

Vehicle data sheet · Mercedes-Benz

Mercedes-Benz Vito VS20 – Chilled goods

Chilled transport · Electric refrigeration



Brand

Mercedes-Benz

Model

Vito VS20 for chilled goods

2 / 3

Euro pallets

Product data: 14.10.2026

Conversion specification

Base vehicle: closed panel van, low roof, sliding door on the right or on both sides, hinged rear doors or tailgate

Delivery code: AHKA0

The Kerstner chilled goods conversion for the Mercedes-Benz Vito 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 4.5-5 m³ with unobstructed clearance between the wheel arches, suitable for loading Euro pallets.

Variants and load space

long 3200L tailgate

Front-wheel / rear-wheel / all-wheel drive

Wheelbase	3,200 mm
Load compartment length	2,230 mm
Width between wheel arches	1,210 mm
Upper width	1,380 mm
Interior height	1,115 mm
Evaporator height	100 mm
E2 crates	50
Euro pallets	2
Compatible refrigeration units	CoolJet C103 EA / CoolJet C106 EA

long 3200L hinged rear doors

Front-wheel / rear-wheel / all-wheel drive

Wheelbase	3,200 mm
Load compartment length	2,230 mm
Width between wheel arches	1,210 mm
Upper width	1,380 mm
Interior height	1,115 mm
Evaporator height	100 mm
E2 crates	50
Euro pallets	2
Compatible refrigeration units	CoolJet C103 EA / CoolJet C106 EA

extra-long 3,430 mm tailgate

Front-wheel / rear-wheel / all-wheel drive

Wheelbase	3,430 mm
Load compartment length	2,400 mm
Width between wheel arches	1,210 mm
Upper width	1,380 mm
Interior height	1,115 mm
Evaporator height	100 mm
E2 crates	55
Euro pallets	3
Compatible refrigeration units	CoolJet C103 EA / CoolJet C106 EA

extra-long 3,430 mm hinged rear doors

Front-wheel / rear-wheel / all-wheel drive

Wheelbase	3,430 mm
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Load compartment length	2,400 mm
Width between wheel arches	1,210 mm
Upper width	1,380 mm
Interior height	1,115 mm
Evaporator height	100 mm
E2 crates	55
Euro pallets	3
Compatible refrigeration units	CoolJet C103 EA / CoolJet C106 EA

Refrigeration

Temperature range: on request

CoolJet C103 EA

Roof-mounted · Stationary refrigeration: optional

Application: chilled goods transport

Type: roof-mounted unit

Refrigeration capacity: max. 1,006 W at 0 °C

Operating voltage: 12 V

Max. current draw: 70 A

Airflow: 750 m³/h

Refrigerant: R134a

Installation height: +130 mm

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 insulation (K coefficient = 0.33)
- Electric refrigeration system for refrigeration while driving
- Aluminium floor panel with all-round aluminium impact protection
- All-round drainage channel with 2 water drains
- 4 lashing rails on the right, left and front wall (wheelbase 3430: 2x additional upper lashing rails)
- LED interior light
- Reinforced tailgate struts for versions with a tailgate

Vehicle codes

Required codes

- D50 – Full bulkhead
- E28 – Additional battery for retrofitted electrical equipment
- ED4 – AGM battery 95AH
- ED5 – Parameterisable special module
- EK1 – Terminal strip for electrical connection
- FF2 – Additional DIN slot – for optional temperature recorder –
- M60 – Alternator 14 V / 250 A
- V96 – Load compartment lining deletion – not applicable with 1RG
- X30 – Complete vehicle registration document, Part II
- Z41 – Registration as a goods vehicle

Excluded codes

- FY1 – Anti-theft package
- LC2 – LED strip in the load compartment – can be removed –

- RR6 – Spare wheel with jack – for underfloor unit C106EA
- V43 – Wooden floor
- VA2 – Load compartment lining up to roof height (wood)
- W16 – Fixed front left window in side wall/sliding door
- W17 – Fixed front right window in side wall/sliding door
- W29 – Fixed rear window
- W78 – Window in tailgate/rear door with wiper and washer

