

Project Name: _____
 Location: _____
 Item: _____ Quantity: _____
 Date: _____

Model:
BBM7BG

Reach-in: Blood Bank refrigerator
 1 Glass doors - R290 Propane refrigerant



CLASS II

Medical Device :
 Class II -510 (k) exempt



Hole for probe



Top protection grid



Digital controller



Dry f contact



Drawers



Back-up battery



Magnetic removable gasket without tools



Internal bottom made in S/S with stamped rounded corners to facilitate the cleaning procedures.



Power / on/off / dry contact

Standard Features:

BLOOD BANK UNDERCOUNTER

Our high-performance blood bank reach-in is designed to meet strict requirements for the storage of blood. Is designed with enduring quality that will improve the efficiency and production of your labor. Constructed with galvanized steel anticorrosion treated with PVC film .

INTERIOR and EXTERIOR

In hot-dip galvanized steel, anticorrosion treated and white PVC film coated exterior and interior.

REFRIGERANT GAS

Environmentally friendly R290 (Propane).

REFRIGERATION

- Traditional cooling system
 - Factory pre-set to 4°C (39,2°F) to meet blood storage guidelines

LEGS/CASTORS

Unidirectional castors

POWER CORD

Cord and plug supplied

GLASS DOOR

Glass door including LED-strip

DRAWER

Nr. 6 drawers to store plasma / blood bags

STORAGE

- Storage capacity: 330 plasma bags 450ml

TEMPERATURE CONTROLLER

Electronic digital controller - Max 3 probes -Power failure alarm - High/low temperature alarm - Probe error alarm - Temperature alarm after door opening - Back-up battery- Pass through (hole Ø 32 Optional)- RTD 1000 monitoring probe in Glycerine bottle - Dry contact for remote alarm

INSULATION

Ciclopentane High density foamed in place environmentally friendly.

Kyoto Protocol Compliant:

ODP= 0 (Ozone Depletion Potential)

GWP= 5 (Global Warming Potential) polyurethane keeps energy costs low.

PASS THROUGH

Probe hole Ø 32 (Optional)

BLOOD BANK

FDA listed Class II Medical Device, 510K exempt

Options:

- Stainless steel wiring shelf or extra shelf
- S/Steel drawers
- Datalogger with Bluetooth dongle or alternativ RS 485
- Datalogger with WiFi dongle and datastorage by cloud

*Specification may change without prior notice

Construction specifications:

DESIGN

Desmon reach-in for blood bank is manufactured in Italy with enduring ergonomic features to protect your long term investment. Designed using the highest technologies, quality materials and components to provide the user with colder product temperatures, lower utility costs.

CABINET CONSTRUCTION

All made with galvanised steel anticorrosion treated and white PVC film coated external and internal. Higher insulation rates thanks to high-tech environmentally friendly CFC free, Cyclopentane foaming keeping insulation properties longer than other foams. 5% of energy consumption savings guarantee if compared to other CFC free foams. Interior "rounded corners".

REFRIGERATION SYSTEM

Factory engineered, monobloc system using environmentally friendly R290 refrigerant (Propane). Evaporator coil & condenser balanced for low power consumption - holding the widest temperature range in its class: Temperature Range, getting the best in medical preservation: Coolers adjustable from (0°C to 16°C/ 32 to 60.8°F). Sealed, cast iron, self-lubricating evaporator fan motor(s) and larger fan blades with a more efficient low velocity, high volume airflow design. Ensuring faster temperature recovery and shorter run times in the busiest of medical labor service environments.

DOORS

Glass door extends full width of cabinet shell. External door handle - Magnet seal - Gasket of one piece construction, removable without tools for ease of cleaning.

DRAWERS

Nr. 6 drawers to storage plasma/blood bags

MODEL FEATURES

1 digital display adjustable with alarms. - Evaporator is epoxy coated to eliminate the potential of corrosion.

LIGHTING

LED lighting - lights activated by micro-switch mounted above door. Glass door LED lights internal in the door.

ELECTRICAL

Unit completely pre-wired at factory and ready for final connection to a dedicated outlet.

Cord and plug set included: Voltages: 230V/50Hz/1 phase

CERTIFICATE: Medical device class II -510 (k) exempt

UL 61010-1, 3rd Edition, May 11, 2012, Revised April 29 2016, CAN/CSA-C22.2 No. 61010-1-12, 3rd Edition, Revision dated April 29 2016. UL 61010-2-011 1st edition, CAN/CSA-C22.2 NO. 61010-2-011:17

IEC 60601-1-2 EMC for US/CA

ISO 14001

ISO 13485

• OPTIONS AND ACCESSORIES (for Blood bank refrigerators)

Blood bank refrigerators and freezers are enhanced with options and accessories specifically designed to satisfy customer needs. Many optional are factory installed and must be requested on your refrigerator and freezer purchase order. Customer -Installed options may require the services of a factory authorized technician.

Before ordering optionals to be installed in a products on field :

Provide the Serial number tags for all the Blood Bank refrigerators with the model numbers and the electrical rating; information are requested for accurate selection of options suitable for field installation. It is recommended that the optionals are ordered in the purchase order of the finished product, in fact Factory-installed options eliminate down-time during product installation.

Built-in battery uses customer supplied 12V battery.

• FREE-STANDING REMOTE ALARM

4-20 milliamps(mA) transmitters offer a point-to point circuit to transmit signals from refrigerator and freezer sensors to a controller, sending an analog signal from 4 to 20 milliamps

All single Blood bank refrigerators are right -hand hinged by factory, left hand hinged doors are available on request. Door swing direction cannot be changed on double door refrigerators.

