 Esbjerg Ø Denmark Denmark
Telephone:	+45 7914 2527
Email:	clc@vestfrostsolutions.com
Website address:	http://vestfrostsolutions.com/
Valid until:	31 May 2026

Specifications

PRODUCT SPECIFICATIONS - MAIN

Minimum rated ambient temperature (°C)	5.00	External dimensions length (mm)	650.00
External dimensions width (mm)	555.00	External dimensions height (mm)	850.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerant type	R600a	Solar radiation ref period (kWh/m2/day)	3.50
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PRODUCT SPECIFICATIONS - ADDITIONAL FREEZER

Freezer's gross volume (Litres)	34.30	Waterpack freezing capacity (Kg/24 hrs)	1.60
Waterpack storage capacity (Litres)	17.40		

Comments	Prices include the solar energy system consisting of 4x90Wp, roof adjustable, plug & play Energy requirements: 12V DC solar electric array. 360W radiation reference period 3.5kWh/m2/day. Stated shipping volume and weight, incl. complete Solar Energy System Freezer net volume: 50 L Range waterpack storage capacity: 20 - 100L Waterpack freezing capacity: 1.6 kg/24 h Waterpack storage capacity: 29 X0.6 L
List of accessories	Self-regulating temperature control. Electronic temperature reading. Locking lid + keys. Manual in 6 languages. Plywood packing
List of spare parts, Reference & Price	Included in the UNICEF Supply Division spare parts kit: 1 No. Compressor -1 10-45 V - Part No. 8-036510223 1 No. Thermostat (K-54-L2021 Ranco) - Part No. 6520038 1 No Electronic control unit - Part No. 6520845 (incl. in compressor) 1 No. Fan - Part No. 7030823 1 No. Thermometer - Part No. 7020287-03 Other parts are available as spares on request.

PRICE AND SHIPPING

Shipping volume (m3)	1.42	Shipping weight (kg)	167.00
Incoterms	EXW	Price 1	1-99 units: 2.635€
Year of base price	2018		

QUALITY STANDARD

Quality Standard	Other	Quality standard (Other)	ISO 9001:2008;ISO 14001
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Specification Reference	Applicable PQS specification: E003/FZ03.1 Applicable PQS VP(s): E003/FZ03-VP.1
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VERIFICATION

Verification Laboratory	Danish Technological Institute	Address	Gregersensvej DK-2630 Taastrup Danemark Denmark
Phone	+45 72202472	Email	hans.walloe@teknologisk.dk
Verification Report Reference	300-KLAB-17-118		

PRODUCT SITES

Organization name	Vestfrost Solutions
Address	A/S Vestfrost Falkevej 12 DK-6705 Esbjerg Ø Denmark Denmark

Current PQS status:	<i>Prequalified</i>	Valid until:	<i>31 May 2026</i>
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Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.