

Vehicle data sheet · Mercedes-Benz

Mercedes-Benz eSprinter – Chilled goods – electric refrigeration

Chilled transport · Electric refrigeration



Brand

Mercedes-Benz

Model

eSprinter for chilled goods with electric refrigeration

8,4 m³ / 11,2 m³

Load volume

3 / 5

Euro pallets

Product data: 14.10.2026

Conversion specification

Base vehicle: panel van, rear-wheel drive, sliding door on the right, battery electric (BEV)

Delivery code: AHKA0

The Kerstner chilled goods conversion for the Mercedes-Benz eSprinter combines the highest insulation performance with consistent practicality – developed and manufactured for everyday use in food and chilled goods transport.

The conversion achieves a K coefficient of below 0.4 W/m²K and is classified as “heavily insulated” under ATP requirements. This is made possible by the seamless connection of all insulation elements – including at the sliding door – without gaps or thermal bridges.

The polyurethane insulation components are water-repellent, antibacterial and impact-resistant, and meet the requirements of the ATP and HACCP guidelines. The easy-to-clean surface reduces the effort required to maintain hygiene in day-to-day operation.

Thanks to its computer-optimised fit, the conversion provides a usable load volume of 8.7 - 11.2 m³ with unobstructed clearance between the wheel arches, suitable for loading Euro pallets.

Variants and load space

VS30 medium high roof rear-wheel drive

Model designation 907

Wheelbase	3,665 mm
Load compartment length	3,168 mm
Width between wheel arches	1,252 mm
Upper width	1,625 mm
Interior height	1,755 mm
Evaporator height	100 mm
Load volume	8,4 m ³
E2 crates	120
Euro pallets	3
Compatible refrigeration units	CoolJet C206 EA / CoolJet C203 EA

VS30 long high roof rear-wheel drive

Model designation 907

Wheelbase	4,325 mm
Load compartment length	4,200 mm
Width between wheel arches	1,252 mm
Upper width	1,625 mm
Interior height	1,755 mm

Evaporator height	100 mm
Load volume	11,2 m³
E2 crates	156
Euro pallets	5
Compatible refrigeration units	CoolJet C206 EA / CoolJet C203 EA

Refrigeration

Temperature range: on request

CoolJet C203 EA

Roof-mounted · Stationary refrigeration: optional

Application: chilled goods transport

Type: roof-mounted unit

Refrigeration capacity: max. 1,570 W at 0 °C

Operating voltage: 12 V

Max. current draw: 110 A

Airflow: 1,350 m³/h

Refrigerant: R134a

Installation height: +220 mm

CoolJet C206 EA

Underfloor · Stationary refrigeration: optional

Application: chilled goods transport

Type: underfloor unit

Refrigeration capacity: max. 1,420 W at 0 °C

Operating voltage: 12 V

Max. current draw: 79 A

Airflow: 581 m³/h

Refrigerant: R134a

Installation height: unchanged

Standard equipment

- Kerstner easyfit insulation (K coefficient <0.4)
- Refrigeration system for refrigeration while driving
- Polyester floor tray with water-retaining sill at the sliding door
- Horizontal half-round lashing rails at a height of approx. 40cm
- LED interior light
- 2x emergency release
- Aluminium impact protection (approx. 20 cm high) on the left, right (except sliding door) and front wall

Vehicle codes

Required codes

- CB7/CB8 – Stabilisation stage I or stage II
- D03 – high roof
- D50 – Full bulkhead
- EK1 – Terminal strip for electrical connection
- E2C – ePTO electric power take-off 3.5 kw 12 V
- P93 – Lashing eye deletion
- S23 – Two-person passenger seat
- T12 – Sliding door with hold-open device
- T16 – Right sliding door
- V93 – Wooden floor deletion – floor can be removed on request
- Z2N – N2 registration
- FF8 – 1-DIN slot at the front below the headlining – required for temperature recorder –
- Towbar possible
- X14 – Gross weight variant 4150 kg or higher

