![EMSAS logo](www.emsas-as.com.tr) SINCE 1975 ®

EKN Serie
(+2/+8)

EKN 300

363 PCS

• The outer surface of the device has been produced of galvanized sheet with electrostatic paint resistant to rust and the inner surface is produced of stainless steel sheet. • The device operates with 195-230V/50 Hz network voltage.

• The door of the device has double thermal glazing, it can be locked and has magnetic seal rings. Thus, it provides an opportunity to trace the stocks.

• Each shelf in the cabinet is 450 ml of whole blood. The devices takes 25, 60, 120, 240, 363 and 672 pieces of bags according to the capacity of the device.

• The device has a pool type stainless steel shelf system. There is a plexi-glass protector in front of each shelf. This mobile shelf system can be easily moved.

• There are separators inside the drawers helping the blood bags to be placed and stocked easily.

• The device operates between +2/+8°C, which is the ideal storage temperature of blood ingredients, and it is set to +4°C.

• The device provides equal temperature distribution with the strengthened fan system it contains.

• The lightening of the inner cabin of the device is carried out with LED lights.

• The device has full automatic defrost system in order to protect the productivity of the cooling evaporator.

• A user - friendly digital control panel with a micro processor has been used on the device. This system can keep the data in memory for 30 days.

• There is a USB socket to transfer the cabinet temperature information to the computer when requested. in this way, the 10 year old temperature records can be transferred to the PC in excel format.

• The thermostat at the control panel of the device can make measurements with 0.1 degree sensitivity.

• There are 2 probs in the blood bank refrigerator. One of these probs measures the inner cabin temperature and the other measures the temperature of the sample liquid at the blood density. This information can be traced on the digital screen.

• There is an accumulator system charged automatically at the control panel of the device. This system allows the control panel and thermal printer to operate for 24 hours when the electricity cuts off.

• Thermal Printer and Touch Screen Display are standard features.

• While the blood bank refrigerator is working the device gives alerts with the visual and audio signal when the lower and upper temperature li mits are exceeded, the door of the device is left open, and ther e is electricity cut off or low voltage problems.

• The cooling system and the insulation system of the device do not contain CFC gas that is harmful for OZONE. • There are two castors with braked and two regular castors under the device to provide easy portability.

• All medical devices produced by Emsas A.S. are guaranteed for 2 years.

• As per the request of the user, a thermal printer can be installed at the device. The numerical printout of the data recorded can be taken with the thermal printer.

• There is an external probe input on the device for connection to the heat tracking system.

• All our products are produced in line with the ISO 9001:2008 , TSE service place competence certificates. Our blood bank refrigerators have CE certificates.

OPTIONAL GRAPHICAL CHART RECORDER

STANDARD TOUCH SCREEN DISPLAY

STANDARD THERMAL PRINTER

OPTIONAL BLOCK 3XGLASS DOOR

BLOOD BANK REFRIGERATOR

EKN 25 (+2/+8)
25 PCS

EKN 50 (+2/+8)
60 PCS

EKN 100 (+2/+8)
120 PCS

EKN 200 (+2/+8)
240 PCS

EKN 300 (+2/+8)
363 PCS

EKN 600 (+2/+8)
672 PCS

MODEL	EKN 25 / EKN 25VK	EKN 50 / EKN 50VK	EKN 100 / EKN 100VK	EKN 200 / EKN 200VK	EKN 300 / EKN 300VK	EKN 600 / EKN 600VK
Temperature Range	+2 / +8 °C	+2 / +8 °C	+2 / +8 °C	+2 / +8 °C	+2 / +8 °C	+2 / +8 °C
Set Point	+4°C	+4°C	+4°C	+4°C	+4°C	+4°C
External Dimensions (WxLxH) mm	450*600*750	600*660*1246	600*660*1446	600*660*2040	765*820*2020	1450*821*2030
Internal Dimensions (WxLxH) mm	368*365*520	515*542*597	516*542*797	515*542*1390	662*713*1350	1370*715*1346
Volume	70 Liters / 25 Pcs Bags	167 Liters / 60 Pcs Bags	225 Liters / 120 Pcs Bags	388 Liters / 240 Pcs Bags	637 Liters / 363 Pcs Bags	1320 Liters / 672 Pcs Bags
Polyurathane (mm)	41 mm	42,5	42,5 mm	42,5 mm	51,5	40 mm
Packaging Dimensions (WxLxH) mm	580*790*890	605*700*1270	730*690*1550	730*690*2000	900*950*2150	940*1570*2150
Gross KG	65 Kg	97 Kg	128 Kg	175 Kg	229 Kg	380 Kg
Interior Lighting	+	+	+	+	+	+
Door Lock	+	+	+	+	+	+
Alarm	+	+	+	+	+	+
Internal Surface	Stainless Steel Cr-Ni 304	Stainless Steel Cr-Ni 304	Stainless Steel Cr-Ni 304	Stainless Steel Cr-Ni 304	Stainless Steel Cr-Ni 304	Stainless Steel Cr-Ni 304
External Surface	Galvanized sheet with electrostatic paint	Galvanized sheet with electrostatic paint	Galvanized sheet with electrostatic paint	Galvanized sheet with electrostatic paint	Galvanized sheet with electrostatic paint	Galvanized sheet with electrostatic paint
Heating / Cooling System	Fan System	Fan System	Fan System	Fan System	Fan System	Fan System
Insulation	CFC Free - Polyurathane	CFC Free - Polyurathane	CFC Free - Polyurathane	CFC Free - Polyurathane	CFC Free - Polyurathane	CFC Free - Polyurathane
Shelves	2 Pcs	2 Pcs	3 Pcs	6 Pcs	6 Pcs	12 Pcs
Block Door	Optional	Optional	Optional	Optional	Optional	Optional
Thermal Printer	Optional	Optional	Optional	Optional	Optional	Optional
SMS and E-MAIL MODUL	Optional	Optional	Optional	Optional	Optional	Optional
PC Connection	USB	USB	USB	USB	USB	USB
Castors	2 Braked , 2 Regular	2 Braked , 2 Regular	2 Braked , 2 Regular	2 Braked , 2 Regular	2 Braked , 2 Regular	2 Braked , 2 Regular
Temperature Sensor	NTC	NTC	NTC	NTC	NTC	NTC
Control System	Microprocessor Control	Microprocessor Control	Microprocessor Control	Microprocessor Control	Microprocessor Control	Microprocessor Control
Voltage	220v-50hz	220v-50hz	220v-50hz	220v-50hz	220v-50hz	220v-50hz
Cooling Gas	R134a	R134a	R134a	R134a	R134a	R134a
Power	230 Watt	230 Watt	230 Watt	277 Watt	400 Watt	400 Watt
Natural Gas	Optional	Optional	Optional	Optional	Optional	Optional