

## LARGE FIELD REFRIGERATION SYSTEM (LFRS)

TAMCN: B00497B

I.D: 11574A

NSN: 4130-01-562-9914



### Functional Description

The Large Field Refrigeration System (LFRS) is a large, insulated, high payload container system with built in refrigeration. The LFRS is dual mode to refrigerate or freeze perishable items. The mission of the LFRS is to provide the capability to transport and store large, perishable cargo in a climate controlled, International Organization for Standardization (ISO) container.

### Technical Description

#### Information

Manufacturer: Sea Box Inc.  
 Model: SB541.0

#### Power

#### Input

AC: 380/480 or 190/230 VAC, 50/60Hz  
 Phase: 3-Phase

Wires (AWG): 4-Wire/6  
 Connector (AMP): 60

#### Power Consumption (kW)

Cooling at 95°F: 10.0  
 Cooling at 125°F: 13.4

#### Dimensions

Length (in): 238.5  
 Width (in): 96.0  
 Height (in): 96.0  
 Weight (lbs): 7,182.0  
 Interior Cube (ft<sup>3</sup>): 944.0  
 Exterior Square (ft<sup>2</sup>)/Cube (ft<sup>3</sup>): 159.0/1,272.0

#### Environmental Limitations

Refrigerant: R-134A  
 Max. Ambient Cooling (°F): 158.0  
 Min. Ambient Heating (°F): -58.0

**Transportability:** The LFRS is transported as ancillary cargo worldwide via commercial rail, marine and highway.

**NOTE:** The LFRS requires forklift support.