

Rooftop air-conditioning systems 8.5 to 18.0 kW cooling capacity

Perfect air-conditioning in small and medium-sized buses



The rooftop air-conditioning systems are designed especially for air-conditioning small and medium-sized buses with up to 35 seats. These units are very reliable and have a long service life. There is a wide range of accessories, such as control elements, air ducts and installation sets, available for these air-conditioning systems.

The housings of these air-conditioning systems can be painted to match the color of the vehicle.

For complete air-conditioning solutions, the Compact Cooler 8, Cool Top 110 RT-C & 140 RT-C and Madrid models have an optional heating function.

- Air-conditioning systems with a cooling capacity of 8.5 to 18.0 kW
- Compact construction and aerodynamic design
- High efficiency in relation to the dimensions
- High-quality and reliable components from proven series production processes
- Air distribution via a central duct or two side ducts
- Choose between fresh air and recirculated air (optional)
- Easy installation and low maintenance
- 2-years Australia wide warranty

Model:
Compact Cooler 8, Cool Top 110 RT-C & 140 RT-C,
Smirne, Madrid



Light-duty Vehicles



Buses



Off-highway



Special Vehicles

Technical data

	Compact Cooler 8	Cool Top 110 RT-C & 140 RT-C	Smirne	Madrid	
Nominal cooling capacity (kW)	8.5	11 / 14	11.7	15.5	
Heating capacity (optional) (kW)	7.5	12.0	–	20.0	
Refrigerant	R134a				
Nominal voltage (V)	12	12/24			
Max. total power consumption at 12 V (A)	30.0	50 / 80 & 46	35.0	58.0	90.0
Max. volume flow of evaporator blower (m ³ /h)	1,300	1,500 / 2,000 & 2,300	1,100	2,100	2,500
Dimensions L x W x H (mm)	1,025 x 970 x 197	1,600 x 1,150 x 204	1,045 x 930 x 170	1,790 x 1,280 x 185	
Weight (kg)	32.0	48.0/50.0	33.5	59.0	
Nominal roof radius (mm)	–	5,200	–	7,000	
Inlet connection	Connection 3/4"-16 UNF- 2A	Connection 7/8"-14 UNF- 2A	Connection 3/4"-16 UNF- 2A	Connection 7/8"-14 UNF-2A	
Outlet connection	Connection 7/8"-14 UNF- 2A	Connection 1- 1/16"-14 UNF-2A	Connection 7/8"-14 UNF- 2A	Connection 1-1/16"-14 UNF-2A	
Water connection, Ø (mm)	20	16	–	16	
Expansion valve	Block valve	Angle valve	Block valve		
Accessories	–	Fresh air/ recirculated air kit, Heating kit	–	Heating kit	