Excluded codes

- H72 – Electric roof fan II

- T55 – Electric operation for sliding door
- R87 – Spare wheel

Recommended codes

- T50 – Electric closing aid for right sliding door
- T57 – Electric step below the sliding door

Equipment and accessories

Required accessories

Aluminium chequer-plate floor panel RA 3665

Required accessories · Suitable for: VS30 medium high roof rear-wheel drive / CoolJet C203 EA; VS30 medium high roof rear-wheel drive / CoolJet C206 EA

Quantity: Default 1, Minimum 1 piece

Aluminium chequer-plate floor panel RA 4325

Required accessories · Suitable for: VS30 long high roof rear-wheel drive / CoolJet C203 EA; VS30 long high roof rear-wheel drive / CoolJet C206 EA

Quantity: Default 1, Minimum 1 piece

TÜV assessment / Stage II certificate of conformity (COC)

Required accessories · Suitable for: VS30 medium high roof rear-wheel drive / CoolJet C203 EA; VS30 medium high roof rear-wheel drive / CoolJet C206 EA; VS30 long high roof rear-wheel drive / CoolJet C203 EA; VS30 long high roof rear-wheel drive / CoolJet C206 EA

Required for submission at registration Quantity: Default 1, Minimum 1 piece

Optional accessories

Additional lashing rails at a custom height of 40-120cm RA 3665

Optional · Suitable for: VS30 medium high roof rear-wheel drive / CoolJet C203 EA; VS30 medium high roof rear-wheel drive / CoolJet C206 EA

Quantity: Default 1, Minimum 1 piece

Lashing rail on front wall

Optional · Suitable for: VS30 medium high roof rear-wheel drive / CoolJet C203 EA; VS30 medium high roof rear-wheel drive / CoolJet C206 EA; VS30 long high roof rear-wheel drive / CoolJet C203 EA; VS30 long high roof rear-wheel drive / CoolJet C206 EA

Quantity: Default 1, Minimum 1 piece

Non-slip load floor mat RA 3665

Optional · Suitable for: VS30 medium high roof rear-wheel drive / CoolJet C203 EA; VS30 medium high roof rear-wheel drive / CoolJet C206 EA

Quantity: Default 1, Minimum 1 piece

Non-slip mat for shelving

Optional · Suitable for: VS30 medium high roof rear-wheel drive / CoolJet C203 EA; VS30 medium high roof rear-wheel drive / CoolJet C206 EA; VS30 long high roof rear-wheel drive / CoolJet C203 EA; VS30 long high roof rear-wheel drive / CoolJet C206 EA

Quantity: Default 1, Minimum 1 piece

PVC strip curtain for the rear opening

Optional · Suitable for: VS30 medium high roof rear-wheel drive / CoolJet C203 EA; VS30 medium high roof rear-wheel drive / CoolJet C206 EA; VS30 long high roof rear-wheel drive / CoolJet C203 EA; VS30 long high roof rear-wheel drive / CoolJet C206 EA

Quantity: Default 1, Minimum 1 piece

PVC strip curtain for the sliding door

Optional · Suitable for: VS30 medium high roof rear-wheel drive / CoolJet C203 EA; VS30 medium high roof rear-wheel drive / CoolJet C206 EA; VS30 long high roof rear-wheel drive / CoolJet C203 EA; VS30 long high roof rear-wheel drive / CoolJet C206 EA

Quantity: Default 1, Minimum 1 piece

Shelf set I (1x shelf, 4x lashing rails)

Optional · Suitable for: VS30 medium high roof rear-wheel drive / CoolJet C203 EA; VS30 medium high roof rear-wheel drive / CoolJet C206 EA; VS30 long high roof rear-wheel drive / CoolJet C203 EA; VS30 long high roof rear-wheel drive / CoolJet C206 EA

Quantity: Default 1, Minimum 1 piece

Shelf set II (2x shelves, 4x lashing rails, fitted one above the other)

