



Enter The Cool Zone

Midship 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

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

Features

- Powder-coated galvanized steel construction (rust prevention)
- 3-Speed dual scroll blower
- 2 adjustable double louvers, and two adjustable ball louvers for optimal air flow for passengers
- Copper tube, aluminum fin evaporator coil
- 2-ton thermal expansion valve for improved A/C performance
- Replaceable air filter
- Textured, white ABS plastic cover to prevent scratches and fractures
- 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.)

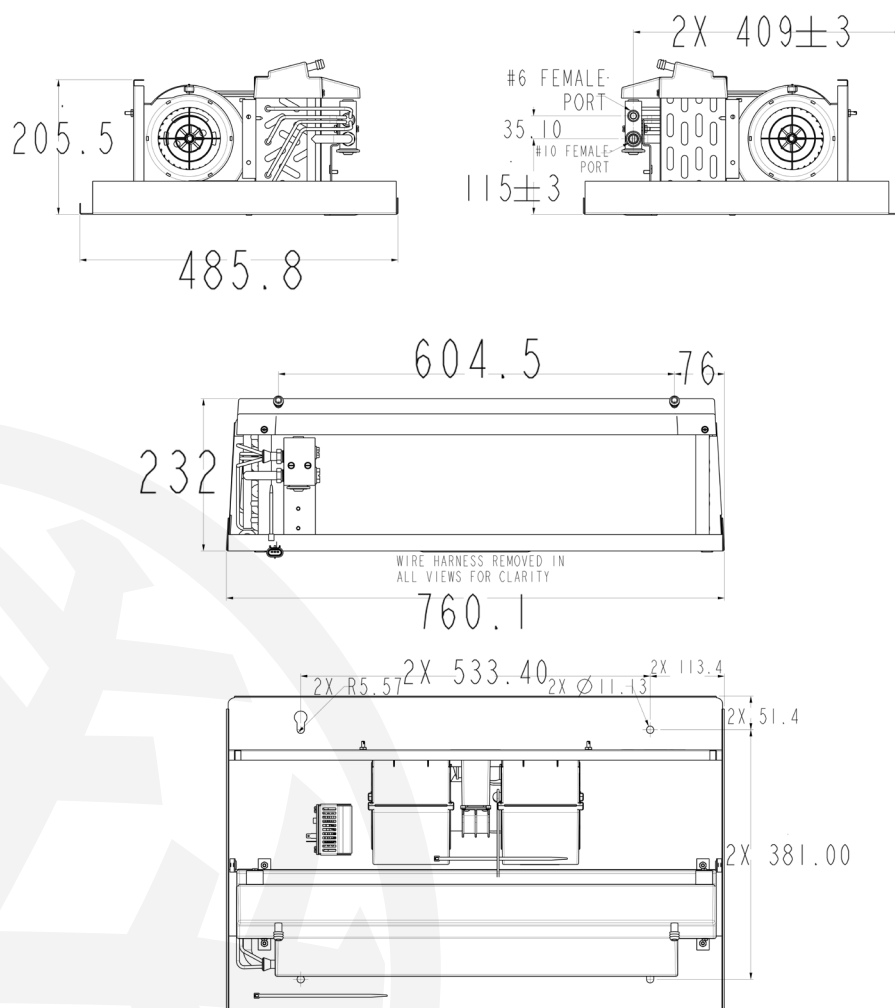
Midship Evaporator

Technical Specifications

Model	Midship Evaporator
Voltage	12V
Power	35,000 BTU/hr (10,3 kW)
Amps	15 A/h
Maximum Air Flow	800 (1,359 m³/hr)
Dimensions	29.93 in W x 9.13 in H x 19.13 in D (760.1 mm W x 232 mm H x 485.8 mm D)
Weight	30 lbs. (13.6 kg)
Mounting Position	Headliner

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

Suggested Compressor: Sanden SD7 Enhanced or Seltic TM-21



Rear Evaporator

Midship Unit (with cover)

A powder-coated galvanized steel construction prevents rust, and the two adjustable double louvers and ball louvers optimize air flow for passengers.

Front Evaporator

Condensers

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

Warranty

- 2-year unlimited mileage limited warranty



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