Equipment and accessories

Required accessories

Parameter configuration

Required accessories · Suitable for: long 3200L tailgate / CoolJet C103 EA; long 3200L tailgate / CoolJet C106 EA; long 3200L hinged rear doors / CoolJet C103 EA; long 3200L hinged rear doors / CoolJet C106 EA; extra-long 3,430 mm tailgate / CoolJet C103 EA; extra-long 3,430 mm tailgate / CoolJet C106 EA; extra-long 3,430 mm hinged rear doors / CoolJet C103 EA; extra-long 3,430 mm hinged rear doors / CoolJet C106 EA

Quantity: Default 1, Minimum 1 piece

TÜV assessment / Stage II certificate of conformity (COC)

Required accessories · Suitable for: long 3200L tailgate / CoolJet C103 EA; long 3200L tailgate / CoolJet C106 EA; long 3200L hinged rear doors / CoolJet C103 EA; long 3200L hinged rear doors / CoolJet C106 EA; extra-long 3,430 mm tailgate / CoolJet C103 EA; extra-long 3,430 mm tailgate / CoolJet C106 EA; extra-long 3,430 mm hinged rear doors / CoolJet C103 EA; extra-long 3,430 mm hinged rear doors / CoolJet C106 EA

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

Optional accessories

ATP certificate FRAX

Optional · Suitable for: long 3200L tailgate / CoolJet C103 EA; long 3200L tailgate / CoolJet C106 EA; long 3200L hinged rear doors / CoolJet C103 EA; long 3200L hinged rear doors / CoolJet C106 EA; extra-long 3,430 mm tailgate / CoolJet C103 EA; extra-long 3,430 mm tailgate / CoolJet C106 EA; extra-long 3,430 mm hinged rear doors / CoolJet C103 EA; extra-long 3,430 mm hinged rear doors / CoolJet C106 EA

Quantity: Default 1, Minimum 1 piece

PVC strip curtain for the rear opening

Optional · Suitable for: long 3200L tailgate / CoolJet C103 EA; long 3200L tailgate / CoolJet C106 EA; long 3200L hinged rear doors / CoolJet C103 EA; long 3200L hinged rear doors / CoolJet C106 EA; extra-long 3,430 mm tailgate / CoolJet C103 EA; extra-long 3,430 mm tailgate / CoolJet C106 EA; extra-long 3,430 mm hinged rear doors / CoolJet C103 EA; extra-long 3,430 mm hinged rear doors / CoolJet C106 EA

Quantity: Default 1, Minimum 1 piece

PVC strip curtain for the sliding door

Optional · Suitable for: long 3200L tailgate / CoolJet C103 EA; long 3200L tailgate / CoolJet C106 EA; long 3200L hinged rear doors / CoolJet C103 EA; long 3200L hinged rear doors / CoolJet C106 EA; extra-long 3,430 mm tailgate / CoolJet C103 EA; extra-long 3,430 mm tailgate / CoolJet C106 EA; extra-long 3,430 mm hinged rear doors / CoolJet C103 EA; extra-long 3,430 mm hinged rear doors / CoolJet C106 EA

Quantity: Default 1, Minimum 1 piece

Shelf

Optional · Suitable for: long 3200L tailgate / CoolJet C103 EA; long 3200L tailgate / CoolJet C106 EA; long 3200L hinged rear doors / CoolJet C103 EA; long 3200L hinged rear doors / CoolJet C106 EA; extra-long 3,430 mm tailgate / CoolJet C103 EA; extra-long 3,430 mm tailgate / CoolJet C106 EA; extra-long 3,430 mm hinged rear doors / CoolJet C103 EA; extra-long 3,430 mm hinged rear doors / CoolJet C106 EA

Quantity: Default 1, Minimum 1 piece

Shelf set – 2 shelves

Optional · Suitable for: long 3200L tailgate / CoolJet C103 EA; long 3200L tailgate / CoolJet C106 EA; long 3200L hinged rear doors / CoolJet C103 EA; long 3200L hinged rear doors / CoolJet C106 EA; extra-long 3,430 mm tailgate / CoolJet C103 EA; extra-long 3,430 mm tailgate / CoolJet C106 EA; extra-long 3,430 mm hinged rear doors / CoolJet C103 EA; extra-long 3,430 mm hinged rear doors / CoolJet C106 EA

Quantity: Default 1, Minimum 1 piece

Non-slip load floor mat

Optional · Suitable for: long 3200L tailgate / CoolJet C103 EA; long 3200L tailgate / CoolJet C106 EA; long 3200L hinged rear doors / CoolJet C103 EA; long 3200L hinged rear doors / CoolJet C106 EA

