Vehicle data sheet · Nissan

Nissan Primastar chilled transport

Chilled transport · Electric refrigeration

Nissan Primastar chilled transport

Chilled transport

Brand	**Nissan**
Model	**Primastar chilled transport**

3,9 m³ / 4,6 m³
Load volume

2 / 3
Euro pallets

Product data: 02.11.2026

Conversion specification

Base vehicle: panel van, sliding door on the right, hinged rear doors, internal combustion engine (ICE)

The Kerstner chilled transport conversion for the Nissan Primastar 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 0.36 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 3.9-4.6 m³ with unobstructed clearance between the wheel arches, suitable for loading Euro pallets.

Variants and load space

L1 wheelbase 3,098 mm

approx. 3.9 m3

Wheelbase	2,785 mm
Load compartment length	2,190 mm
Width between wheel arches	1,210 mm
Upper width	1,490 mm
Interior height	1,070 mm
Evaporator height	100 mm
Load volume	3,9 m³
Euro pallets	2
Compatible refrigeration units	CoolJet C103 EA / CoolJet C106 EA

L2 wheelbase 3,498 mm

approx. 4.6 m3

Wheelbase	3,498 mm
Load compartment length	2,570 mm
Width between wheel arches	1,210 mm
Upper width	1,490 mm
Interior height	1,070 mm
Evaporator height	100 mm
Load volume	4,6 m³
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

The CoolJet C103 EA is an electric roof-mounted refrigeration unit for fresh delivery vehicles with an operating voltage of 12 V.

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

The CoolJet C106 EA is an electric underfloor refrigeration unit designed for fresh delivery, operating at 12 V. Installation beneath the vehicle preserves the free roof area.

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

• Easyfit insulation (k=0.36)

• Electric refrigeration system for refrigeration while driving

• PU floor with water-retaining sill and 2 water drains

• Aluminium impact protection (approx. 16 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

• 18108 – Pre-installation for bodybuilder module

• 1EB02 – Bodybuilder control unit

• 1B101/1BRR1 – Without side lining

• 228R0 – Without additional pulley

• 338R2 – 12-V battery – 80 AH

• 37116 – Solid left side wall

• 37210 – Solid right sliding door

• 57114 – Bulkhead without window

• 60203 – Towball coupling

• 88710 – Solid rear side panels

• 2ER03 – Spare wheel carrier – for underfloor unit

Excluded codes

• Spare wheel (for C106 EA)

• Left sliding door

Equipment and accessories

Required accessories

TÜV assessment / Stage II certificate of conformity (COC)

Required accessories · Suitable for: L1 wheelbase 3,098 mm / CoolJet C103 EA; L1 wheelbase 3,098 mm / CoolJet C106 EA; L2 wheelbase 3,498 mm / CoolJet C103 EA; L2 wheelbase 3,498 mm / CoolJet C106 EA

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

Optional accessories

Aluminium floor panel, wheelbase 3,098 mm

Optional · Suitable for: L1 wheelbase 3,098 mm / CoolJet C103 EA; L1 wheelbase 3,098 mm / CoolJet C106 EA

Quantity: Default 1, Minimum 1 piece

Aluminium floor panel, wheelbase 3,498 mm

Optional · Suitable for: L2 wheelbase 3,498 mm / CoolJet C103 EA; L2 wheelbase 3,498 mm / CoolJet C106 EA

Quantity: Default 1, Minimum 1 piece

Non-slip load floor mat, wheelbase 3,098 mm

Optional · Suitable for: L1 wheelbase 3,098 mm / CoolJet C103 EA; L1 wheelbase 3,098 mm / CoolJet C106 EA

Quantity: Default 1, Minimum 1 piece

Non-slip load floor mat, wheelbase 3,498 mm

Optional · Suitable for: L2 wheelbase 3,498 mm / CoolJet C103 EA; L2 wheelbase 3,498 mm / CoolJet C106 EA

Quantity: Default 1, Minimum 1 piece

Shelf set I (1 height-adjustable shelf)

Optional · Suitable for: L1 wheelbase 3,098 mm / CoolJet C103 EA; L1 wheelbase 3,098 mm / CoolJet C106 EA; L2 wheelbase 3,498 mm / CoolJet C103 EA; L2 wheelbase 3,498 mm / CoolJet C106 EA

Quantity: Default 1, Minimum 1 piece

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

Optional · Suitable for: L1 wheelbase 3,098 mm / CoolJet C103 EA; L1 wheelbase 3,098 mm / CoolJet C106 EA; L2 wheelbase 3,498 mm / CoolJet C103 EA; L2 wheelbase 3,498 mm / CoolJet C106 EA

Quantity: Default 1, Minimum 1 piece

PVC strip curtain for the rear opening

Optional · Suitable for: L1 wheelbase 3,098 mm / CoolJet C103 EA; L1 wheelbase 3,098 mm / CoolJet C106 EA; L2 wheelbase 3,498 mm / CoolJet C103 EA; L2 wheelbase 3,498 mm / CoolJet C106 EA

