

Anexa 5. Congelator pentru vaccine

Caracteristici solicitate	Caracteristici oferite MF 314, VestFrost Solution
Congelator pentru vaccine Descriere Congelatoarele sunt concepute pentru a oferi stocare specializată pentru probe biologice, culturi de celule și alte materiale sensibile la temperatura. Parametrul Specificația Configurație orizontal Capacitatea 160 - 200 l Număr de rafturi ≥ 2 Ușa Externă 1 Mecanism blocare cu cheie Roți da Construcție interioară oțel inoxidabil Construcție exterioară cu acoperire anticorozivă Afișaj temperatură digital Alarmer acustică vizuală Răcire ventilată sau statică Domeniu de temperatură -20°C .. -28 °C Alimentare 220 V, 50 Hz Accesorii coșuri tip sertar divizoare pentru sertar Decongelare automată	Congelator pentru vaccine Descriere Congelatoarele sunt concepute pentru a oferi stocare specializată pentru probe biologice, culturi de celule și alte materiale sensibile la temperatura. Parametrul Specificația Configurație orizontal Capacitatea 280 l Număr de rafturi - nu. Dispune de 3 cosuri Ușa Externă 1 Mecanism blocare cu cheie Roți da Construcție interioară plastic rezistent Construcție exterioară cu acoperire anticorozivă Afișaj temperatură digital Alarmer acustică vizuală Răcire statică Domeniu de temperatură -18°C .. -28 °C Alimentare 220 V, 50 Hz Accesorii coșuri tip sertar – nu. 3 cosuri de tip basket divizoare pentru sertar - nu Decongelare automată – nu. manuala

PRODUCT

MF 314 VACCINE/ICEPACK FREEZER

The MF series provides vaccine storage and icepack freezing with stable temperature control in the range -18°C to -28°C. The units' thick insulation ensures exceptional hold-over time in case of power cut.

SPECIFICATIONS

Gross volume, litres (cu. ft.)	281 (9.92)
Icepack freezing capacity, kg/24h	7.2
Icepack storage capacity, pcs	256 x 0.6 L
Temperature range (+43°C AMB)	-18° to -28°C
Hold-over time, hours	4.0
Energy consumption - stable, kWh/24h	4.23
Energy consumption - cool down, kWh/24h	4.24
Energy consumption - freezing, kWh/24h	4.24
Refrigerant	R600a
WHO PQS code	E003/023
Climate class	T



FEATURES

Storage baskets, no	3
Temperature control	Automatic
Lock + keys	YES

DIMENSIONS

Height, mm (inches)	850 (33.46)
Width, mm (inches)	1.560 (61.41)
Depth, mm (inches)	600 (23.62)
Gross weight, kg (lbs)	108 (238)
Net weight, kg (lbs)	82 (180)
Shipping volume, m ³	1.16

LOADING QUANTITIES

Qty. per 20' / 40' container	18 / 42
Qty. per truck (EU standard)	48

Products are subject to change due to enhancements and continuous development. Vestfrost Solutions reserve the right to alter any information, without further notice.



COLD CHAIN SOLUTIONS

VESTFROST
SOLUTIONS

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Falkevej 12
DK-6705 Esbjerg Ø
www.vestfrostsolutions.com



PERFORMANCE QUALITY SAFETY



E003:

Refrigerators and freezers

PQS code:	E003/023
Type of appliance:	Vaccine/waterpacks freezer
Manufacturer's reference:	MF 314
Manufactured in:	Denmark
Company:	Vestfrost Solutions
Address:	A/S Vestfrost Falkevej 12 DK-6705 Esbjerg Ø Denmark
Telephone:	+45 7914 2555; +45 7914 2248
Email:	clc@vestfrostsolutions.com ; bjn@vestfrostsolutions.com
Web address:	http://vestfrostsolutions.com/

Specifications

Climate zone:	Hot	Min rated ambient temp:	N/A
Refrigerant:	R600a	Energy source:	Electric Mains 220-240V 50/60Hz or Electric Mains 115/60Hz optional
Appliance tested at:	+43°C	Ext dimensions (HxLxD)	84 x 156 x 70 cm
Performance at:	+43°C	Fuel and cycle type:	Electric - compression

REFRIGERATOR		FREEZER		Freeze protection: N/A
Vaccine storage capacity: (Litres)	N/A			
Gross volume (Litres):	N/A	Gross volume:	281 L	
Holdover time (hours):	4.0 hours	Waterpack freezing capacity:	7.2 kg/24h	
Energy consumption, stable running (kWh/24 hours):	4.23 kWh/24h		256 x 0.6 L	
		Waterpack storage capacity:		
Energy consumption, cool down test (kWh/24 hours):	4.29 kWh/24h	Energy consumption during freezing:	4.24 kWh/24h	

Comments:	Vaccine/waterpacks freezer MF314; option electric mains 115V 60Hz		
Accessories:	3 Baskets External electronic temperature reading. Locking lid + keys. Manual in 6 languages. Plywood packing.		
Spare parts (ref, price):	Included in the UNICEF Supply Division spare parts kit: 1 No Compressor - FR 10G, Freezer, Complete, R134a - Part No.8-036038858 1 No Thermostat, freezer - Part No.7020239 1 No Starting device, 103N0021, Part No.A921115 1 No Thermometer, solar, Part No.7020164 Other parts are available as spares on request.		
Shipping volume:	1.161m3	Shipping weight:	108.5 kg
Price year	2016	Incoterms	FCA
Price			
Quality standard:	- ISO 9001:2008 - ISO 14001 - DS/OHSAS 18001:2008 -	Specification ref.	
Verification report:	A66542-3 issue 1	Verification laboratory:	Intertek UK
Current PQS status:	pre-qualified: 01 Dec 2011	Validity until:	May, 2021

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

BUREAU VERITAS
Certification



A/S Vestfrost

Falkevej 12, 6705 Esbjerg Ø, Denmark

Bureau Veritas Certification Denmark A/S certifies that the Management System of the above organization has been audited and found to be in accordance with the requirements of the management system standards detailed below.

Standard

DS/EN ISO 13485:2016

Scope of certification

Design, development, manufacture, distribution and after-sales service of medical refrigerators and freezers and accessories for the medical, scientific and pharmaceutical field.

Original cycle start date:	27 July 2016
Expiry date of previous cycle:	NA
Certification/Recertification Audit date:	NA
Certification/Recertification cycle start date:	21 January 2019

Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on: **20 January 2022**

Certificate No.: DK010678 Version: 1 Revision date: **21 January 2019**

Certification Office: *Bureau Veritas Certification Denmark A/S
Oldenborggade 25-31, 7000 Fredericia, Denmark*

Further clarifications regarding the scope of this certificate and the applicability of the Management System requirements may be obtained by consulting the organization. To check this certificate validity, please call **(+45) 77 311 000**.

 **DANAK**
SYSTEM Reg.nr. 5005

