



CEPROM[®] S.A.

PRODUCT CERTIFICATION
BODY

440240 Satu Mare, str. Fântânele, No. 23/A, Romania
tel. +40.0361.804795; fax +40.0361.804796
www.ceprom.ro ; e-mail: ceprom@ceprom.ro



CERTIFICATE OF CONFORMITY

No. 4723-CI-32026

Technical File No. 4723-CI-32026/TCF/CC/LVD-01

Applicant:

COLDCHAIN CONTROLS
96-A, 2nd floor, A.K. Nagar, Sri Ganapathy
Complex, Saibaba Colony, Coimbatore-641011
(Tamil Nadu) India

Manufacturer:

COLDCHAIN CONTROLS
S.F.No.280/1B, Irugurkarar Thottam, Selva
Lakshmipuram, Sarguna Mill Compound Road,
Kannampalayam Village, Coimbatore -641 402,
(Tamil Nadu) India

Description of product:

Product:

ICE LINED REFRIGERATOR & FREEZER

Models:

**ICE LINED BLOOD BANK REFRIGERATOR, ICE LINED
DEEP FREEZER, ICE LINED REFRIGERATOR**

Reference standards: IEC 61010-1:2010+A1:2016

Based on our assessment we confirm that the product is in accordance with the technical requirements of the above standards and hence fulfils the technical requirements of the

Low Voltage Directive 2014/35/EU

The manufacturer shall affix the CE marking to each product that is in conformity with those described in this Certificate of conformity, after completion of the EU Declaration of Conformity and in accordance with the above directives.

The assessment activity for the product described in this Certificate of Conformity was carried out in compliance with Scheme 1a, cf. EN ISO/IEC 17067:2013 with Assessment Report and doesn't belong in the scope of the notification under harmonised European Union product legislation.

The manufacturer must ensure the assessment of conformity with internal controls on the manufacture of the above product, in accordance with Annex III of 2014/35/EU Directive.

This Certificate of Conformity was issued on voluntary basis of manufacturer and is only valid for the product and configuration described (annex), in conjunction with the detailed test data and with all applicable legal requirement for the product.

Annex: Product identification - 2 pages

Issuing Date: 28.04.2026

Expiry Date: 27.04.2031

GENERAL MANAGER

eng. Cristian SOPONOS



EUROPEAN UNION

Satu Mare, Romania

CEPROM-CERT Manager

eng. Vasile ZELE



E.S.

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ANNEX

to the Certificate of Conformity no. 4723-CI-32026

PRODUCT IDENTIFICATION

The Product:

ICE LINED REFRIGERATOR & FREEZER

*models:

ICE LINED BLOOD BANK REFRIGERATOR, ICE LINED DEEP FREEZER, ICE LINED REFRIGERATOR

*manufactured by:

COLDCHAIN CONTROLS

*headquarters address:

S.F.No.280/1B, Irugurkarar Thottam, Selva Lakshmipuram, Sarguna Mill Compound Road, Kannampalayam Village, Coimbatore -641 402, (Tamil Nadu) India.

*place of manufacture:

S.F.No.280/1B, Irugurkarar Thottam, Selva Lakshmipuram, Sarguna Mill Compound Road, Kannampalayam Village, Coimbatore -641 402, (Tamil Nadu) India

*domain of use:

An ice-lined refrigerator (ILR) & freezer is used in applications where stable, reliable cold storage of blood is critical, especially in environments with unreliable power.

*Technical File content:

- General description of the equipment;
- Conceptual design and manufacturing drawings and schemes of components;
- Instruction manual;
- The list of standards applied;
- Test reports;
- Declaration of conformity;

CEPROM-CERT Manager

eng. Vasile ZELE





PRODUCT IDENTIFICATION

The Product: **ICE LINED REFRIGERATOR & FREEZER**

*constructive and functional characteristics:

<i>Model</i>	<i>M.U.</i>	<i>Ice Lined Blood Bank Refrigerator</i>	<i>Ice Lined Deep Freezer</i>	<i>Ice Lined Refrigerator</i>
<i>Hold over time</i>	<i>h</i>	<i>Up to 24 hours</i>	<i>Up to 24 hours</i>	<i>28-32 hours on all practical conditions and 55-60 hours in controlled temperature</i>
<i>Freezing technology</i>	<i>-</i>	<i>Grade A-freeze free technology</i>	<i>Grade A-freeze free technology</i>	<i>Grade A-freeze free technology</i>
<i>Temperature range</i>	<i>°C</i>	<i>+2 to +6</i>	<i>-15 to -25</i>	<i>+2 to +8</i>
<i>Blood bag capacity</i>	<i>No.</i>	<i>30-250 bags</i>	<i>-</i>	<i>-</i>
<i>Power consumption</i>	<i>-</i>	<i>Less than 12-15 units/month</i>	<i>Less than 12-15 units/month</i>	<i>Less than 12-15 units/month</i>
<i>Insulation material</i>	<i>-</i>	<i>CFC-Polyethylene</i>	<i>CFC-Polyethylene</i>	<i>CFC-Polyethylene</i>
<i>Secondary refrigeration</i>	<i>-</i>	<i>Phase change/eutectic (3rd generation) material</i>	<i>Phase change/ eutectic (3rd generation) material</i>	<i>Phase change/ eutectic (3rd generation) material</i>
<i>Basket material</i>	<i>-</i>	<i>304 grade stainless steel</i>	<i>304 grade stainless steel</i>	<i>304 grade stainless steel</i>
<i>Door type</i>	<i>-</i>	<i>chest / top open door</i>	<i>chest / top open door</i>	<i>dual chamber</i>
<i>Capacity available</i>	<i>l</i>	<i>150-800</i>	<i>150-800</i>	<i>150-800</i>
<i>Evaporation</i>	<i>-</i>	<i>Evaporator fan</i>	<i>Evaporator fan</i>	<i>-</i>
<i>Physical appearance</i>	<i>-</i>	<i>Rectangular</i>	<i>Rectangular</i>	<i>-</i>
<i>Security</i>	<i>-</i>	<i>lock and key</i>	<i>lock and key</i>	<i>lock and key</i>
<i>Foaming agent</i>	<i>-</i>	<i>Cyclopentane (cfc free)</i>	<i>Cyclopentane (cfc free)</i>	<i>Cyclopentane (cfc free)</i>
<i>Mobility</i>	<i>-</i>	<i>Castor wheels</i>	<i>Castor wheels</i>	<i>Castor wheels</i>
<i>Partitions</i>	<i>-</i>	<i>3</i>	<i>3</i>	<i>3</i>
<i>Control</i>	<i>-</i>	<i>Dual indicators (power on/off)</i>	<i>Dual indicators (power on/off)</i>	<i>Dual indicators (power on/off)</i>
<i>Temperature monitoring</i>	<i>-</i>	<i>-</i>	<i>IOT/GSM based online temperature monitoring logger</i>	<i>IOT/GSM based online temperature monitoring logger</i>
<i>Additional power source features</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>Solar Power Energy</i>

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