

## BFT-20

### 20-Liter Portable Medical Refrigerator 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. (The input receptacle powers both the refrigeration unit and the on-board UPS.)*

#### GENERAL SPECIFICATIONS

<b>VOLUME</b>	20 Liters
<b>Temperature Range</b>	Refrigerator 2° to 8°C Freezer 0° to -20°C
<b>INSIDE DIMENSIONS</b>	11"L x 8"W x 14"H
<b>INTERNAL BASKET</b>	up to (18) eighteen 500 ml bags of RBCs or Plasma
<b>OUTSIDE DIMENSIONS</b>	31"x14"x42"
<b>WEIGHT</b>	122 Lbs
<b>Electrical Rating (AC)</b>	100-240 VAC, 50/60Hz 0.4 Amps to 0.16 Amps
<b>Power Consumption</b>	60 Watts max
<b>Compressor Capacity</b>	18 - 150Liters Displacement 2.0cm <sup>3</sup>
<b>Fan</b>	Internal fan to ensure even temperature
<b>Datalogger (optional)</b>	Datalogger with Temperature Probe
<b>Controller with Display</b>	16MB memory, 8MB RAM, 4.3" LCD capacitive touchscreen

#### BATTERY (located inside the cart)

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

#### BASKET (Optional)

