

Rooftop air-conditioning systems of 10.0 to 18.0 kW cooling performance

Perfect climate control in small to mid-size buses



This line of roof-mounted air-conditioning systems is perfectly geared to cooling mini and midi-buses of up to 35 seats. Equipped with durable, high-efficiency fans and blowers that provide a constant airflow, these air-conditioning solutions are reliable and enjoy a long service life.

A variety of available accessories and vehicle-specific installation kits include control units, air vents and ducts. The units can also be painted in the colors of the vehicles.

For all-round climate control, Panama, Madrid and Santana models also feature a heating function.

- Air-conditioning solutions provide high performance cooling from 10.0 to 18.0 kW
- Compact design facilitates installation in diverse vehicle categories
- High thermodynamic efficiency as related to overall dimensions
- Durable, highest quality components with long service life, from proven series production
- Air flow can be individually customized with one central channel or two lateral channels
- Options for fresh air or recirculation mode
- Easy installation and minimal maintenance requirements

Models:

Panama, Smirne, Madrid, Santana L/XL



Truck



Light-duty Vehicles



Bus



Rail



Off-Highway



Defense



Special Vehicles

Technical specifications:

Air-conditioning unit	Panama	Smirne	Madrid	Santana L/XL
Cooling capacity (kW)	10.5	11.7	15.5	18.0
Heating performance (kW)	12.0 ⁽¹⁾	–	20.0 ⁽¹⁾	20.0 ⁽¹⁾
Refrigerant				
Nominal voltage (V)				
Max. power consumption (A) at 12 V	56.0	35.0	58.0/90.0(2)	110.0
Max. air flow evaporator blower (m ³ /h)	1,200	1,100	2,100/2,500 ⁽²⁾	4,000
Dimensions L x W x H (mm)	1,100 x 1,400 x 180	930 x 1,045 x 170	1,280 x 1,790 x 185	1,600 (L)/ 1,800 (XL) x 2,150 x 200
Weight (kg)	44.0	33.5	59.0	74.0 (L)/79.0 (XL)

(1) = optional (2) = Version with higher air volume

Please feel free to contact us for further information about an individual climate solution including compressor, air vent and duct, control element and mounting kit.