

## Integrated air-conditioning systems 4.0 to 5.9 kW cooling capacity

Tailor-made air-conditioning solutions for commercial and special vehicles, minibuses, construction machinery and agricultural machinery



The integrated heating air-conditioning systems are versatile and can be used for minibuses, ambulances and fire trucks as well as construction and agricultural machinery. Depending on the type of vehicle, these air-conditioning systems can be installed under the dashboard or in the roof liner under the roof or vertically in the rear panel. These air-conditioning systems 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 Baltimore, Quebec, Michigan and Milano models have an additional heating function.

- Air-conditioning systems with a cooling capacity of 4.0 to 5.9 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:  
Baltimore, Oakland, Osaka, Quebec, Montreal, Michigan,  
Wyoming, Milano



Light-duty Vehicles



Buses



Off-highway



Special Vehicles

## Technical data

	Baltimore	Oakland	Osaka	Quebec	Montreal	Michigan	Wyoming	Milano	
Nominal cooling capacity (kW)	4.0		4.6	5.0		5.5		5.5	
Nominal heating capacity (kW)	2.0	–	–	6.7	–	6.3	2.8	–	11.0
Installation position	under the dashboard		vertical			roof liner		under the dashboard	
Refrigerant	R134a								
Nominal voltage (V)	12/24					24	12	12/24	
Max. total power consumption at 12 V (A)	7.4		9.5	9.5		13.0		12.7	13.0
Max. volume flow of evaporator blower (m <sup>3</sup> /h)	450		350	450		450		450	
Dimensions L x W x H (mm)	235 x 365 x 130		165 x 410 x 320	185 x 370 x 330	160 x 370 x 350	380 x 590 x 185		328 x 414 x 233	
Weight (kg)	3.7		5.5	6.5	5.5	8.7		7.5	6.4
Water connection, Ø (mm)	16	–	–	16	–	16		–	16
Expansion valve	Angle valve		Block valve						
Air duct connection	–							4 connections for air duct Ø 60 mm	