

Mobile refrigeration solutions for light commercial vehicles transporting perishable goods

Highest performance compact solutions for up to 18 m³



This line of mobile refrigeration solutions ensures that perishables transported across great distances are well taken care of and arrive in perfect condition. Designed for light commercial vehicles with compartments for sensitive goods, these versions run with the compressor integrated in the vehicle. Equipped with our renowned high-efficiency, durable fans and blowers that generate a constant airflow, they offer the outstanding reliability and long life that are critical for mobile refrigeration systems.

A variety of accessories and kits are available for vehicle-specific installation and integration, and allow for filling with refrigerants R134a and R404A. An optional feature that is also available is an electric motor that generates 1.1 kW of power for standby operation.

Tonale & Stelvio

The direct-drive refrigeration system system for vehicles with compartments up to 18 m³ with high performance and very low maintenance. The comprehensive solutions cover a broad range of temperatures.

- Customized refrigeration systems for commercial vehicles with load compartments of up to 18 m³
- Cooling performance up to 4.0 kW
- Compressor integrated in the vehicle
- Important feature: automatic temperature control
- High thermodynamic efficiency in all temperature ranges
- Superior systems with durable, high-quality components from proven series production
- ATP* homologation applies for all systems

Models:
Direct drive: Tonale, Stelvio



Truck



Light-duty Vehicles



Bus



Rail



Off-Highway



Defense



Special Vehicles

Technical specifications:

Refrigeration unit	Tonale 2000	Tonale 3000	Tonale 4000	Stelvio 2000	Stelvio 3000	Stelvio 4000
Cooling capacity nominal (W) with R404A at 30°C ambient temperature						
▪ Compartment temperature 0°C	2,505	2,919	3,930	1,956	2,105	2,650
▪ Compartment temperature -20°C	1,350	1,590	2,040	1,019	1,240	1,421
Cooling capacity nominal (W) with R134a at 30°C ambient temperature						
▪ Compartment temperature +5°C	1,950	2,850	3,550	1,540	2,189	2,730
▪ Compartment temperature 0°C	1,650	2,400	3,050	1,400	2,000	2,500
Cooling capacity nominal (W) in Stand-by mode at 0°C	-	-	-	1,469	1,492	1,781
Nominal voltage (V)	12.0			12.0		
Max. power consumption (A)						
▪ Engine operation	21.5	36.0	40.0	21.5	27.0	31.0
▪ Stand-by operation	-	-	-	6.0	7.5	8.5
Air Flow in m³/h	670	1,040	1,534	670	1,040	1,534
Refrigerant	R134a/R404A			R134a/R404A		
Dimensions L x W x H (mm)						
▪ Condenser unit	793 x 445 x 176	1,034 x 515 x 163	1,034 x 515 x 163	806 x 535 x 221	936 x 535 x 224	936 x 535 x 224
▪ Evaporator unit	660 x 500 x 157	900 x 500 x 157	1,000 x 500 x 157	660 x 500 x 157	900 x 500 x 157	1,000 x 500 x 157
Weight (kg)						
▪ Condenser unit	20.0	30.0	30.0	55.0	60.0	60.0
▪ Evaporator unit	7.5	10.5	12.5	7.5	10.5	12.5