Special electrical plugs : For countries where NEMA 5-15, 6-15 and Continental EU plugs are not standard. The request must be specified on the purchase order.

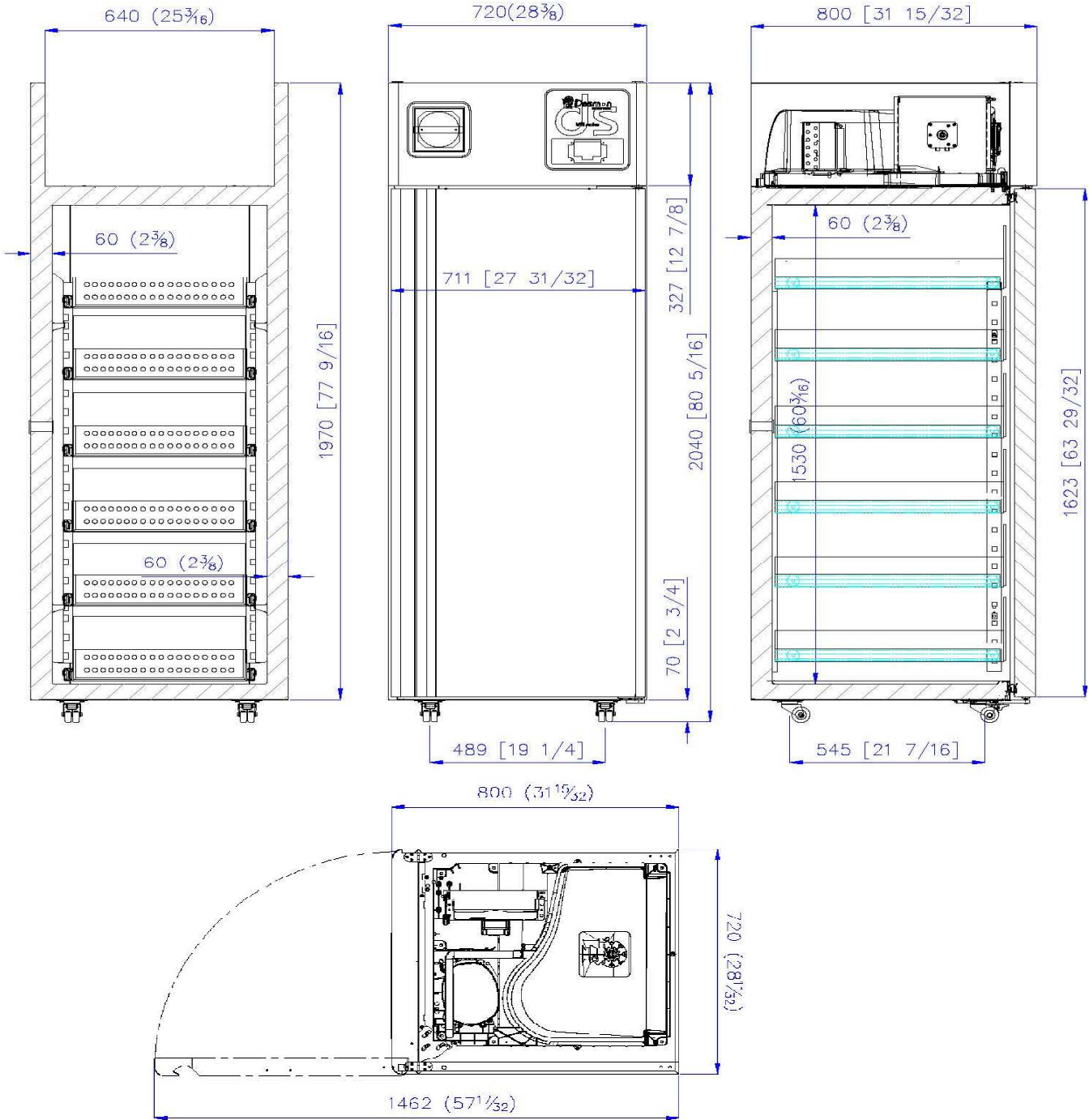
• HEMATOLOGY AND PATHOLOGY DEVICES - Part 864

Subpart J-Products used in establishments that manufacture blood and blood products. Sec. 864.9700 blood storage refrigerator and blood storage freezer.

(a) Identification. A blood storage refrigerator and a blood storage freezer are devices intended for medical purposes that are used to preserve blood and blood products by storing them at cold or freezing temperatures.

(b) Classification. Class II (special controls). The device is exempt from the premarket notification procedures in subpart E of part 807 of this chapter subject to 864.9. Regulation Number 864.9700

Architect Corner



Model	Capacity bags 450ml	Ambient temp. °C/°F	Cabinet / Packing Dimensions			Voltage	Amp	Shipping Weight
BBM7BG	330	32° / 89,6°	mm / inches			230/50/1	1,6	240kg/530Lbs
Temp. °C / °F	Glass Door	Absorbed Power W	L	D	H	Plug	Drawers	Gas
0° , 16° C 32° , 60,8° F	1	295	72 (cm) 28 11/32"	80 (cm) 31 1/2"	204(cm) 80 5/16"	Schuko 16A	6	R290
			80 (cm) 31 1/2"	91 (cm) 35 13/16"	226(cm) 88 31/32"			

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