



BFT-50 TMC

50-Liter Portable Medical Refrigerator Unit with Cart

The BFT-50 TMC portable medical BioFridge with cart was designed for use within hospitals, laboratories and medical facilities.

The internal power supply will run all units for up to (18) eighteen hours. The time needed to recharge a 100% depleted battery is (5) five hours. The unit has an internal fan that ensures an even temperature throughout the cold chamber. All units have internal and external lids, and are fully transportable with locking casters. Displayed on the cart is: the UPS charge indicator. Displayed on the front of the refrigeration units are: the UPS battery-status, the NIST traceable data logger, and the 110V input receptacle. (The input receptacle powers both the refrigeration unit and the on-board UPS.)



GENERAL SPECIFICATIONS

VOLUME	50 Liters
Temperature Range	Refrigerator 2° to 8°C Freezer 0° to -20°C
INSIDE DIMENSIONS	19"x13"x11"
INTERNAL BASKET	up to 40 500 ml bags of RBCs or Plasma
TMC - Thermal Mass Carrier	(6) Blood (6) Plasma 500 ml bags
OUTSIDE DIMENSIONS	32"x20"x41"
WEIGHT	185 lbs
Electrical Rating (AC)	100-240 VAC, 50/60Hz 0.4 Amps to 0.16 Amps
Power Consumption	60 Watts max
Compressor Capacity	18 - 150Liters Displacement 2.0cm ³
Fan	Internal fan to ensure even temperature
Datalogger (optional)	Datalogger with Temperature Probe

BATTERY (located inside the cart)

Electrical Rating (DC)	12-24 VDC ~4 Amps to 1.6Amps
Battery Life	40Ahr Battery = 26 to 32 hours
Time to Recharge	5 hours (from 100% depleted to full charge)
Battery Status	On the Cart & on the front of Refrigeration unit

BASKET (Optional)

