

SECTION 2

EQUIPMENT DESCRIPTION

EQUIPMENT IDENTIFICATION

Blood Refrigerator Identification Plate

201. Each blood refrigerator is fitted with an identification plate located on the external rear side of the container (Fig 2-1).

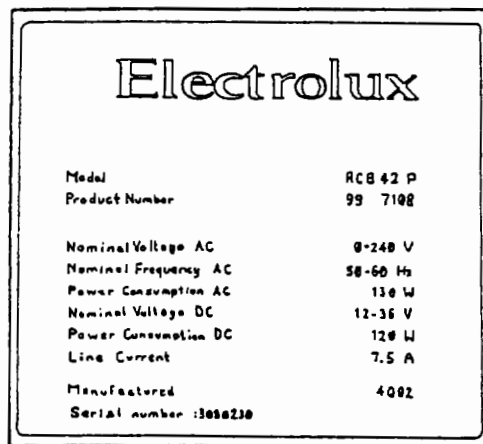


Figure 2-1 — Blood Refrigerator Identification Plate

Specifications

202. The following list details the specifications for the blood refrigerator and its accessories:

- a. Length: 970 mm
- b. Width: 550 mm
- c. Height: 500mm
- d. Weight (Empty): 44.5 kg
- e. Weight (Loaded): 53.4 kg
- f. AC Power Range: 90 to 264V @ 48-62Hz,
- g. DC Power Range: 11 to 42V & 90 to 264V.

Terminology

203. The following headings describe the major components referred to in this manual. Numbers after each heading refer to the items locations on Fig 2-2.

- a. **Control Panel (1).** This panel contains all the controls required for the operation of the unit.
- b. **Dual Temperature Gauge (2).** The dual temperature gauge monitors the internal and external ambient temperatures.
- c. **Batteries (3).** Four rechargeable NiCad batteries are used to operate the alarm system.
- d. **Power Supply Panel (4).** The connection panel for incoming power supply.
- e. **Baskets (5).** Two wire baskets with fabric pockets hold the blood products.
- f. **Lid Seal (6).** The rubber seal ring located in the lid seals the interior from the ambient temperatures.
- g. **Data Logger (7).** Two sealed data recording devices are positioned in the load area during storage and transportation of blood.
- h. **Temperature Probe (8).** A temperature sensitive probe which transmits the data to the temperature gauge and electronic controller.
- i. **Fan Unit (9).** The distribution fan and heat exchange module of the refrigeration plant.
- j. **Catches (10).** Two positive locking catches to secure and hold the lid in sealed position.
- k. **Packing Instruction Sleeve (11).** A clear plastic sleeve to hold the packing instructions.
- l. **Circuit Breakers (12).** Two circuit breakers located on the front of the unit will pop out when overloaded, push in to reset.
- m. **Carry Handles (13).** Two carry handles are fitted on each end.
- n. **Cable Box (14).** The box with hinged lid allows storage for power cables and includes an inner pocket for the Operator Manual.
- o. **Power Cables.** A choice of six different power cables depending on the transport vehicle (refer Fig 2 to Fig 8).
- p. **Travel Adapter Plugs.** Used to plug NZ power cables into European, UK or USA style AC power outlets (refer Fig 12 to Fig 14).

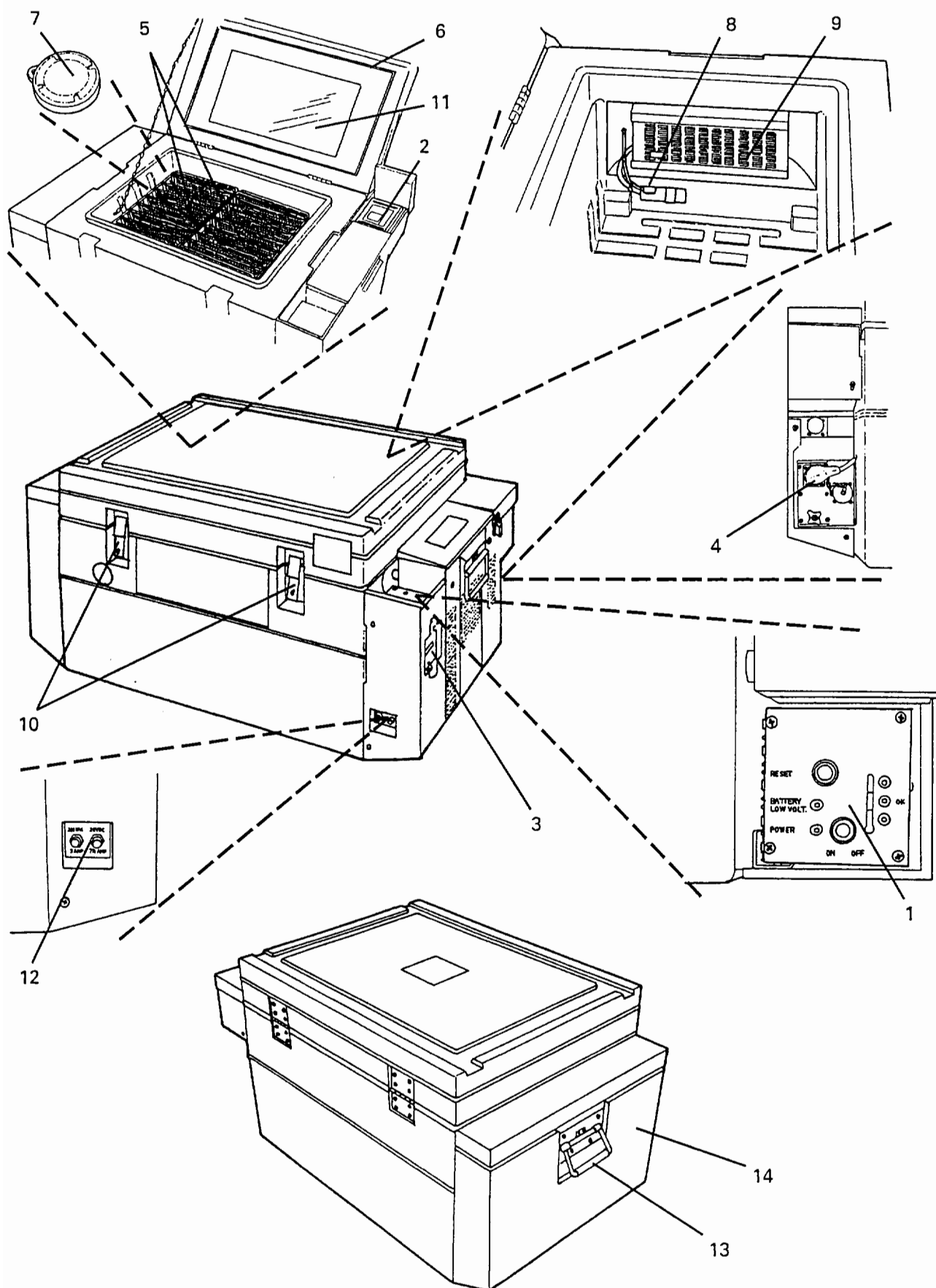


Figure 2-2 — Blood Refrigerator Components