Quantity: Default 1, Minimum 1 piece

PVC strip curtain for the sliding door

Optional · Suitable for: L1 wheelbase 3,098 mm / CoolJet C103 EA; L1 wheelbase 3,098 mm / CoolJet C106 EA; L2 wheelbase 3,498 mm / CoolJet C103 EA; L2 wheelbase 3,498 mm / CoolJet C106 EA

Quantity: Default 1, Minimum 1 piece

Horizontal lashing rails at a custom height on the left and right, wheelbase 3,098 mm

Optional · Suitable for: L1 wheelbase 3,098 mm / CoolJet C103 EA; L1 wheelbase 3,098 mm / CoolJet C106 EA

Quantity: Default 1, Minimum 1 piece

Horizontal lashing rails at a custom height on the left and right, wheelbase 3,498 mm

Optional · Suitable for: L2 wheelbase 3,498 mm / CoolJet C103 EA; L2 wheelbase 3,498 mm / CoolJet C106 EA

Quantity: Default 1, Minimum 1 piece

ATP certificate FRAX

Optional · Suitable for: L1 wheelbase 3,098 mm / CoolJet C103 EA; L1 wheelbase 3,098 mm / CoolJet C106 EA; L2 wheelbase 3,498 mm / CoolJet C103 EA; L2 wheelbase 3,498 mm / CoolJet C106 EA

Quantity: Default 1, Minimum 1 piece

Non-slip mat for shelf

Optional · Suitable for: L1 wheelbase 3,098 mm / CoolJet C103 EA; L1 wheelbase 3,098 mm / CoolJet C106 EA; L2 wheelbase 3,498 mm / CoolJet C103 EA; L2 wheelbase 3,498 mm / CoolJet C106 EA

Quantity: Default 1, Minimum 1 piece

Telescopic load restraint bar, 1 piece

Optional · Suitable for: L1 wheelbase 3,098 mm / CoolJet C103 EA; L1 wheelbase 3,098 mm / CoolJet C106 EA; L2 wheelbase 3,498 mm / CoolJet C103 EA; L2 wheelbase 3,498 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 3,098 mm / CoolJet C103 EA; L1 wheelbase 3,098 mm / CoolJet C106 EA; L2 wheelbase 3,498 mm / CoolJet C103 EA; L2 wheelbase 3,498 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 3,098 mm / CoolJet C103 EA; L1 wheelbase 3,098 mm / CoolJet C106 EA; L2 wheelbase 3,498 mm / CoolJet C103 EA; L2 wheelbase 3,498 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 3,098 mm / CoolJet C103 EA; L1 wheelbase 3,098 mm / CoolJet C106 EA; L2 wheelbase 3,498 mm / CoolJet C103 EA; L2 wheelbase 3,498 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 3,098 mm / CoolJet C103 EA; L1 wheelbase 3,098 mm / CoolJet C106 EA; L2 wheelbase 3,498 mm / CoolJet C103 EA; L2 wheelbase 3,498 mm / CoolJet C106 EA

DIN slot supplied by Kerstner if not fitted at the factory

Optional · Suitable for: L1 wheelbase 3,098 mm / CoolJet C103 EA; L1 wheelbase 3,098 mm / CoolJet C106 EA; L2 wheelbase 3,498 mm / CoolJet C103 EA; L2 wheelbase 3,498 mm / 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 3,098 mm / CoolJet C103 EA; L2 wheelbase 3,498 mm / CoolJet C103 EA

Refrigeration unit cover painted in vehicle colour – metallic –

Optional · Suitable for: L1 wheelbase 3,098 mm / CoolJet C103 EA; L2 wheelbase 3,498 mm / CoolJet C103 EA

Stationary refrigeration 230 V

Optional · Suitable for: L1 wheelbase 3,098 mm / CoolJet C103 EA; L1 wheelbase 3,098 mm / CoolJet C106 EA; L2 wheelbase 3,498 mm / CoolJet C103 EA; L2 wheelbase 3,498 mm / CoolJet C106 EA

Including external socket and 8m connecting cable

CJ heating option 500 W for C103EA

Optional · Suitable for: L1 wheelbase 3,098 mm / CoolJet C103 EA; L2 wheelbase 3,498 mm / CoolJet C103 EA

Warranty extension to 3 years

Optional · Suitable for: L1 wheelbase 3,098 mm / CoolJet C103 EA; L1 wheelbase 3,098 mm / CoolJet C106 EA; L2 wheelbase 3,498 mm / CoolJet C103 EA; L2 wheelbase 3,498 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 3,098 mm / CoolJet C103 EA; L1 wheelbase 3,098 mm / CoolJet C106 EA; L2 wheelbase 3,498 mm / CoolJet C103 EA; L2 wheelbase 3,498 mm / CoolJet C106 EA

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

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

+49 6245 90770-0
info@kerstner.de
www.kerstner.de