Optional · Suitable for: VS30 medium high roof rear-wheel drive / CoolJet C203 EA; VS30 medium high roof rear-wheel drive / CoolJet C206 EA; VS30 long high roof rear-wheel drive / CoolJet C203 EA; VS30 long high roof rear-wheel drive / CoolJet C206 EA

Quantity: Default 1, Minimum 1 piece

Additional lashing rail set for fitting shelves one behind the other

Optional · Suitable for: VS30 medium high roof rear-wheel drive / CoolJet C203 EA; VS30 medium high roof rear-wheel drive / CoolJet C206 EA; VS30 long high roof rear-wheel drive / CoolJet C203 EA; VS30 long high roof rear-wheel drive / CoolJet C206 EA

Quantity: Default 1, Minimum 1 piece

Additional LED load compartment light

Optional · Suitable for: VS30 medium high roof rear-wheel drive / CoolJet C203 EA; VS30 medium high roof rear-wheel drive / CoolJet C206 EA; VS30 long high roof rear-wheel drive / CoolJet C203 EA; VS30 long high roof rear-wheel drive / CoolJet C206 EA

Quantity: Default 1, Minimum 1 piece

ATP FRAX

Optional · Suitable for: VS30 medium high roof rear-wheel drive / CoolJet C203 EA; VS30 medium high roof rear-wheel drive / CoolJet C206 EA; VS30 long high roof rear-wheel drive / CoolJet C203 EA; VS30 long high roof rear-wheel drive / CoolJet C206 EA

Quantity: Default 1, Minimum 1 piece

Additional lashing rails at a custom height of 40-120cm RA 4325

Optional · Suitable for: VS30 long high roof rear-wheel drive / CoolJet C203 EA; VS30 long high roof rear-wheel drive / CoolJet C206 EA

Quantity: Default 1, Minimum 1 piece

Non-slip load floor mat RA 4325

Optional · Suitable for: VS30 long high roof rear-wheel drive / CoolJet C203 EA; VS30 long high roof rear-wheel drive / CoolJet C206 EA

Quantity: Default 1, Minimum 1 piece

Bär VanLift FreeAccess A2V

Optional · Suitable for: VS30 medium high roof rear-wheel drive / CoolJet C203 EA; VS30 medium high roof rear-wheel drive / CoolJet C206 EA; VS30 long high roof rear-wheel drive / CoolJet C203 EA; VS30 long high roof rear-wheel drive / CoolJet C206 EA

Platform dimensions: 1,830 mm (height) x 1,330 mm*** (width) Load capacity: 600 kg Load centre: 600 mm Vertically folded platform, stowed behind the left rear door. Bär SmartControl Basic handheld remote control. Includes two-part VanBridge. It creates a seamless transition between the platform and load floor via an unloaded rubber hinge. Ribbed surface for secure footing. Can be locked upright in the load compartment while driving. Includes two-part roll stops for roll containers, opening angle approx. 90 degrees. Includes foot switch unit, LED warning lights, warning flags, registration plate light and number plate lights on the platform, activation from the cab. Includes platform rear surface powder-coated in RAL 9006 White aluminium. Anodised edge profile. Includes 2-year warranty. With a tail lift, only a roof-mounted refrigeration unit is possible! Quantity: default 1, minimum 1 piece

Emergency operation

Optional · Suitable for: VS30 medium high roof rear-wheel drive / CoolJet C203 EA; VS30 medium high roof rear-wheel drive / CoolJet C206 EA; VS30 long high roof rear-wheel drive / CoolJet C203 EA; VS30 long high roof rear-wheel drive / CoolJet C206 EA

Detachable towball coupling complete with ball, D-value 21 kN

Optional · Suitable for: VS30 medium high roof rear-wheel drive / CoolJet C203 EA; VS30 medium high roof rear-wheel drive / CoolJet C206 EA; VS30 long high roof rear-wheel drive / CoolJet C203 EA; VS30 long high roof rear-wheel drive / CoolJet C206 EA

