

BFT-20

20-Liter Portable Medical Refrigerator/Freezer Unit with Cart

The BFT-20 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 (30) thirty hours. The time needed to recharge a 100% depleted battery is (10) 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.

GENERAL SPECIFICATIONS

Volume	20 Liters
Temperature Range	Refrigerator 2° to 8°C Freezer 0° to -20°C
2 Temperature Probes	Air Temperature and Glycol Bottle Probe, NIST certified
Inside Dimensions	11"L x 8"W x 14"H
Internal Basket	up to (18) eighteen 500 ml bags of RBCs or Plasma
Outside Dimensions	31"x14"x42"
WEIGHT	122 Lbs
Electrical Rating (AC)	100-240 VAC, 50/60Hz, 0.4 - 0.16 A
Power Consumption	60 Watts max
Compressor Capacity	18 - 150Liters, Displacement 2.0cm ³
Fan	Internal hi-speed fan to ensure even temperature
Datalogger (optional)	Datalogger with Temperature Probe
Controller with Display	16MB memory, 8MB RAM, 4.3" LCD capacitive touchscreen. Onboard Memory >500,000 datapoints.
Datalogger	Android App

BATTERY (located inside the cart)

Electrical Rating (DC)	12-24 VDC ~4 - 1.6A
Battery Life	100Ahr Battery = 30 to 48 hours
Time to Recharge	10 hours (from 100% depleted to full charge)
Battery Status	On the Cart & on the front of Refrigeration unit

