

Fiat Doblo K9 - Chilled goods

Fiat Doblo K9 as a Kerstner refrigerated vehicle for Chilled transport: refrigeration, insulation and equipment as a coordinated complete solution.



Brand	Fiat
Model	Doblo K9
Application	Chilled transport
Refrigeration technology	Electric refrigeration

Product data: 20.09.2026

Conversion specification

Base vehicle: panel van, sliding door on the right, K9 platform, internal combustion engine (ICE)

The Kerstner chilled goods conversion for the Fiat Doblo 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 0.33 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 1.7-2.1 m³ with unobstructed clearance between the wheel arches, suitable for loading Euro pallets.

Variants and load compartment data

L1 wheelbase 2785mm

approx. 1.7m3

Wheelbase	2785 mm
Load compartment length	1520 mm
Width between wheel arches	1120 mm
Upper width	1350 mm
Interior height	970 mm
Evaporator height	100 mm
Load volume	1,7 m³
Euro pallets	1
Gewicht Ausbau	165 kg
Compatible refrigeration units	CoolJet C103 EA / CoolJet C106 EA

L2 wheelbase 2975mm

approx. 2.1m3

Wheelbase	2975 mm
Load compartment length	1870 mm
Width between wheel arches	1120 mm
Upper width	1350 mm
Interior height	970 mm
Evaporator height	100 mm
Load volume	2,1 m³
Euro pallets	1
Gewicht Ausbau	190 kg
Compatible refrigeration units	CoolJet C103 EA / CoolJet C106 EA

Refrigeration technology

Temperature range: on request

CoolJet C103 EA

Roof-mounted · Stationary refrigeration: optional

Application: chilled goods transport

Type: roof-mounted unit

Refrigeration capacity: max. 1006W at 0°C

Operating voltage: 12 V

Max. current draw: 70 A

Airflow: 750m³/h

Refrigerant: R134a

Installation height: +130mm

CoolJet C106 EA

Underfloor · Stationary refrigeration: optional

Application: chilled goods transport

Type: underfloor unit

Refrigeration capacity: max. 944W at 0°C

Operating voltage: 12 V

Max. current draw: 45 A

Airflow: 480m³/h

Refrigerant: R134a

Installation height: unchanged

Standard equipment

- Easyfit insulation (k=0.33)
- Electric refrigeration system for refrigeration while driving
- PU floor with water-retaining sill and 2 water drains
- Aluminium impact protection (approx. 14 cm high) on the left, right (except sliding door) and front wall
- Horizontal half-round lashing rails above the wheel arches on the left and right
- Electric refrigeration system
- LED interior light + emergency release

Vehicle codes

Required codes

- - - Durchgehende Trennwand ohne Fenster
- 523 - Right sliding door with solid panel
- 516 - Double rear doors without rear windows, with 180° hinges
- - - Lichtmaschine mind. 150 A für C106 EA

- Alternator min. 180 A for C103 EA
- 782 – CanBus connection socket for converters
- 2U9 – For towbar/pre-installation
- 5ZJ – Double passenger bench seat – Required for stationary refrigeration

Excluded codes

- - - Trennwand verglast
- TBB – Spare wheel (for C106 EA)
- Diesel 1.5 130
- Left sliding door
- CKC/7XC/CKD/80K – Load floor or lining
- Roof loading hatch
- 181 – Tailgate
- 0LT – Construction site package
- Overload indicator
- 5P9 – Trek preparation
- Start-stop function or deactivation

Equipment and accessories

Required accessories

TÜV assessment / Stage II certificate of conformity (COC)

Required accessories · Suitable for: L1 wheelbase 2785mm / CoolJet C103 EA; L1 wheelbase 2785mm / CoolJet C106 EA; L2 wheelbase 2975mm / CoolJet C103 EA; L2 wheelbase 2975mm / CoolJet C106 EA

Required for submission at registration

Quantity: default 1, minimum 1 units

Optional accessories

Aluminium floor panel, wheelbase 2785mm

Optional · Suitable for: L1 wheelbase 2785mm / CoolJet C103 EA; L1 wheelbase 2785mm / CoolJet C106 EA

Quantity: default 1, minimum 1 units

Aluminium floor panel, wheelbase 2975mm

Optional · Suitable for: L2 wheelbase 2975mm / CoolJet C103 EA; L2 wheelbase 2975mm / CoolJet C106 EA

Quantity: default 1, minimum 1 units

Non-slip load floor mat, wheelbase 2785mm

Optional · Suitable for: L1 wheelbase 2785mm / CoolJet C103 EA; L1 wheelbase 2785mm / CoolJet C106 EA

Quantity: default 1, minimum 1 units

Non-slip load floor mat, wheelbase 2975mm

Optional · Suitable for: L2 wheelbase 2975mm / CoolJet C103 EA; L2 wheelbase 2975mm / CoolJet C106 EA

Quantity: default 1, minimum 1 units

Shelf set I (1 height-adjustable shelf)

Optional · Suitable for: L1 wheelbase 2785mm / CoolJet C103 EA; L1 wheelbase 2785mm / CoolJet C106 EA; L2 wheelbase 2975mm / CoolJet C103 EA; L2 wheelbase 2975mm / CoolJet C106 EA

Quantity: default 1, minimum 1 units

Shelf set I (2 shelves one above the other, height-adjustable)

Optional · Suitable for: L1 wheelbase 2785mm / CoolJet C103 EA; L1 wheelbase 2785mm / CoolJet C106 EA; L2 wheelbase 2975mm / CoolJet C103 EA; L2 wheelbase 2975mm / CoolJet C106 EA

