

Split system for shuttle and school buses



## ▶ Arcticsphere

Skirt Mounted Condenser  
SC120, SC220 and SC230



Air conditioning

### High Performance and Reliability

With the Arcticsphere SC series, Spheros offers a wide range of skirt mounted condensers to fit the needs of school and shuttle buses. These condenser units are specially designed for heavy duty applications. High capacities ensure low pressure levels and a high system performance. Applications are equipped with long life motors and a robust housing to provide high product durability.

## ▶ Arcticsphere- Skirt Mounted Condenser SC120, SC220 and SC230



SC120



SC220



SC230

### Highlights:

- Heavy duty construction for long product life.
- High performance for all bus length and climate conditions
- Epoxy coated housing and condenser coil for extended durability
- Filter-dryer with integrated sight-glass
- Long life fan motors



Arcticsphere System

### Technical Data

| Units | Cooling Capacity Max (BTU/h) | Nominal Voltage | Condenser Airflow (free flowing) (m <sup>3</sup> /h) (CFM) | Dimensions L X W X H (Inch) | Weight (LBS) | Electric Power Consumption (13.5 V) | Refrigerant |
|-------|------------------------------|-----------------|--|-----------------------------|--------------|-------------------------------------|-------------|
| SC120 | 60,000                       | 12 V            | 4,400 / 2,690  | 36 x 14.60 x 10             | 54           | 25 A                                | R 134a      |
| SC220 | 75,000                       | 12 V            | 4,400 / 2,690  | 48 x 14.50 x 10             | 61           | 25 A                                | R 134a      |
| SC230 | 84,000                       | 12 V            | 6,600 / 3,890  | 48 x 14.50 x 10             | 66           | 37 A                                | R 134a      |