Vehicle data sheet · Fiat

Fiat Ducato X250 · Chilled transport with belt drive

Chilled transport · Belt drive



Brand	**Fiat**
Model	**Ducato X250**

7,7 m³ / 9,7 m³
Load volume

3-4 / 4-5
Euro pallets

Product data: 05.11.2026

Conversion specification

Base vehicle: panel van, front-wheel drive, X250 platform, sliding door on the right

The Kerstner chilled goods conversion for the Fiat Ducato 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 engine-driven 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 7.7 - 9.7 m³ with unobstructed clearance between the wheel arches, suitable for loading Euro pallets.

Variants and load space

L2H2 (7.7m3)

front-wheel drive, 2,800 mm

Wheelbase	3,450 mm
Load compartment length	2,800 mm
Width between wheel arches	1,260 mm
Upper width	1,620 mm
Interior height	1,690 mm
Evaporator height	100 mm
Load volume	7,7 m³
Euro pallets	3-4
Compatible refrigeration units	CoolJet C206RA / Thermo King V200 max 50 / Thermo King V200 max 20

L3H2 (9.7m3)

front-wheel drive, 3,390 mm

Wheelbase	4,035 mm
Load compartment length	3,390 mm
Width between wheel arches	1,260 mm
Upper width	1,620 mm
Interior height	1,690 mm

Evaporator height	100 mm
Load volume	9,7 m³
Euro pallets	4-5
Compatible refrigeration units	CoolJet C206RA / Thermo King V200 max 50 / Thermo King V200 max 20

Refrigeration

Temperature range: on request

CoolJet C206RA

Roof-mounted · Stationary refrigeration: optional

The CoolJet C206RA is a roof-mounted refrigeration unit with belt drive designed for fresh delivery.

Application: chilled goods transport

Type: roof-mounted unit

Refrigeration capacity: max. 3,157 W at 0 °C

Operating voltage: 12 V

Max. current draw: 24 A

Airflow: 1,120 m³/h

Refrigerant: R134a

Installation height: +250 mm

Thermo King V200 max 50

External · Stationary refrigeration: included

- Split refrigeration unit for installation on the front wall or roof

- Ultra-flat ES 200 evaporator with 2 fans, airflow 1,070 m³/h

- In-transit cooling at 12 V (driven by the vehicle engine) and 230 V electric motor

- 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:

2,710 W at 0 °C

1,560 W at -20 °C

1,190 W at -25 °C

- Heating capacity approx. 2,400 W

945 W at -20 °C

- R452A refrigerant: particularly environmentally friendly – 50% lower CO^2 impact; complies with legal requirements from 2020

Application: chilled and frozen goods transport

Type: roof-mounted

Cooling capacity: 2,710 W at 0 °C

Operating voltage: 12 V

Max. current draw: 452 A

Air flow: 1,070 m^3/h

Refrigerant: R452A

Installation height: +221 mm

Note: & roof

Thermo King V200 max 20

External · Stationary refrigeration: included

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- Ultra-flat ES 200 evaporator with 2 fans, airflow 1,070 m^3/h

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Cooling capacity: 2,710 W at 0 °C

Operating voltage: 12 V

Max. current draw: 452 A

Air flow: 1,070 m³/h

Refrigerant: R452A

Installation height: +221 mm

Note: & roof

Standard equipment

• Kerstner easyfit insulation (K coefficient =0.37)

• Belt-driven refrigeration system for refrigeration while driving

• PU floor with water-retaining sill at the sliding door and 2 water drains

• Aluminium impact protection (approx. 20 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

• LED interior light + emergency release

Vehicle codes

Required codes

• 149 – Full bulkhead without window

• 081 / 7KK / 782/ AWE – Converter package (alternator 220 A, battery 105Ah)

• 619 – Double rear doors without rear windows, with 260° hinges

• Standard – Right sliding door, solid panel without window

• - – Double passenger bench seat – Required for stationary refrigeration

• - – Power take-off for C206RA/RC – For C206 RA/RC

Excluded codes

• 8XD / 8X7 / 5V6 / 5V7 / 361 – Load floor/side linings

• - – Overhead storage above windscreen

• 055 – Left sliding door

• - – Start-stop function (or deactivation)

• Construction site packages/cargo packages

Equipment and accessories

Required accessories

TÜV assessment / Stage II certificate of conformity (COC)

Required accessories · Suitable for: L2H2 (7.7m3) / CoolJet C206RA; L2H2 (7.7m3) / Thermo King V200 max 50; L2H2 (7.7m3) / Thermo King V200 max 20; L3H2 (9.7m3) / CoolJet C206RA; L3H2 (9.7m3) / Thermo King V200 max 50; L3H2 (9.7m3) / Thermo King V200 max 20

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

Optional accessories

Aluminium floor panel L2

Optional · Suitable for: L2H2 (7.7m3) / CoolJet C206RA; L2H2 (7.7m3) / Thermo King V200 max 50; L2H2 (7.7m3) / Thermo King V200 max 20

