

Transport refrigeration systems

Integrated solutions

Transport refrigeration system fully integrated into the vehicle.
Optimum component combinations thanks to modular system.



The transport refrigeration systems ensure that perishable goods can be transported over long distances at the optimum temperature and reach their destination in perfect condition.

The components of this cooling system, such as evaporators, condensers and compressors as well as a large range of accessories can be combined to give individually tailored solutions. This gives a high degree of flexibility and adaptability to different applications as specified by the customer. With powerful blowers, they offer reliability and a long service life, important factors in transport refrigeration. Depending on the desired temperature range, the system can be filled with the refrigerant R134a or R404A. An electric motor is available as an option for standby operation.

Pordoi

Modular system for almost all light-duty vehicles. The fully integrated design ensures that neither the exterior appearance nor the aerodynamics of the vehicle are negatively affected.

Key benefits at a glance:

- Integrated system
- Tailor-made refrigeration units for commercial vehicles with cargo spaces up to 18 m³
- Cooling capacity up to 3,660 W
- Automatic temperature regulation
- High efficiency in all temperature ranges
- High-quality reliable components from proven series production processes
- ATP (Accord Transport Perishable) certification for all units

Models:
Pordoi 2000, 3000, 4000



Light
vehicles

Technical specifications

	Pordoi 2000		Pordoi 3000		Pordoi 4000	
	Standby unit optional					
Refrigerant	R404A	R134a	R404A	R134a	R404A	R134a
Cooling capacity according to ATP standard, at ambient temperature of +30 °C and compartment temperature of 0 °C, in engine / standby operation optional (W)	2,493 / 753	1,565 / 1,233	2,799 / 890	2,203 / 1,636	3,660 / 1,133	2,616 / 1,858
Cooling capacity according to ATP standard, at ambient temperature of +30 °C and compartment temperature of -20 °C, in engine / standby operation optional (W)	1,206 / -	-	1,332 / -	-	1,926 / -	-
Cooling capacity according to ATP standard, at ambient temperature of +30 °C and compartment temperature of +5 °C, in engine / standby operation optional (W)	-	1,895 / 1,539	-	2,714 / 1,994	-	3,101 / 2,329
Nominal voltage (V)	12					
Air flow (m³/h)	670		1,040		1,534	
Max. total power consumption at 12 V, in engine / standby operation (A)	depending on application / 14		depending on application / 16			
Dimensions condenser unit / evaporator unit L x W x H (mm)	depending on application / 660 x 500 x 157		depending on application / 900 x 500 x 157		depending on application / 1,000 x 500 x 157	
Weight condenser unit / evaporator unit (kg)	depending on application / 7.5		depending on application / 10.5		depending on application / 12.5	
Accessories	Standby unit					



Contact details

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