

BERGSTROM

Since 1949, **Bergstrom** has been supplying to many of the world's largest and most respected companies with their heating and air conditioning solutions.



INNOVATION

Complete engineering, design and development capabilities.



MANUFACTURING

Manufactured using Bergstrom's World class manufacturing systems and processes.



QUALITY

Designed, engineered and manufactured in the U.S. and China facilities.



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SCHOOL BUS SYSTEMS

Cool Zone Systems

BBUS-T-COMP-21R2-EN-B

EVAPORATORS
CONDENSERS



BEFORE YOU DECIDE WHAT AC SYSTEM IS BEST,
ENTER THE COOL ZONE™ BY BERGSTROM.

Welcome to the Cool Zone®

When it comes to choosing an air conditioning system for your bus fleet, quality, reliability and performance are critical. Bergstrom's new Cool Zone™ bus air conditioning system is a solution you can count on. The system consists of front and rear bulkhead units, a ceiling mount unit with a two-fan or three-fan condenser. The result? Cool Zone is so effective that it cools the bus down quickly and efficiently.

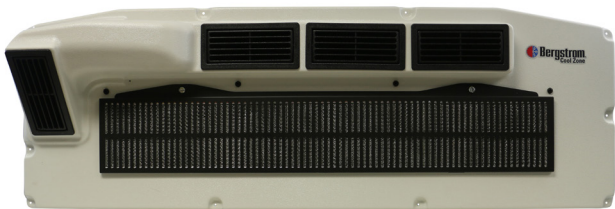
Various Bus System Packages Available

System packages can consist of any combination of bus systems. Factors that determine the different types of bus system packages can include the size of the bus, state regulations and/or average weather temperatures in the different regions of the U.S.

Suggested Compressor: Sanden SD7 Enhanced 12V

Warranty is a 3-year unlimited mileage limited warranty

Bulkhead Evaporators



Front Bulkhead Evaporator (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.



Rear Bulkhead Evaporator (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.

Model	Front Bulkhead Evaporator	Rear Bulkhead Evaporator
Voltage	12V	12V
Capacity	55,000 / 60,000 BTU/hr 16,0 kW	55,000 / 60,000 BTU/hr 16,0 kW
Amps	25 A/h	25 A/h
Maximum Air Flow	1,600 CFM 2,718 m³/hr	1,600 CFM 2,718 m³/hr
Dimensions (mm)	1200 W x 353 H x 199 D	1200 W x 353 H x 199 D
Dimensions (in.)	47.24 W x 13.9 H x 7.83 D	47.24 W x 13.9 H x 7.83 D
Weight	68 lb 30,8 kg	68 lb 30,8 kg
Mounting Position	In-Wall	In-Wall

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

Evaporator & Condenser



Single Midship Evaporator (with cover)

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



3-Fan Condenser*

Three sealed axial fans produce 1,600 actual cubic feet per minute airflow. Performance is maximized with zinc-chromate plated steel hardware and a powder-coated steel receiver drier with 12 cubic inches of molecular sieve.

Model	Single Midship Evaporator	3-Fan Condenser
Voltage	12V	12V
Capacity	45,000 BTU/hr 3,2 kW	76,000 BTU/hr 22,3 kW
Amps	15 A/h	19.4 A/h
Maximum Air Flow	800 CFM (1,359 m³/hr)	1,570 CFM 2,667 m³/hr
Dimensions (mm)	776 W x 370 H x 665 D	1299 W x 270 H x 407 D
Dimensions (in.)	30.55 W x 14.57 H x 26.18 D	51.14 W x 10.63 H x 16.02 D
Weight	30 lb (13,6 kg)	67 lb 30,4 kg
Mounting Position	Headliner	Skirt