

Vehicle data sheet · Volkswagen

VW New Transporter – Frozen goods

Frozen transport · Belt drive

VW New Transporter – Frozen goods

Frozen transport

Brand **Volkswagen**

Model **VW New Transporter**

4,0 m³ / 4,8 m³

Load volume

2 / 3

Euro pallets

Product data: 13.10.2026

Conversion specification

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

Delivery code: 00795

The Kerstner frozen goods conversion for the VW New Transporter 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 electric refrigeration system reliably maintains the temperature range from 0 °C to -20 °C throughout the journey.

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 4.0-4.8 m³ with unobstructed clearance between the wheel arches, suitable for loading Euro pallets.

Variants and load space

L1 wheelbase 3,100 mm

Low roof

Wheelbase	3,100 mm
Load compartment length	2,300 mm
Width between wheel arches	1,265 mm
Upper width	1,490 mm
Interior height	1,194 mm
Evaporator height	100 mm
Load volume	4,0 m ³
E2 crates	55
Euro pallets	2
Compatible refrigeration units	Thermo King V300 max 20 / Thermo King V300 max 50

L2 wheelbase 3,500 mm

Low roof

Wheelbase	3,500 mm
Load compartment length	2,700 mm
Width between wheel arches	1,265 mm
Upper width	1,490 mm
Interior height	1,194 mm
Evaporator height	100 mm
Load volume	4,8 m ³
Euro pallets	3

Compatible refrigeration units

Thermo King V300 max 20 / Thermo King V300 max 50

Refrigeration

Temperature range: on request

Thermo King V300 max 20

External · Stationary refrigeration: included

- Engine-driven transport refrigeration unit for cooling, 12 V
- Ultra-flat ES150 evaporator
- Split unit for installation on the front wall above the cab
- Refrigeration while driving, 12 V (driven by the vehicle engine), and 220 V electric motor
- Ultra-flat ES 300 evaporator with 2 fans, airflow 1,250 m³/h
- Manual defrost or automatic timer-controlled defrost
- In-cab remote control with temperature display

The remote control and temperature recorder are installed in the existing available DIN slot. Otherwise, they are installed at a location we consider suitable. Subsequent changes can be made and will be charged according to the work required.

- DSR controller – Smart Reefer
- Effective refrigeration capacity at an ambient temperature of 30 °C under ATP conditions:

3,355 Watt at 0 °C

1,820 Watt at -20 °C

1,550 Watt at -25 °C

- R452A refrigerant: particularly environmentally friendly – 50% lower CO² impact; complies with legal requirements from 2020

Application: frozen goods transport

Type: roof-mounted unit

Refrigeration capacity: max. 3,330 W at 0 °C

Operating voltage: 12 V

Max. current draw: 452 A

Airflow: 1,400 m³/h

Refrigerant: R452A

Installation height: approx. 221 mm

Thermo King V300 max 50

External · Stationary refrigeration: included

- Engine-driven transport refrigeration unit for cooling and heating
- Split unit for installation on the front wall above the cab
- Refrigeration while driving, 12 V (driven by the vehicle engine), and 220 V electric motor
- Ultra-flat ES 300 evaporator with 2 fans, airflow 1,250 m³/h
- Manual defrost or automatic timer-controlled defrost
- In-cab remote control with temperature display

The remote control and temperature recorder are installed in the existing available DIN slot. Otherwise, they are installed at a location we consider suitable.

Subsequent changes can be made and will be charged according to the work required.

- DSR controller – Smart Reefer
- Effective refrigeration capacity at an ambient temperature of 30 °C under ATP conditions:

3,355 Watt at 0 °C

1,820 Watt at -20 °C

1,550 Watt at -25 °C

Application: chilled and frozen goods transport

Type: roof-mounted unit

Refrigeration capacity: max. 3,330 W at 0 °C

Operating voltage: 12 V

Max. current draw: 452 A

Airflow: 1,400 m³/h

Refrigerant: R452A

Installation height: +221 mm

Note: &

Standard equipment

- Kerstner easyfit insulation (K coefficient 0.33)
- LED interior light
- Polyester floor tray
- Front right and left water drains
- Water-retaining sill at the sliding door
- Aluminium impact protection on the right, left and front wall, approx. 16 cm high
- Half-round lashing rails on the right and left above the wheel arches
- Emergency release

Vehicle codes

Required codes

- 3CT – Full-height bulkhead without window – Standard
- Z33/33E – Cab seating package with double passenger bench seat
- ZBA/8FF – 2nd battery with split-charge relay (incl. CCP2)
- 3RE – Hinged rear doors
- 6B0 – Without lashing eyes
- SME – Spare wheel deletion (required for underfloor C106EA) – For C106EA
- 7N3 – Available DIN slot (for optional temperature recorder)

Excluded codes

- 33 A/33B – Double passenger bench seat with under-seat load-through facility
- EST – Electric sliding door

Equipment and accessories

Required accessories

TÜV assessment / Stage II certificate of conformity (COC)

Required accessories · Suitable for: L1 wheelbase 3,100 mm / Thermo King V300 max 20; L1 wheelbase 3,100 mm / Thermo King V300 max 50; L2 wheelbase 3,500 mm / Thermo King V300 max 20; L2 wheelbase 3,500 mm / Thermo King V300 max 50

