

## Integrated air-conditioning systems delivering 12.0 to 16.0 kW cooling performance

Optimized climate solutions for minibuses seating up to 25 passengers



The integrated air-conditioning systems in this line ensure that drivers and passengers of larger minibuses seating up to 25 persons enjoy a pleasant interior climate. As these systems can be installed suiting the vehicle type and design either under the dashboard or the roof, in the vehicle ceiling or vertically, they allow for great versatility. Built using high-efficiency fans and blowers that produce a constant airflow, these air-conditioning solutions are reliable and enable a long service life.

Various accessories and kits are available for vehicle-specific installation, including rooftop or under-chassis condensers, control units, air vents and ducts and, of course, the installation kits for the particular vehicle.

For a comprehensive climate solution, the Kiev and Monterrey models are also equipped with a heating function.

- Air-conditioning solutions that deliver cooling power of 12.0 to 16.0 kW
- Variety of options for installation positions allows optimum integration into different vehicle designs
- High thermodynamic efficiency as related to the units' overall dimensions
- Very durable, top quality components sourced from proven series production
- Very low maintenance requirements

#### Models:

Riga, Kiev, Moscow, Monterrey, Newport



Truck



Light-duty Vehicles



Bus



Rail



Off-Highway



Defense



Special Vehicles

**Technical specifications:**

Air-conditioning unit	Riga	Kiev	Moscow	Monterrey	Newport
Cooling capacity (kW)	12.0 <sup>(1)</sup>			14.0 <sup>(3)</sup>	14.0 <sup>(3)</sup>
	14.0 <sup>(2)</sup>	13.4	13.4	16.0 <sup>(4)</sup>	16.0 <sup>(4)</sup>
Heating performance (kW)	–	11.5	–	14.6	–
Installation position	Under dash or under roof	Under dash or under roof	Under dash or under roof	Under dash or under roof	Under dash or under roof
Refrigerant	R134a				
Nominal voltage (V)	12/24 V				
Max. power consumption (A) at 12 V	31.0	18.0	19.0	39.0	40.0
Max. air flow evaporator blower (m³/h)	1,350	1,000	1,000	1,300	1,300
Dimensions L x W x H (mm)	1240 x 320 x 175	890 x 380 x 170	856 x 355 x 170	925 x 385 x 180	925 x 385 x 180
Weight (kg)	18.0	12.5	11.5	15.5	14.5

(1) = with 2 moduls (2) = with 3 moduls (3) = expansion valve 2 tons (4) = expansion valve 3 tons

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