Partition in load compartment for multi-compartment solution

Optional · Suitable for: VS30 medium high roof rear-wheel drive / CoolJet C203 EA; VS30 medium high roof rear-wheel drive / CoolJet C206 EA; VS30 long high roof rear-wheel drive / CoolJet C203 EA; VS30 long high roof rear-wheel drive / CoolJet C206 EA

Increased door-closing forces: Installing a partition increases the force required to close the doors and can lead to increased sliding-door wear over time. Please also note: If a fixed multi-compartment partition without a passage is installed in the load compartment, the German employers' liability insurance association (BG) rules require a step at the sliding door, because the partition removes access to the front compartment through the rear doors. According to the BG, the customer may not enter the front compartment without a step and may only load and unload it from outside. Quantity: Default 1, Minimum 1 piece

Mobile Storrwall partition

Optional · Suitable for: VS30 medium high roof rear-wheel drive / CoolJet C203 EA; VS30 medium high roof rear-wheel drive / CoolJet C206 EA; VS30 long high roof rear-wheel drive / CoolJet C203 EA; VS30 long high roof rear-wheel drive / CoolJet C206 EA

With folding panels for positioning in front of/above the wheel arches Quantity: default 1, minimum 1 piece

12 Volt axial fan, thermostat-controlled, including socket and spiral cable

Optional · Suitable for: VS30 medium high roof rear-wheel drive / CoolJet C203 EA; VS30 medium high roof rear-wheel drive / CoolJet C206 EA; VS30 long high roof rear-wheel drive / CoolJet C203 EA; VS30 long high roof rear-wheel drive / CoolJet C206 EA

Transverse mesh shelf, 1 level, Sprinter 3665

Optional · Suitable for: VS30 medium high roof rear-wheel drive / CoolJet C203 EA; VS30 medium high roof rear-wheel drive / CoolJet C206 EA

Transverse, removable mesh shelf across the full vehicle width, from the rear opening to the sliding door. It is installed at a fixed height defined by the specified height dimension. Quantity: Default 1, Minimum 1, Maximum 2 piece

Transverse mesh shelf, 1 level, Sprinter 4325

Optional · Suitable for: VS30 long high roof rear-wheel drive / CoolJet C203 EA; VS30 long high roof rear-wheel drive / CoolJet C206 EA

Transverse, removable mesh shelf across the full vehicle width, from the rear opening to the sliding door. It is installed at a fixed height defined by the specified height dimension. Quantity: Default 1, Minimum 1 piece

Telescopic load restraint bar, 1 piece

Optional · Suitable for: VS30 medium high roof rear-wheel drive / CoolJet C203 EA; VS30 medium high roof rear-wheel drive / CoolJet C206 EA; VS30 long high roof rear-wheel drive / CoolJet C203 EA; VS30 long high roof rear-wheel drive / CoolJet C206 EA

Transsafe load restraint bar, universally usable in all Airline rails Quantity: Default 1, Minimum 1 piece

Telescopic load restraint bar package, 2 pieces

Optional · Suitable for: VS30 medium high roof rear-wheel drive / CoolJet C203 EA; VS30 medium high roof rear-wheel drive / CoolJet C206 EA; VS30 long high roof rear-wheel drive / CoolJet C203 EA; VS30 long high roof rear-wheel drive / CoolJet C206 EA

Transsafe load restraint bar, universally usable in all Airline rails Quantity: Default 1, Minimum 1 piece

Lashing strap package (2 straps)

Optional · Suitable for: VS30 medium high roof rear-wheel drive / CoolJet C203 EA; VS30 medium high roof rear-wheel drive / CoolJet C206 EA; VS30 long high roof rear-wheel drive / CoolJet C203 EA; VS30 long high roof rear-wheel drive / CoolJet C206 EA

Quantity: Default 1, Minimum 1 piece

CJ heating option 840 W for C203EA

Optional · Suitable for: VS30 medium high roof rear-wheel drive / CoolJet C203 EA; VS30 long high roof rear-wheel drive / CoolJet C203 EA