Quantity: Default 1, Minimum 1 piece

Non-slip mat for shelf

Optional · Suitable for: long 3200L tailgate / CoolJet C103 EA; long 3200L tailgate / CoolJet C106 EA; long 3200L hinged rear doors / CoolJet C103 EA; long 3200L hinged rear doors / CoolJet C106 EA; extra-long 3,430 mm tailgate / CoolJet C103 EA; extra-long 3,430 mm tailgate / CoolJet C106 EA; extra-long 3,430 mm hinged rear doors / CoolJet C103 EA; extra-long 3,430 mm hinged rear doors / CoolJet C106 EA

Quantity: Default 1, Minimum 1 piece

Lashing rail set around the upper level, RA 3200

Optional · Suitable for: long 3200L tailgate / CoolJet C103 EA; long 3200L tailgate / CoolJet C106 EA; long 3200L hinged rear doors / CoolJet C103 EA; long 3200L hinged rear doors / CoolJet C106 EA

Quantity: Default 1, Minimum 1 piece

Lashing rail set around the upper level, RA 3430

Optional · Suitable for: extra-long 3,430 mm tailgate / CoolJet C103 EA; extra-long 3,430 mm tailgate / CoolJet C106 EA; extra-long 3,430 mm hinged rear doors / CoolJet C103 EA; extra-long 3,430 mm hinged rear doors / CoolJet C106 EA

Quantity: Default 1, Minimum 1 piece

Surcharge for 2nd sliding door

Optional · Suitable for: long 3200L tailgate / CoolJet C103 EA; long 3200L tailgate / CoolJet C106 EA; long 3200L hinged rear doors / CoolJet C103 EA; long 3200L hinged rear doors / CoolJet C106 EA; extra-long 3,430 mm tailgate / CoolJet C103 EA; extra-long 3,430 mm tailgate / CoolJet C106 EA; extra-long 3,430 mm hinged rear doors / CoolJet C103 EA; extra-long 3,430 mm hinged rear doors / CoolJet C106 EA

We additionally recommend using PVC curtains Quantity: Default 1, Minimum 1 piece

Non-slip load floor mat

Optional · Suitable for: extra-long 3,430 mm tailgate / CoolJet C103 EA; extra-long 3,430 mm tailgate / CoolJet C106 EA; extra-long 3,430 mm hinged rear doors / CoolJet C103 EA; extra-long 3,430 mm hinged rear doors / CoolJet C106 EA

Quantity: Default 1, Minimum 1 piece

Telescopic load restraint bar, 1 piece

Optional · Suitable for: long 3200L tailgate / CoolJet C103 EA; long 3200L tailgate / CoolJet C106 EA; long 3200L hinged rear doors / CoolJet C103 EA; long 3200L hinged rear doors / CoolJet C106 EA; extra-long 3,430 mm tailgate / CoolJet C103 EA; extra-long 3,430 mm tailgate / CoolJet C106 EA; extra-long 3,430 mm hinged rear doors / CoolJet C103 EA; extra-long 3,430 mm hinged rear doors / 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: long 3200L tailgate / CoolJet C103 EA; long 3200L tailgate / CoolJet C106 EA; long 3200L hinged rear doors / CoolJet C103 EA; long 3200L hinged rear doors / CoolJet C106 EA; extra-long 3,430 mm tailgate / CoolJet C103 EA; extra-long 3,430 mm tailgate / CoolJet C106 EA; extra-long 3,430 mm hinged rear doors / CoolJet C103 EA; extra-long 3,430 mm hinged rear doors / 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: long 3200L tailgate / CoolJet C103 EA; long 3200L tailgate / CoolJet C106 EA; long 3200L hinged rear doors / CoolJet C103 EA; long 3200L hinged rear doors / CoolJet C106 EA; extra-long 3,430 mm tailgate / CoolJet C103 EA; extra-long 3,430 mm tailgate / CoolJet C106 EA; extra-long 3,430 mm hinged rear doors / CoolJet C103 EA; extra-long 3,430 mm hinged rear doors / CoolJet C106 EA