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

Optional accessories

PVC strip curtain for the rear opening

Optional · Suitable for: L1 wheelbase 3,100 mm / Thermo King V300 max 20; L1 wheelbase 3,100 mm / Thermo King V300 max 50; L2 wheelbase 3,500 mm / Thermo King V300 max 20; L2 wheelbase 3,500 mm / Thermo King V300 max 50

Quantity: Default 1, Minimum 1 piece

PVC strip curtain for the sliding door

Optional · Suitable for: L1 wheelbase 3,100 mm / Thermo King V300 max 20; L1 wheelbase 3,100 mm / Thermo King V300 max 50; L2 wheelbase 3,500 mm / Thermo King V300 max 20; L2 wheelbase 3,500 mm / Thermo King V300 max 50

Quantity: Default 1, Minimum 1 piece

Aluminium chequer-plate floor panel RA 3100

Optional · Suitable for: L1 wheelbase 3,100 mm / Thermo King V300 max 20; L1 wheelbase 3,100 mm / Thermo King V300 max 50

Quantity: Default 1, Minimum 1 piece

Aluminium chequer-plate floor panel RA 3500

Optional · Suitable for: L2 wheelbase 3,500 mm / Thermo King V300 max 20; L2 wheelbase 3,500 mm / Thermo King V300 max 50

Quantity: Default 1, Minimum 1 piece

Shelf set I, 1 shelf

Optional · Suitable for: L1 wheelbase 3,100 mm / Thermo King V300 max 20; L1 wheelbase 3,100 mm / Thermo King V300 max 50; L2 wheelbase 3,500 mm / Thermo King V300 max 20; L2 wheelbase 3,500 mm / Thermo King V300 max 50

Quantity: Default 1, Minimum 1 piece

Shelf set II, 2 shelves one above the other

Optional · Suitable for: L1 wheelbase 3,100 mm / Thermo King V300 max 20; L1 wheelbase 3,100 mm / Thermo King V300 max 50; L2 wheelbase 3,500 mm / Thermo King V300 max 20; L2 wheelbase 3,500 mm / Thermo King V300 max 50

Quantity: Default 1, Minimum 1 piece

Non-slip load floor mat RA 3100

Optional · Suitable for: L1 wheelbase 3,100 mm / Thermo King V300 max 20; L1 wheelbase 3,100 mm / Thermo King V300 max 50

Quantity: Default 1, Minimum 1 piece

Non-slip load floor mat RA 3500

Optional · Suitable for: L2 wheelbase 3,500 mm / Thermo King V300 max 20; L2 wheelbase 3,500 mm / Thermo King V300 max 50

Quantity: Default 1, Minimum 1 piece

Non-slip mat for shelf

Optional · Suitable for: L1 wheelbase 3,100 mm / Thermo King V300 max 20; L1 wheelbase 3,100 mm / Thermo King V300 max 50; L2 wheelbase 3,500 mm / Thermo King V300 max 20; L2 wheelbase 3,500 mm / Thermo King V300 max 50

Quantity: Default 1, Minimum 1 piece

ATP certificate FRCX

Optional · Suitable for: L1 wheelbase 3,100 mm / Thermo King V300 max 20; L1 wheelbase 3,100 mm / Thermo King V300 max 50; L2 wheelbase 3,500 mm / Thermo King V300 max 20; L2 wheelbase 3,500 mm / Thermo King V300 max 50

Quantity: Default 1, Minimum 1 piece

Telescopic load restraint bar, 1 piece

Optional · Suitable for: L1 wheelbase 3,100 mm / Thermo King V300 max 20; L1 wheelbase 3,100 mm / Thermo King V300 max 50; L2 wheelbase 3,500 mm / Thermo King V300 max 20; L2 wheelbase 3,500 mm / Thermo King V300 max 50

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 3,100 mm / Thermo King V300 max 20; L1 wheelbase 3,100 mm / Thermo King V300 max 50; L2 wheelbase 3,500 mm / Thermo King V300 max 20; L2 wheelbase 3,500 mm / Thermo King V300 max 50

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 3,100 mm / Thermo King V300 max 20; L1 wheelbase 3,100 mm / Thermo King V300 max 50; L2 wheelbase 3,500 mm / Thermo King V300 max 20; L2 wheelbase 3,500 mm / Thermo King V300 max 50

Quantity: Default 1, Minimum 1 piece

DIN slot supplied by Kerstner if not fitted at the factory

Optional · Suitable for: L1 wheelbase 3,100 mm / Thermo King V300 max 20; L1 wheelbase 3,100 mm / Thermo King V300 max 50; L2 wheelbase 3,500 mm / Thermo King V300 max 20; L2 wheelbase 3,500 mm / Thermo King V300 max 50

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

Thermo King Touchlog Premium temperature recorder

Optional · Suitable for: L1 wheelbase 3,100 mm / Thermo King V300 max 20; L1 wheelbase 3,100 mm / Thermo King V300 max 50; L2 wheelbase 3,500 mm / Thermo King V300 max 20; L2 wheelbase 3,500 mm / Thermo King V300 max 50

Blue Box Lite

Optional · Suitable for: L1 wheelbase 3,100 mm / Thermo King V300 max 20; L1 wheelbase 3,100 mm / Thermo King V300 max 50; L2 wheelbase 3,500 mm / Thermo King V300 max 20; L2 wheelbase 3,500 mm / Thermo King V300 max 50

Kerstner GmbH

Werner-von-Siemens-Straße 9
68649 Groß-Rohrheim

+49 6245 90770-0

info@kerstner.de
www.kerstner.de

