



Enter The Cool Zone

Rear 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

- Rear 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
- 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.)

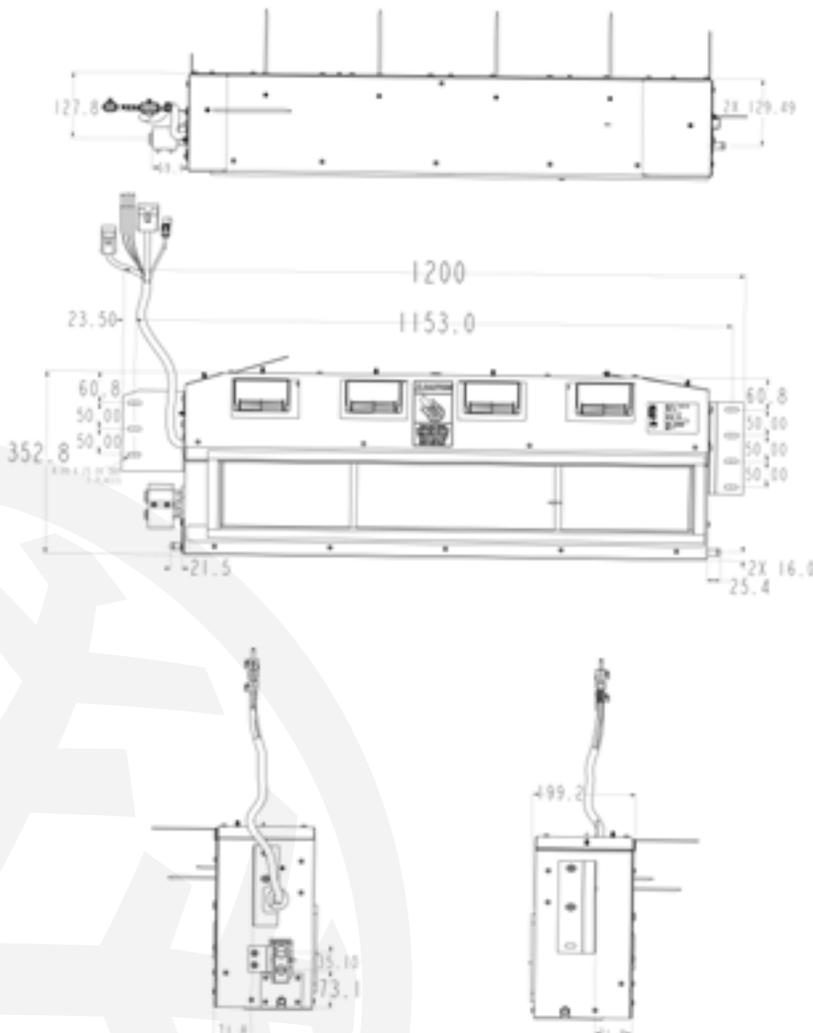
Rear Bulkhead Evaporator

Technical Specifications

| Model | Rear 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 13.9 in H x 7.83 in D (1200 mm W x 353 mm H x 199 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



Rear Bulkhead Unit (with cover)

Installation and maintenance are simple with adjustable mounting brackets and filters that are easy to service. Electronic freeze protection prevents coils from freezing and a full insulated case prevents case sweating.



Condenser

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

Warranty

- 3-year unlimited mileage limited warranty



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