



Enter The Cool Zone

Front Bulkhead Evaporator for bus A/C applications



When it comes to choosing an air conditioning system for your bus fleet, quality, reliability and performance are critical. Bergstrom's new Cool Zone™ school bus air conditioning system is a solution you can count on.

We have taken our industry expertise and engineered an OEM-quality air conditioning system for the school bus market that will keep students comfortable and happy.

This evaporator can be used by itself or combined with other Bergstrom systems to create various packages.

Before you decide what A/C system is best for your fleet, enter the Cool Zone™ by Bergstrom.

Kit Components

- Front Bulkhead Cover
- Mounting Hardware
- Switches and Harness
- Fittings and Hoses

Features

- Adjustable mounting brackets for easier installation
- 2-Ton thermal expansion valve for improved A/C performance
- Galvannealed steel drain pans to prevent rusting and maximize durability
- Durable ABS plastic cover to prevent scratches and fractures
- Fully adjustable louvers to direct air flow and maximize comfort
- Easy serviceable filters
- Fully insulated case to prevent case sweating
- An optional driver airflow duct with fully adjustable louver to maximize driver comfort
- Bergstrom engineered
- Refrigerant line routing and refrigerant charge determined via iterative testing to optimize system performance
- Low pressure switch, high pressure switch, and freeze protection strategically engineered to protect compressor life
- Electronic freeze protection (prevents the coils from freezing out) – FYI, no one really has this functionality. (You don't want your coil to freeze up or else you will lose performance.)

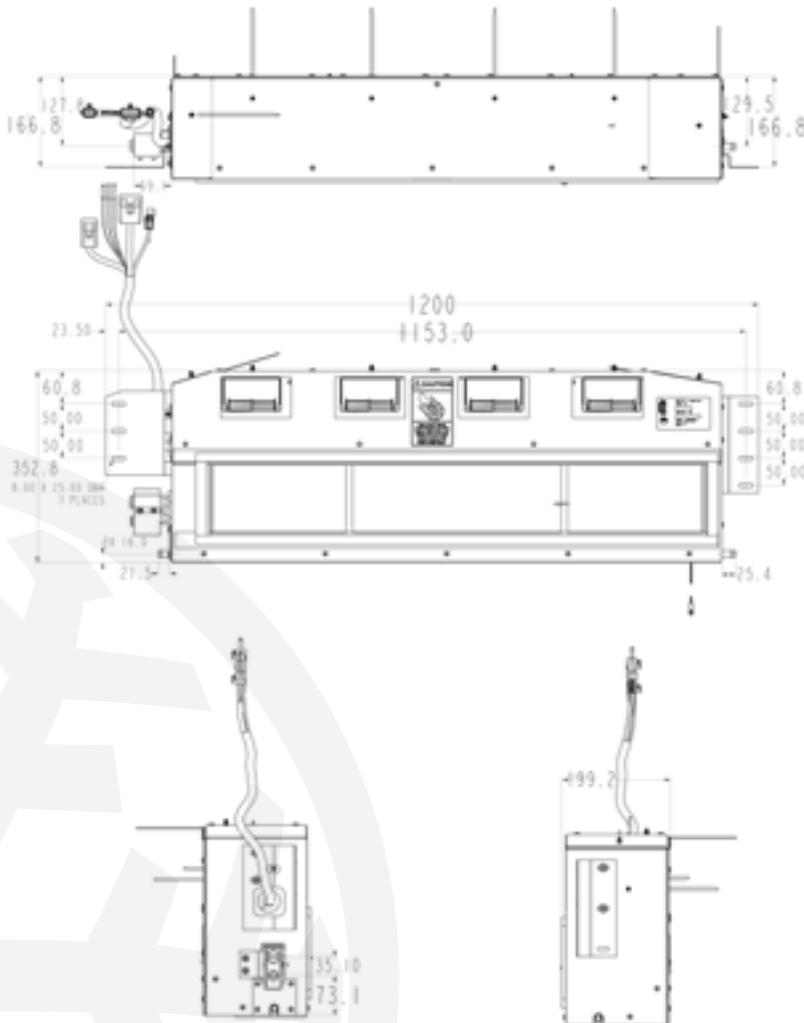
Front Bulkhead Evaporator

Technical Specifications

Model	Front Bulkhead Evaporator
Voltage	12V
Power	55,000 / 60,000 BTU/hr (16,0 kW)
Amps	25 A/h
Maximum Air Flow	1,600 (2,718 m ³ /hr)
Dimensions	47.24 in W x 13.89 in H x 7.84 in D (1200 mm W x 352.8 mm H x 199.2 mm D)
Weight	68 lbs. (30,8 kg)
Mounting Position	In-Wall

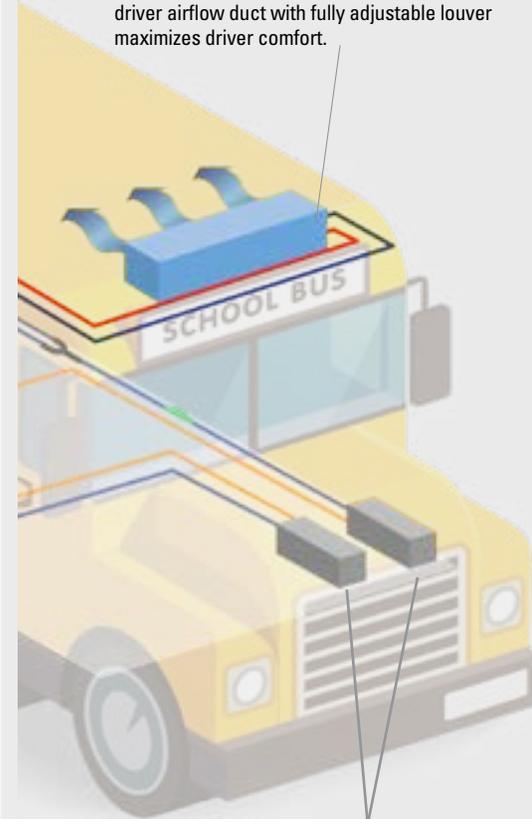
*Actual system performance is dependent on installation, configuration and components used.

Suggested Compressor: Sanden SD7 Enhanced or Seltic TM-21



Front Bulkhead Unit (with cover)

The 2-ton thermal expansion valve improves A/C performance while the fully adjustable louvers direct airflow and enhance cooling. An optional driver airflow duct with fully adjustable louver maximizes driver comfort.



Compressors (x2)

Compressors are highly reliable and serviceable. Options include Sanden Enhanced SD7 or Seltec TM-21.

This photo represents a bus needing two condensers with multiple systems.

Warranty

- 3-year unlimited mileage limited warranty



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