



Isotherm & Refrigerated

# MERCEDES Sprinter Van

*7 m<sup>3</sup> to 11 m<sup>3</sup> integrated cell on Van*

ATP-compliant converted vehicle (certified by CEMAFROID) authorising the transport of perishable foodstuffs.



## Advantages :

- ❖ Aluminium high resistance non-slip floor as standard
- ❖ Reinforced class ATP insulation compatible with side door
- ❖ Palletizable between wheelcases (single rear wheel version)
- ❖ Preserved cabin safety and silence using the original bulkhead
- ❖ Aerodynamic embedding of cooling units



Unique expertise from 1 to 100m<sup>3</sup>

Sales network & service throughout Europe

- UTAC qualified operator, CEMAFROID accredited manufacturer
- Product certification in accordance with ATP and DIN standards
- ISO 9001 version 2008 factories
- Product specifications incorporating the HACCP hygiene approach and NF food standard
- Assembly and commissioning center authorized by CARRIER®, KERSTNER®, EDT®, DELPHI®, THERMOKING® partner





# Isotherm & Refrigerated Sprinter Van

## Basic vehicle

**SPRINTER VAN WITH MEDIUM ROOF:** 32S, 37S et 43S (short rear overhang)

With original complete cabin **bulkhead**

With or without **right hand side sliding door, with door rail offset (T09) if sliding door**

With single rear wheel, super-single or twin rear wheels (specify at order)

**Compatibility:** tow hook if set before conversion, Automatic gearbox, 4x2 or 4x4.

**If cooling unit** (indicatives data, consult us beforehand to check compatibility, delivery time and sizing of the unit.)

**ELECTRICAL COOLING UNIT BY KERSTNER (A - CLASS - POSITIVE TEMPERATURES):**

- With **reinforced alternator 180Ah (M49)** on 4 cylinders
- With **2 seater passenger bench**
- Compatible **with air conditioning**
- Compatible with **Blue Efficiency pack (Ecostart)** and **GNV** versions

**DIRECT DRIVE COOLING UNIT (A or C - CLASS - POSITIVE AND NEGATIVE TEMPERATURES):**

- With **power take-off N63**
- Without **Blue Efficiency pack (EcoStart)**
- Compatible **with air conditioning and automatic gearbox**
- **Warning:** 2/3/5-10 CDI versions: **consult us**, after-sales action necessary by Mercedes workshop before cooling unit fitting.

## Conversion options

- **Horizontal storage layer (s), removable**
- **Liftable and height adjustable side shelves**
- Partition wall forming 2 compartments
- Aluminium or stainless-steel « mixed » or « aero » lashing rails
- Aluminium protective scuff rails ; Fish trade sill
- Plastic strips curtain (again cold-loss) on rear and/or side doors (recommended for negative temperature use)
- Cooling unit pod & cover painting according to vehicle color
- **Other options available: please consult us.**

Dimensions (mm) / Versions	32S	37S	43S
<b>Wheelbase</b>	3250	3665	4325
<b>Overall length</b> (without rear step)	5245	5910	6940
<b>Usable length</b>	2380	3090	4130
<b>Max. usable width</b>	1635	1635	1635
<b>Width between wheelcases</b> (single rear wheels / twin rear wheels)	1235 / -	1235 / 860	1235 / 860
<b>Max. usable height</b> (without evaporator/ under evap: Kerstner / Carrier - TK)	1745 / 1645 / 1500		
<b>Overall height</b> (IR / KERSTNER / CARRIER-TK unit under cover)	2720 / 2830 / 2750 (+acc. model)		
<b>Side door entrance width</b>	940	1200	1200
<b>Side door entrance height</b>	1650	1650	1650
<b>Rear door entrance width</b>	1460	1460	1460
<b>Rear door entrance height</b>	1645	1645	1645
<b>Estimated loading volume (m³)</b>	6.8	8.8	11.2
<b>Weight of the insulation</b> without cooling unit(kg)	230	270	370

## Description of the insulation

- **Reinforced-class insulation** according to ATP as standard.
- Design according HACCP hygiene directives.
- Original cabin roomspace preserved
- White insulation panels, **100% polyurethane**, offering perfect hygiene conditions and easy-maintenance.
- Isotherm rear and side doors with double sealing for maximal tightness (as DIN 1815)
- High-tightness aluminium floor with 1 waterdrain in front.
- Palletizable between wheelcases (1.21 m) if single rear wheel
- LED ceiling light

## Positive or negative temperature cooling unit

**CARRIER®, THERMOKING®, EDT®**

- Use adapted power ; positive or negative temperature (negative with increased power unit, specially if standby use)
- **Aerodynamically recessed** mounting above cabin with soundproofing.

**KERSTNER®**

- Power adapted for positive temperature (electrical technology)
- **Half-recessed** mounting under aerodynamic cover, soundproofed
- **Integrated evaporator** (enhancing usable height)

**Options:**

**Standby**, cooling unit cover painting, heating, temperature recorder...



Cooling unit integration: CARRIER / THERMOKING



Cooling unit integration: KERSTNER



Horizontal storage layer (s), removable



Liftable and height adjustable side shelves

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-20 °C -18 °C -14 °C -12 °C -10 °C -8 °C -6 °C -4 °C -2 °C



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