



E003: Refrigerators and freezers



No image available

Product name:	MDFU-19
IMD-PQS Code:	E003-147
Status:	Prequalified
Date of acceptance:	16 Feb 2026
Appliance type:	E003
Product description:	Waterpacks freezer
Manufacturer:	Mark Enterprises
Manufacturers Reference:	MDFU-19
Country of Manufacture:	India
Address:	Shed No.1, Plot No.93/2, Street No.17, City: MIDC Satpur, Nashik, Maharashtra Nashik Maharashtra India
Telephone:	+91 7276009009
Email:	certifications@markent.co.in
Valid until:	31 May 2027

Specifications

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	-10.00
Relative Humidity (Min)	5.00	Relative Humidity (Max)	95.00
Hold over time (hours:mn)	05:00	External dimensions length (mm)	1565.00
External dimensions width (mm)	700.00	External dimensions height (mm)	925.00
Appliance tested at (°C)	43.00	Performance at" (°C)	43.00
Ambient temperature during testing (°C)	43.00	Fuel and refrigeration cycle	Electric, Compression Cycle, R600a refrigerant
Energy source	Electric (Mains Power 220–240 V, 50/60 Hz)	Lining	Corrosion-resistant, UV-protected internal and external cabinet (DIN 8985 compliant)
Energy Consumption During Freezing (kWh/24h)	1.8500	Energy Consumption Cool Down (kWh/24h)	1.8500
Energy Consumption Continuous Power (kWh/24h)	1.8110		

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Solar radiation ref period (kWh/m2/day)	0.00
--	------

PRODUCT SPECIFICATIONS - ADDITIONAL FREEZER

Freezer type	Vaccine /Waterpacks freezer	Freezer net volume	280
Freezer's gross volume (Litres)	300.00	Waterpack freezing capacity (Kg/24 hrs)	25.80

List of accessories	1 kVA / 1 Phase Voltage Stabilizer – WHO PQS approved (PQS Code: E007/07) Externally readable cabinet-mounted electronic thermometer – WHO PQS approved (PQS Code: E006/081) Two keys User manual Vaccine loading and storage instruction labels affixed to the cabinet
----------------------------	--

List of spare parts, Reference & Price

AC Compressor : HXK12AT R600a - ME/STR/VF19/001 WOT Condenser - ME/STR/VF19/002
 Drier Filter - ME/STR/VF19/003 Starting Capacitor : 4 uF - ME/STR/VF19/004 AC Fan Motor -
 ME/STR/VF19/005 Control Panel - ME/STR/VF19/006 Temperature Sensors : NTC -
 ME/STR/VF19/007 Temperature Controller : Dixell XR30CX - ME/STR/VF19/008 Thermometer :
 Solar Operated - ME/STR/VF19/009 ON/OFF Switch - ME/STR/VF19/010 Mains Indicator Lamp :
 Red - ME/STR/VF19/011 Compressor Indicator Lamp : Green - ME/STR/VF19/012 Electrical Wiring
 : 1 sq mm - ME/STR/VF19/013 Temperature Monitoring Data Logger : PQS Code E006/081 -
 ME/STR/VF19/014 Mains Cord : 3 Core 1 sq mm - ME/STR/VF19/015 Voltage Stabilizer : PQS
 Code E007/007 - ME/STR/VF19/016 Door Handle - ME/STR/VF19/017 Key, Set : 2 pc -
 ME/STR/VF19/018 Door Hinges with PVC Cover - ME/STR/VF19/019 Basket with Handles : 9 Nos.
 SS304 Material - ME/STR/VF19/020 Foot with Bolts (Adjustable Foot) - ME/STR/VF19/021
 Complete Base Plate Fitting - ME/STR/VF19/022 Drain Plug : Ø6 - ME/STR/VF19/023

PRICE AND SHIPPING

Shipping volume (m3)	1.01	Shipping weight (kg)	110.00
Minimum order	1.00	Units per package	1.00
Incoterms	EXW	Price 1	per unit is 3500 USD
Price 2	per 10 units is 34,125 USD	Price 3	per 100 units is 332,500 USD
Year of base price	2025		

QUALITY STANDARD

Quality Standard	ISO 9001: 2000	Specification Reference	Applicable PQS specification: E003/FZ01.2 Applicable PQS VP(s):
-------------------------	----------------	--------------------------------	---

VERIFICATION

Verification Laboratory	0013X00004MI8OnQAJ	Verification Report Reference	4791197699 -04-OTHER-S1- A1, dated 2 May 2024
--------------------------------	--------------------	--------------------------------------	--

PRODUCT SITES

Organization name	Mark Enterprises
Address	Shed No.1, Plot No.93/2, Street No.17, City: MIDC Satpur Nashik Maharashtra India

Current PQS status:	<i>Prequalified</i>	Valid until:	<i>31 May 2027</i>
----------------------------	---------------------	---------------------	--------------------

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