Quantity: Default 1, Minimum 1 piece

Aluminium floor panel L3

Optional · Suitable for: L3H2 (9.7m3) / CoolJet C206RA; L3H2 (9.7m3) / Thermo King V200 max 50; L3H2 (9.7m3) / Thermo King V200 max 20

Quantity: Default 1, Minimum 1 piece

Non-slip load floor mat L2

Optional · Suitable for: L2H2 (7.7m3) / CoolJet C206RA; L2H2 (7.7m3) / Thermo King V200 max 50; L2H2 (7.7m3) / Thermo King V200 max 20

Quantity: Default 1, Minimum 1 piece

Non-slip load floor mat L3

Optional · Suitable for: L3H2 (9.7m3) / CoolJet C206RA; L3H2 (9.7m3) / Thermo King V200 max 50; L3H2 (9.7m3) / Thermo King V200 max 20

Quantity: Default 1, Minimum 1 piece

Non-slip mat for shelf

Optional · Suitable for: L2H2 (7.7m3) / CoolJet C206RA; L2H2 (7.7m3) / Thermo King V200 max 50; L2H2 (7.7m3) / Thermo King V200 max 20; L3H2 (9.7m3) / CoolJet C206RA; L3H2 (9.7m3) / Thermo King V200 max 50; L3H2 (9.7m3) / Thermo King V200 max 20

Quantity: Default 1, Minimum 1 piece

Shelf set I (1 shelf)

Optional · Suitable for: L2H2 (7.7m3) / CoolJet C206RA; L2H2 (7.7m3) / Thermo King V200 max 50; L2H2 (7.7m3) / Thermo King V200 max 20; L3H2 (9.7m3) / CoolJet C206RA; L3H2 (9.7m3) / Thermo King V200 max 50; L3H2 (9.7m3) / Thermo King V200 max 20

Quantity: Default 1, Minimum 1 piece

Shelf set II (2 shelves one above the other)

Optional · Suitable for: L2H2 (7.7m3) / CoolJet C206RA; L2H2 (7.7m3) / Thermo King V200 max 50; L2H2 (7.7m3) / Thermo King V200 max 20; L3H2 (9.7m3) / CoolJet C206RA; L3H2 (9.7m3) / Thermo King V200 max 50; L3H2 (9.7m3) / Thermo King V200 max 20

Quantity: Default 1, Minimum 1 piece

PVC strip curtain for the rear opening

Optional · Suitable for: L2H2 (7.7m3) / CoolJet C206RA; L2H2 (7.7m3) / Thermo King V200 max 50; L2H2 (7.7m3) / Thermo King V200 max 20; L3H2 (9.7m3) / CoolJet C206RA; L3H2 (9.7m3) / Thermo King V200 max 50; L3H2 (9.7m3) / Thermo King V200 max 20

Quantity: Default 1, Minimum 1 piece

PVC strip curtain for the sliding door

Optional · Suitable for: L2H2 (7.7m3) / CoolJet C206RA; L2H2 (7.7m3) / Thermo King V200 max 50; L2H2 (7.7m3) / Thermo King V200 max 20; L3H2 (9.7m3) / CoolJet C206RA; L3H2 (9.7m3) / Thermo King V200 max 50; L3H2 (9.7m3) / Thermo King V200 max 20

Quantity: Default 1, Minimum 1 piece

Additional horizontal lashing rails on the left and right L2

Optional · Suitable for: L2H2 (7.7m3) / CoolJet C206RA; L2H2 (7.7m3) / Thermo King V200 max 50; L2H2 (7.7m3) / Thermo King V200 max 20

Quantity: Default 1, Minimum 1 piece

Additional horizontal lashing rails on the left and right L3

Optional · Suitable for: L3H2 (9.7m3) / CoolJet C206RA; L3H2 (9.7m3) / Thermo King V200 max 50; L3H2 (9.7m3) / Thermo King V200 max 20

Quantity: Default 1, Minimum 1 piece

Front-wall lashing rail

Optional · Suitable for: L2H2 (7.7m3) / CoolJet C206RA; L2H2 (7.7m3) / Thermo King V200 max 50; L2H2 (7.7m3) / Thermo King V200 max 20; L3H2 (9.7m3) / CoolJet C206RA; L3H2 (9.7m3) / Thermo King V200 max 50; L3H2 (9.7m3) / Thermo King V200 max 20

Quantity: Default 1, Minimum 1 piece

ATP certificate FRAX

Optional · Suitable for: L2H2 (7.7m3) / CoolJet C206RA; L2H2 (7.7m3) / Thermo King V200 max 50; L2H2 (7.7m3) / Thermo King V200 max 20; L3H2 (9.7m3) / CoolJet C206RA; L3H2 (9.7m3) / Thermo King V200 max 50; L3H2 (9.7m3) / Thermo King V200 max 20

