

Transport refrigeration systems

Integrated, Battery Drive

Battery-operated transport refrigeration system, fully integrated in vehicles with cargo space volumes up to 5 m³ for transporting perishables



Transport refrigeration systems ensure that perishables can be transported across long distances at optimum temperatures so they arrive at their destination in perfect condition. Suitable for cold and frozen goods (working range -20 / +10 °C), the Frigo Top 10 is Webasto's unique solution for smaller transport vehicles with an air-conditioning system but no space for an additional compressor in the engine compartment. The compressor, motor and condenser of the compact Frigo Top 10 are completely integrated under the chassis so there is no protrusion that changes your vehicle's visual appearance and fuel is saved. It also features a auto switch-off device with low battery voltage. Powered directly by the vehicle battery, installation is easy, with no need to connect engine-driven compressors and no roof drilling. Proven Webasto quality and reliability are built in, so you can look forward to accustomed efficiency and the all-important long life.

- Cooling capacity up to 1,108 watt
- Automatic temperature regulation and a thawing function means high efficiency in all ranges
- AC/DC converter for use while driving and in stand-by
- High-quality reliable components from proven series-production processes
- Easy installation and maintenance
- ATP (Accord Transport Perishable) certification



Technical data

	Frigo Top 10 I-ESG
Refrigerant	R452A
Cooling capacity according to ATP standard, at ambient temperature of +30 °C and compartment temperature of 0 °C, in engine/standby operation (W)	1,119/1,135
Cooling capacity according to ATP standard, at ambient temperature of +30 °C and compartment temperature of -20 °C, in engine/standby operation (W)	352/349
Nominal voltage (V)	12
Air flow (m ³ /h)	743
Max. power consumption, in engine operation 12/24 V (A)	65
Max. power consumption, in standby operation 230/400 V (A)	10
Dimensions L x W x H (mm)	
Condenser unit	481 x 265 x 124
Evaporator unit	660 x 530 x 158
Motor, compressor	465 x 455 x 240
Weight (kg)	
Condenser unit	2.9
Evaporator unit	11.5
Motor, compressor	25.0