Quantity: default 1, minimum 1 units

PVC strip curtain for the rear opening

Optional · Suitable for: L1 wheelbase 2785mm / CoolJet C103 EA; L1 wheelbase 2785mm / CoolJet C106 EA; L2 wheelbase 2975mm / CoolJet C103 EA; L2 wheelbase 2975mm / CoolJet C106 EA

Quantity: default 1, minimum 1 units

PVC strip curtain for the sliding door

Optional · Suitable for: L1 wheelbase 2785mm / CoolJet C103 EA; L1 wheelbase 2785mm / CoolJet C106 EA; L2 wheelbase 2975mm / CoolJet C103 EA; L2 wheelbase 2975mm / CoolJet C106 EA

Quantity: default 1, minimum 1 units

Horizontal lashing rails at a custom height on the left and right, wheelbase 2785mm

Optional · Suitable for: L1 wheelbase 2785mm / CoolJet C103 EA; L1 wheelbase 2785mm / CoolJet C106 EA

Quantity: default 1, minimum 1 units

Horizontal lashing rails at a custom height on the left and right, wheelbase 2975mm

Optional · Suitable for: L2 wheelbase 2975mm / CoolJet C103 EA; L2 wheelbase 2975mm / CoolJet C106 EA

Quantity: default 1, minimum 1 units

ATP certificate FRAX

Optional · Suitable for: L1 wheelbase 2785mm / CoolJet C103 EA; L1 wheelbase 2785mm / CoolJet C106 EA; L2 wheelbase 2975mm / CoolJet C103 EA; L2 wheelbase 2975mm / CoolJet C106 EA

Quantity: default 1, minimum 1 units

Non-slip mat for shelf

Optional · Suitable for: L1 wheelbase 2785mm / CoolJet C103 EA; L1 wheelbase 2785mm / CoolJet C106 EA; L2 wheelbase 2975mm / CoolJet C103 EA; L2 wheelbase 2975mm / CoolJet C106 EA

Quantity: default 1, minimum 1 units

Telescopic load restraint bar, 1 piece

Optional · Suitable for: L1 wheelbase 2785mm / CoolJet C103 EA; L1 wheelbase 2785mm / CoolJet C106 EA; L2 wheelbase 2975mm / CoolJet C103 EA; L2 wheelbase 2975mm / CoolJet C106 EA

Transsafe load restraint bar

Universally compatible with all airline tracks

Quantity: default 1, minimum 1 units

Telescopic load restraint bar package, 2 pieces

Optional · Suitable for: L1 wheelbase 2785mm / CoolJet C103 EA; L1 wheelbase 2785mm / CoolJet C106 EA; L2 wheelbase 2975mm / CoolJet C103 EA; L2 wheelbase 2975mm / CoolJet C106 EA

Transsafe load restraint bar

Universally compatible with all airline tracks

Quantity: default 1, minimum 1 units

Lashing strap package (2 straps)

Optional · Suitable for: L1 wheelbase 2785mm / CoolJet C103 EA; L1 wheelbase 2785mm / CoolJet C106 EA; L2 wheelbase 2975mm / CoolJet C103 EA; L2 wheelbase 2975mm / CoolJet C106 EA

Quantity: default 1, minimum 1 units

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

Optional · Suitable for: L1 wheelbase 2785mm / CoolJet C103 EA; L1 wheelbase 2785mm / CoolJet C106 EA; L2 wheelbase 2975mm / CoolJet C103 EA; L2 wheelbase 2975mm / CoolJet C106 EA

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

Optional · Suitable for: L1 wheelbase 2785mm / CoolJet C103 EA; L1 wheelbase 2785mm / CoolJet C106 EA; L2 wheelbase 2975mm / CoolJet C103 EA; L2 wheelbase 2975mm / CoolJet C106 EA

DIN slot supplied by Kerstner if not fitted at the factory

Optional · Suitable for: L1 wheelbase 2785mm / CoolJet C103 EA; L1 wheelbase 2785mm / CoolJet C106 EA; L2 wheelbase 2975mm / CoolJet C103 EA; L2 wheelbase 2975mm / 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: L1 wheelbase 2785mm / CoolJet C103 EA; L2 wheelbase 2975mm / CoolJet C103 EA

Refrigeration unit cover painted in vehicle colour - metallic -

Optional · Suitable for: L1 wheelbase 2785mm / CoolJet C103 EA; L2 wheelbase 2975mm / CoolJet C103 EA

Stationary refrigeration 230V

Optional · Suitable for: L1 wheelbase 2785mm / CoolJet C103 EA; L1 wheelbase 2785mm / CoolJet C106 EA; L2 wheelbase 2975mm / CoolJet C103 EA; L2 wheelbase 2975mm / CoolJet C106 EA

Including external socket and 8m connecting cable

CJ heating option 500W for C103EA

Optional · Suitable for: L1 wheelbase 2785mm / CoolJet C103 EA; L2 wheelbase 2975mm / CoolJet C103 EA

Warranty extension to 3 years

Optional · Suitable for: L1 wheelbase 2785mm / CoolJet C103 EA; L1 wheelbase 2785mm / CoolJet C106 EA; L2 wheelbase 2975mm / CoolJet C103 EA; L2 wheelbase 2975mm / 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 2785mm / CoolJet C103 EA; L1 wheelbase 2785mm / CoolJet C106 EA; L2 wheelbase 2975mm / CoolJet C103 EA; L2 wheelbase 2975mm / CoolJet C106 EA

Warranty extension from 24 to 48 months

- according to our warranty terms -

Product page: <https://kerstner.de/en/flat-doblo-k9-chilled-goods/>