Quantity: Default 1, Minimum 1 piece

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

Optional · Suitable for: long 3200L tailgate / CoolJet C103 EA; long 3200L tailgate / CoolJet C106 EA; long 3200L hinged rear doors / CoolJet C103 EA; long 3200L hinged rear doors / CoolJet C106 EA; extra-long 3,430 mm tailgate / CoolJet C103 EA; extra-long 3,430 mm tailgate / CoolJet C106 EA; extra-long 3,430 mm hinged rear doors / CoolJet C103 EA; extra-long 3,430 mm hinged rear doors / 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: long 3200L tailgate / CoolJet C103 EA; long 3200L tailgate / CoolJet C106 EA; long 3200L hinged rear doors / CoolJet C103 EA; long 3200L hinged rear doors / CoolJet C106 EA; extra-long 3,430 mm tailgate / CoolJet C103 EA; extra-long 3,430 mm tailgate / CoolJet C106 EA; extra-long 3,430 mm hinged rear doors / CoolJet C103 EA; extra-long 3,430 mm hinged rear doors / CoolJet C106 EA

DIN slot supplied by Kerstner if not fitted at the factory

Optional · Suitable for: long 3200L tailgate / CoolJet C103 EA; long 3200L tailgate / CoolJet C106 EA; long 3200L hinged rear doors / CoolJet C103 EA; long 3200L hinged rear doors / CoolJet C106 EA; extra-long 3,430 mm tailgate / CoolJet C103 EA; extra-long 3,430 mm tailgate / CoolJet C106 EA; extra-long 3,430 mm hinged rear doors / CoolJet C103 EA; extra-long 3,430 mm hinged rear doors / CoolJet C106 EA

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

Refrigeration unit cover painted in vehicle colour – solid –

Optional · Suitable for: long 3200L tailgate / CoolJet C103 EA; long 3200L hinged rear doors / CoolJet C103 EA; extra-long 3,430 mm tailgate / CoolJet C103 EA; extra-long 3,430 mm hinged rear doors / CoolJet C103 EA

Refrigeration unit cover painted in vehicle colour – metallic –

Optional · Suitable for: long 3200L tailgate / CoolJet C103 EA; long 3200L hinged rear doors / CoolJet C103 EA; extra-long 3,430 mm tailgate / CoolJet C103 EA; extra-long 3,430 mm hinged rear doors / CoolJet C103 EA

Stationary refrigeration 230 V

Optional · Suitable for: long 3200L tailgate / CoolJet C103 EA; long 3200L tailgate / CoolJet C106 EA; long 3200L hinged rear doors / CoolJet C103 EA; long 3200L hinged rear doors / CoolJet C106 EA; extra-long 3,430 mm tailgate / CoolJet C103 EA; extra-long 3,430 mm tailgate / CoolJet C106 EA; extra-long 3,430 mm hinged rear doors / CoolJet C103 EA; extra-long 3,430 mm hinged rear doors / CoolJet C106 EA

Including external socket and 8m connecting cable

CJ heating option 500 W for C103EA

Optional · Suitable for: long 3200L tailgate / CoolJet C103 EA; long 3200L hinged rear doors / CoolJet C103 EA; extra-long 3,430 mm tailgate / CoolJet C103 EA; extra-long 3,430 mm hinged rear doors / CoolJet C103 EA

Warranty extension to 3 years

Optional · Suitable for: long 3200L tailgate / CoolJet C103 EA; long 3200L tailgate / CoolJet C106 EA; long 3200L hinged rear doors / CoolJet C103 EA; long 3200L hinged rear doors / CoolJet C106 EA; extra-long 3,430 mm tailgate / CoolJet C103 EA; extra-long 3,430 mm tailgate / CoolJet C106 EA; extra-long 3,430 mm hinged rear doors / CoolJet C103 EA; extra-long 3,430 mm hinged rear doors / CoolJet C106 EA

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

Warranty extension to 4 years

Optional · Suitable for: long 3200L tailgate / CoolJet C103 EA; long 3200L tailgate / CoolJet C106 EA; long 3200L hinged rear doors / CoolJet C103 EA; long 3200L hinged rear doors / CoolJet C106 EA; extra-long 3,430 mm tailgate / CoolJet C103 EA; extra-long 3,430 mm tailgate / CoolJet C106 EA; extra-long 3,430 mm hinged rear doors / CoolJet C103 EA; extra-long 3,430 mm hinged rear doors / CoolJet C106 EA

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

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