Quantity: Default 1, Minimum 1 piece

Fixed partition for multi-compartment solution

Optional · Suitable for: L2H2 (7.7m3) / CoolJet C206RA; L2H2 (7.7m3) / Thermo King V200 max 50; L2H2 (7.7m3) / Thermo King V200 max 20; L3H2 (9.7m3) / CoolJet C206RA; L3H2 (9.7m3) / Thermo King V200 max 50; L3H2 (9.7m3) / Thermo King V200 max 20

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

Partition in load compartment for multi-compartment solution

Optional · Suitable for: L2H2 (7.7m3) / CoolJet C206RA; L2H2 (7.7m3) / Thermo King V200 max 50; L2H2 (7.7m3) / Thermo King V200 max 20; L3H2 (9.7m3) / CoolJet C206RA; L3H2 (9.7m3) / Thermo King V200 max 50; L3H2 (9.7m3) / Thermo King V200 max 20

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

Bär VanLift FreeAccess A2V

Optional · Suitable for: L2H2 (7.7m3) / CoolJet C206RA; L2H2 (7.7m3) / Thermo King V200 max 50; L2H2 (7.7m3) / Thermo King V200 max 20; L3H2 (9.7m3) / CoolJet C206RA; L3H2 (9.7m3) / Thermo King V200 max 50; L3H2 (9.7m3) / Thermo King V200 max 20

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: L2H2 (7.7m3) / CoolJet C206RA; L2H2 (7.7m3) / Thermo King V200 max 50; L2H2 (7.7m3) / Thermo King V200 max 20; L3H2 (9.7m3) / CoolJet C206RA; L3H2 (9.7m3) / Thermo King V200 max 50; L3H2 (9.7m3) / Thermo King V200 max 20

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

Optional · Suitable for: L2H2 (7.7m3) / CoolJet C206RA; L2H2 (7.7m3) / Thermo King V200 max 50; L2H2 (7.7m3) / Thermo King V200 max 20; L3H2 (9.7m3) / CoolJet C206RA; L3H2 (9.7m3) / Thermo King V200 max 50; L3H2 (9.7m3) / Thermo King V200 max 20

Telescopic load restraint bar, 1 piece

Optional · Suitable for: L2H2 (7.7m3) / CoolJet C206RA; L2H2 (7.7m3) / Thermo King V200 max 50; L2H2 (7.7m3) / Thermo King V200 max 20; L3H2 (9.7m3) / CoolJet C206RA; L3H2 (9.7m3) / Thermo King V200 max 50; L3H2 (9.7m3) / Thermo King V200 max 20

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: L2H2 (7.7m3) / CoolJet C206RA; L2H2 (7.7m3) / Thermo King V200 max 50; L2H2 (7.7m3) / Thermo King V200 max 20; L3H2 (9.7m3) / CoolJet C206RA; L3H2 (9.7m3) / Thermo King V200 max 50; L3H2 (9.7m3) / Thermo King V200 max 20

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

Lashing strap package (2 straps)

Optional · Suitable for: L2H2 (7.7m3) / CoolJet C206RA; L2H2 (7.7m3) / Thermo King V200 max 50; L2H2 (7.7m3) / Thermo King V200 max 20; L3H2 (9.7m3) / CoolJet C206RA; L3H2 (9.7m3) / Thermo King V200 max 50; L3H2 (9.7m3) / Thermo King V200 max 20

Quantity: Default 1, Minimum 1 piece

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

Optional · Suitable for: L2H2 (7.7m3) / CoolJet C206RA; L3H2 (9.7m3) / CoolJet C206RA

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: L2H2 (7.7m3) / CoolJet C206RA; L3H2 (9.7m3) / CoolJet C206RA

DIN slot supplied by Kerstner if not fitted at the factory

Optional · Suitable for: L2H2 (7.7m3) / CoolJet C206RA; L3H2 (9.7m3) / CoolJet C206RA

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

Thermo King Touchlog Premium temperature recorder

Optional · Suitable for: L2H2 (7.7m3) / Thermo King V200 max 50; L2H2 (7.7m3) / Thermo King V200 max 20; L3H2 (9.7m3) / Thermo King V200 max 50; L3H2 (9.7m3) / Thermo King V200 max 20

Blue Box Lite including installation

Optional · Suitable for: L2H2 (7.7m3) / Thermo King V200 max 50; L2H2 (7.7m3) / Thermo King V200 max 20; L3H2 (9.7m3) / Thermo King V200 max 50; L3H2 (9.7m3) / Thermo King V200 max 20

Refrigeration unit cover painted in vehicle colour – solid –

Optional · Suitable for: L2H2 (7.7m3) / CoolJet C206RA; L3H2 (9.7m3) / CoolJet C206RA

Refrigeration unit cover painted in vehicle colour – metallic –

Optional · Suitable for: L2H2 (7.7m3) / CoolJet C206RA; L3H2 (9.7m3) / CoolJet C206RA

230 V standby cooling, chilled transport variant

Optional · Suitable for: L2H2 (7.7m3) / CoolJet C206RA; L3H2 (9.7m3) / CoolJet C206RA

Including external socket and 8m connecting cable

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