

## SMALL FIELD REFRIGERATION SYSTEM (SFRS)

TAMCN: B00757B

I.D: 11609A

NSN: 4130-01-565-7655



### Functional Description

The Small Field Refrigeration System (SFRS) is an 8'x8'x6'5.5" insulated TRICON container that can be interlocked with two additional TRICONs to meet ISO standards. An integrated externally-powered Refrigeration Unit (RU) provides controlled refrigeration or freezing of perishable items. The SFRS will support numerous customers, to include Marine Corps Field Food Service Systems.

### Technical Description

#### Information

Manufacturer: Sea Box Inc.  
Model: SB531.0

#### Dimensions

Length (in): 77.5  
Width (in): 96.0  
Height (in): 96.0  
Weight (lbs) (RU included): 3,900.0  
Interior Cube (ft<sup>3</sup>): 282.0  
Exterior Square (ft<sup>2</sup>)/Cube (ft<sup>3</sup>): 51.6/413.3

#### Power

**Input**  
AC: 120/208 VAC, 50/60Hz  
Phase: 3-Phase

#### Environmental Limitations

Refrigerant: R-404a  
Max. Ambient Cooling (°F): 130.0  
Min. Ambient Heating (°F): -25.0

Wires (AWG): 5-Wire  
Connector (AMP): 20

#### **Power Consumption (kW)**

Cooling at 95°F: 3.2  
Cooling at 125°F: 4.4

**Transportability:** Transported as ancillary cargo worldwide via commercial rail, marine and highway.

**NOTE:** The SFRS is supplied with a 20 AMP connector and a 12 AWG power supply cable. Do not use a 30 AMP connector with this power supply cable.