

Integrated air-conditioning systems

12.0 to 16.0 kW cooling capacity

Optimum air-conditioning solutions for minibuses with up to 25 seats



These integrated air-conditioning systems create pleasant conditions for the driver and passengers in minibuses with up to 25 seats. With installation options under the dashboard or roof, in the roof liner or vertically in the rear panel, they offer a high degree of flexibility. These units are very reliable and have a long service life. The wide range of accessories includes condensers, which can be mounted on the roof or under the chassis, as well as control elements, air ducts and customer-specific installation sets.

For a complete air-conditioning solution, the Kiev and Monterrey models have an additional heating function.

- Air-conditioning systems with a cooling capacity of 12.0 to 16.0 kW
- Optimum integration into the vehicle design thanks to versatile installation options
- High efficiency in relation to the dimensions
- High-quality and reliable components from proven series production processes
- Very low maintenance

Model:
Riga, Kiev, Moscow, Monterrey, Newport



Buses

Technical data

	Riga		Kiev	Moscow	Monterrey		Newport	
Nominal cooling capacity (kW)	12.0	14.0	13.4		14.0	16.0	14.0	16.0
Nominal heating capacity (kW)	-		11.5	-	14.6		-	
Installation position	under the dashboard							
Refrigerant	R134a							
Nominal voltage (V)	12/24							
Max. total power consumption at 12 V (A)	31.0		18.0	19.0	39.0		40.0	
Max. volume flow of evaporator blower (m ³ /h)	1,350		1,000		1,300			
Dimensions L x W x H (mm)	320 x 1240 x 175		380 x 890 x 170	335 x 856 x 170	400 x 920 x 170		385 x 925 x 180	
Weight (kg)	18.0		12.5	11.5	13.5		12.5	
Water connection	-		16 mm	-	20 mm		-	
Expansion valve	Block valve, 2 tons	Angle valve, 3 tons	Block valve		Block valve, 2 tons	Angle valve, 3 tons	Block valve, 2 tons	Angle valve, 3 tons
Air duct connection	6 connections for air duct Ø 72 mm		-					