

Solar Direct-Drive Vaccine Refrigerator

WHO Pre-Qualified Vaccine Refrigerators

Utilizing patents licensed from NASA, the SunDanzer **BFRV55** and **BFRV15** connect directly to the photovoltaic (PV) solar array and requires no batteries or charge controllers to operate. Temperatures are maintained using a proprietary phase-change material, which ensures that the vaccine compartment stays between 2°C and 8°C at night and on cloudy days.



BFRV55



PV Solar Array



BFRV15

DC-Powered Refrigeration
SunDanzer



Solar Direct-Drive Vaccine Refrigerators

Main features and benefits include: external digital temperature display, reduced moisture system, and lock.

	BFRV15	BFRV55
Gross Volume:	20 liters	60.1 liters
Vaccine Volume:	15 liters	54.5 liters
Vaccine Compartment:	205 x 305 x 255 mm ³	250 x 378 x 263 mm ³ (lower) 260 x 582 x 263 mm ³ (upper)
Climate Zone:	Hot (43C)	Hot (43C)
Autonomy:	101.3 hours	<90 hours
Refrigerant:	R 134a HFC	R 134a HFC
Energy Source:	12V solar array	12V solar array
Unit Volume:	0.32 m ³	0.68 m ³
Unit Weight:	59 kg	99 kg
Unit Dimensions:	78 x 70 x 60.5 cm ³	86.8 x 96.2 x 71.1 cm ³
Boxed Volume:	0.42 m ³	0.79 m ³
Boxed Weight:	73 kg	113 kg
Boxed Dimensions:	102.0 x 72.0 x 66.0 cm ³	102.8 x 97.8 x 77.5 cm ³
Crated Volume:	1.27 m ³	1.27 m ³
Crated Weight:	182 kg	218 kg
Crated Dimensions:	112 x 114 x 99 cm ³	112 x 114 x 99 cm ³
Container loading (40ft/20ft):	48 / 20	48 / 20

