

Vehicle data sheet · Mercedes-Benz

Mercedes-Benz Citan – Chilled goods

Chilled transport · Electric refrigeration



Brand	Mercedes-Benz
Model	Citan for chilled goods

1,6 m³ / 2,1 m³

Load volume

1

Euro pallets

Product data: 14.10.2026

Conversion specification

Base vehicle: panel van, standard roof height, hinged rear doors, sliding door on the right

Delivery code: AHKA0

The Kerstner chilled goods conversion for the Mercedes-Benz Citan 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 1.6-2.1 m³ with unobstructed clearance between the wheel arches, suitable for loading Euro pallets.

Variants and load space

L1 wheelbase 2,716 mm

Standard roof height

Wheelbase	2,716 mm
Load compartment length	1,550 mm
Width between wheel arches	1,120 mm
Upper width	1,240 mm
Interior height	1,010 mm
Evaporator height	100 mm
Load volume	1,6 m ³
E2 crates	20
Euro pallets	1
Compatible refrigeration units	CoolJet C106 EA

L2 wheelbase 3,100 mm

Standard roof height

Wheelbase	3,100 mm
Load compartment length	1,980 mm
Width between wheel arches	1,120 mm
Upper width	1,240 mm
Interior height	1,010 mm
Evaporator height	100 mm

Load volume	2,1 m ³
Euro pallets	1
Compatible refrigeration units	CoolJet C106 EA

Refrigeration

Temperature range: on request

CoolJet C106 EA

Underfloor · Stationary refrigeration: optional

Application: chilled goods transport

Type: underfloor unit

Refrigeration capacity: max. 944 W at 0 °C

Operating voltage: 12 V

Max. current draw: 45 A

Airflow: 480 m³/h

Refrigerant: R134a

Installation height: unchanged

Standard equipment

- Kerstner easyfit insulation (K coefficient 0.35)
- LED interior light
- Polyester floor tray with aluminium floor panel
- Front right and left water drains (not possible on eCitan)
- Water-retaining sill at the sliding door
- Aluminium impact protection on the right, left and front wall
- Half-round lashing rails on the right and left above the wheel arches
- Emergency release

Vehicle codes

Required codes

- D50 – Full solid bulkhead
- EK8 – Bodybuilder interface
- W50 – Double rear doors, 180 degrees, without windows
- X30 – Complete vehicle registration document, Part II
- E97 – Higher-output 400/12 V voltage converter – for eCitan
- X0V/X0X/X0Z – Highest available gross weight rating

Excluded codes

- S23 – Two-person passenger seat
- V43 – Wooden floor – can be removed

Equipment and accessories

Required accessories

TÜV assessment / Stage II certificate of conformity (COC)

Required accessories · Suitable for: L1 wheelbase 2,716 mm / CoolJet C106 EA; L2 wheelbase 3,100 mm / CoolJet C106 EA

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

Optional accessories

ATP certificate FRAX

Optional · Suitable for: L1 wheelbase 2,716 mm / CoolJet C106 EA; L2 wheelbase 3,100 mm / CoolJet C106 EA

Quantity: Default 1, Minimum 1 piece

PVC strip curtain for the rear opening

Optional · Suitable for: L1 wheelbase 2,716 mm / CoolJet C106 EA; L2 wheelbase 3,100 mm / CoolJet C106 EA

Quantity: Default 1, Minimum 1 piece

PVC strip curtain for the sliding door

Optional · Suitable for: L1 wheelbase 2,716 mm / CoolJet C106 EA; L2 wheelbase 3,100 mm / CoolJet C106 EA

Quantity: Default 1, Minimum 1 piece

Shelf

Optional · Suitable for: L1 wheelbase 2,716 mm / CoolJet C106 EA; L2 wheelbase 3,100 mm / CoolJet C106 EA

Quantity: Default 1, Minimum 1 piece

Aluminium chequer-plate floor panel RA 2755

Optional · Suitable for: L1 wheelbase 2,716 mm / CoolJet C106 EA

Quantity: Default 1, Minimum 1 piece

Aluminium chequer-plate floor panel RA 2970

Optional · Suitable for: L2 wheelbase 3,100 mm / CoolJet C106 EA

Quantity: Default 1, Minimum 1 piece

Non-slip load floor mat RA 2755

Optional · Suitable for: L1 wheelbase 2,716 mm / CoolJet C106 EA

Quantity: Default 1, Minimum 1 piece

Non-slip load floor mat RA 2755

Optional · Suitable for: L2 wheelbase 3,100 mm / CoolJet C106 EA

Quantity: Default 1, Minimum 1 piece

Non-slip mat for shelf

Optional · Suitable for: L1 wheelbase 2,716 mm / CoolJet C106 EA; L2 wheelbase 3,100 mm / CoolJet C106 EA

Quantity: Default 1, Minimum 1 piece

Telescopic load restraint bar, 1 piece

Optional · Suitable for: L1 wheelbase 2,716 mm / CoolJet C106 EA; L2 wheelbase 3,100 mm / CoolJet C106 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: L1 wheelbase 2,716 mm / CoolJet C106 EA; L2 wheelbase 3,100 mm / CoolJet C106 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: L1 wheelbase 2,716 mm / CoolJet C106 EA; L2 wheelbase 3,100 mm / CoolJet C106 EA

Quantity: Default 1, Minimum 1 piece

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

Optional · Suitable for: L1 wheelbase 2,716 mm / CoolJet C106 EA; L2 wheelbase 3,100 mm / CoolJet C106 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: L1 wheelbase 2,716 mm / CoolJet C106 EA; L2 wheelbase 3,100 mm / CoolJet C106 EA

DIN slot supplied by Kerstner if not fitted at the factory

Optional · Suitable for: L1 wheelbase 2,716 mm / CoolJet C106 EA; L2 wheelbase 3,100 mm / CoolJet C106 EA

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

Stationary refrigeration 230 V

Optional · Suitable for: L1 wheelbase 2,716 mm / CoolJet C106 EA; L2 wheelbase 3,100 mm / CoolJet C106 EA

Including external socket and 8m connecting cable

Warranty extension to 3 years

Optional · Suitable for: L1 wheelbase 2,716 mm / CoolJet C106 EA; L2 wheelbase 3,100 mm / CoolJet C106 EA

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

Warranty extension to 4 years

Optional · Suitable for: L1 wheelbase 2,716 mm / CoolJet C106 EA; L2 wheelbase 3,100 mm / CoolJet C106 EA

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

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