At outside temperatures below freezing, up to six door openings per hour are possible with an internal temperature setpoint of 5-10 °C

Euroscan RX3 temperature recorder with 2 sensors (available DIN slot required)

Optional · Suitable for: VS30 medium high roof rear-wheel drive / CoolJet C203 EA; VS30 medium high roof rear-wheel drive / CoolJet C206 EA; VS30 long high roof rear-wheel drive / CoolJet C203 EA; VS30 long high roof rear-wheel drive / CoolJet C206 EA

The Euroscan RX3 is the proven solution for installation in the cab's DIN radio slot. It is ideal for vehicles requiring a compact, robust system with an integrated printer. DIN slot format — easy installation without requiring additional space. Thermal transfer printer — maintenance-free and directly accessible to the driver. Up to 6 analogue probes — reliable sensing for established applications. Optional ColdChainView — integration via an external module. Technical specifications: Installation format: DIN radio slot (cab). Analogue probes: up to 6. Digital inputs: 4. Interfaces: 2× RS-232 · 1× CAN · 1× digital output. Printer: thermal transfer (maintenance-free). Communication: GSM / GPS via an external module (optional). Protection rating: IP20. Dimensions: 186 × 58 × 150 mm. Operating temperature: –30 °C to +70 °C. Certification: EN 12830:2018 · GAMP5 · GDP · HACCP · CE.

Euroscan RT8 RX 4G LTE temperature recorder with 2 sensors (available DIN slot required)

Optional · Suitable for: VS30 medium high roof rear-wheel drive / CoolJet C203 EA; VS30 medium high roof rear-wheel drive / CoolJet C206 EA; VS30 long high roof rear-wheel drive / CoolJet C203 EA; VS30 long high roof rear-wheel drive / CoolJet C206 EA

DIN slot supplied by Kerstner if not fitted at the factory

Optional · Suitable for: VS30 medium high roof rear-wheel drive / CoolJet C203 EA; VS30 medium high roof rear-wheel drive / CoolJet C206 EA; VS30 long high roof rear-wheel drive / CoolJet C203 EA; VS30 long high roof rear-wheel drive / CoolJet C206 EA

Position chosen at Kerstner's discretion according to available cab space

Refrigeration unit cover painted in vehicle colour – solid –

Optional · Suitable for: VS30 medium high roof rear-wheel drive / CoolJet C203 EA; VS30 long high roof rear-wheel drive / CoolJet C203 EA

Refrigeration unit cover painted in vehicle colour – metallic –

Optional · Suitable for: VS30 medium high roof rear-wheel drive / CoolJet C203 EA; VS30 long high roof rear-wheel drive / CoolJet C203 EA

Stationary refrigeration 230 V

Optional · Suitable for: VS30 medium high roof rear-wheel drive / CoolJet C203 EA; VS30 medium high roof rear-wheel drive / CoolJet C206 EA; VS30 long high roof rear-wheel drive / CoolJet C203 EA; VS30 long high roof rear-wheel drive / CoolJet C206 EA

Including external socket and 8m connecting cable

Warranty extension to 3 years

Optional · Suitable for: VS30 medium high roof rear-wheel drive / CoolJet C203 EA; VS30 medium high roof rear-wheel drive / CoolJet C206 EA; VS30 long high roof rear-wheel drive / CoolJet C203 EA; VS30 long high roof rear-wheel drive / CoolJet C206 EA

Warranty extension from 24 to 36 months – according to our warranty terms –

Warranty extension to 4 years

Optional · Suitable for: VS30 medium high roof rear-wheel drive / CoolJet C203 EA; VS30 medium high roof rear-wheel drive / CoolJet C206 EA; VS30 long high roof rear-wheel drive / CoolJet C203 EA; VS30 long high roof rear-wheel drive / CoolJet C206 EA

Warranty extension from 24 to 48 months – according to our warranty terms –

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