

**COOLJET**  
103 e-A

Classe A : 2 → 5m<sup>3</sup>

REFRIGERATION UNIT  
Cool Jet 103 e-A



Partner of major commercial vehicle brands

with 30 years of experience

100 exclusive patents

[www.kerstner.com](http://www.kerstner.com)

**Kerstner** 

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An exclusive class A (positive cold) electrical solution specially designed for large vans up to 5 m<sup>3</sup>.

## USAGE

### Positive cold Refrigeration Unit:

Designed for vans up to 5m<sup>3</sup>, the unit is made for roofs, with extra-flat aerodynamic streamlining. Its design is a perfect fit for the vehicle.

Available in:

- **Road Version:** Powered by the vehicle's engine while it's running.
- **Road and Grid version:** Additionally powered by a connection to an ordinary power outlet. Single-phase 230 V operation

## PERFORMANCE

The electrical refrigeration operates independently of the engine, ensuring:

- Engine power is fully available for driving.
- Lower fuel consumption, unlike conventional units that require power take-off.
- Its exceptional power and ventilation (750 m<sup>3</sup>/hr) ensure powerful refrigeration (from 0°C) to keep cargo cold.

## SAFETY & COMFORT

- The original **air conditioning** system can fit into the basic vehicle, because the engine's compressor isn't needed to cool the loading space.
- Temperature lowering from grid power (version CJ 103 EA RS)
- Electronic protection circuit
- Digital control pad
- RS version comes with a 5m power cable.

## MAINTENANCE

- A visit once a year, every 15,000 km, or every 1500 hours of refrigeration, whichever comes first.
- The evaporator and condenser will run for about 30,000 hours. This makes the refrigeration unit **one of the longest-lasting and most competitive on the market.**
- Easy maintenance: The Quick-Out-System allows easy removal of the unit.

## TECHNICAL SPECIFICATIONS OF THE OPTIONS

Grid power, unit painted, heating, temperature recorder

REFRIGERATION UNIT	Road only	Road and grid
Unit weight	58	69
Size on roof	120	120
Size under roof	90	90
ATP approval possible	FRAX	FRAX
Power at 0°C while driving	1 006 W	1 006 W
Power at 0°C from 220V	-	1 006 W
Ventilation (m <sup>3</sup> /h)	750 m <sup>3</sup> /h	750 m <sup>3</sup> /h
Refrigerant	R134a	R134a
Current (m)	70 A	70 A / 8 A
Voltage	12 V	12 V / 230 V
Minimum power of vehicle alternator	110 A	110 A



KERSTNER Unit



Unit control



Evaporator



\* Hazard Analysis Critical Control Point

UV cold advice

**N° Vert 0800 308 530**

TOLL-FREE CALL FROM LANDLINE

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