

CEO 101

C307 Specifications

Physical Characteristics

Components	Length (mm)	Width (mm)	Height (mm)	Weight (kg)
Condenser	400	125	400	5kg
Evaporator	205	205	220	5kg
Compressor	400	205	155	6kg

Operating Parameters

Refrigeration

Cooling BTUs	7,000 (est)
Refrigerant type	H134A Enviro Friendly
Capacity	500g
Oil Type	ERG 1,000
Oil Capacity	25ml

Heating

Heating BTUs	7,000 (est)
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Mechanical Specifications

Compressor

Capacity	9.8cc
Cylinders	2
Revs	2,000rpm
Weight	4.5kg

Current Draw

12V	13-16A*
24V	8-11A*

*Under test conditions

ADVANCED COMPRESSOR TECHNOLOGY

Diverse applications

The patented compressor technology can be used for climate control in almost any small space due to its super efficiency.

- Refrigeration/air conditioning applications.
- Reverse cycle capabilities.



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CLIMATE CONTROL FOR SMALL SPACES

The C307 requires no idling and no separate fuel source to operate, and is the only known technology that effectively overcomes the limitations to long-haul road transport brought about by new anti idling legislation.



condenser



evaporator



compressor pack

C307 UNIT

UNIQUE ASPECTS OF THE C307

Lightweight

According to our research, at around 16kg the C307 is by far the most light weight and compact unit available on the market. Other comparable units are at least five times heavier.

Low voltage cut off

Should the truck's battery be low on charge before stopping, the C307 incorporates a low voltage cut-off to ensure it will never flatten the battery.

Cost effective and value for money

Due to the innovative technology incorporated into this unit, pricing is very competitive on a dollar-for-dollar basis, but from a value for money perspective it far exceeds similar products.

As there are also no ongoing diesel costs to run the C307, truck operators will achieve a faster return on their investment.

Solar potential

We recently investigated the potential for this unit in solar applications, and believe it would make the transfer smoothly.

C307 FEATURES

- Works when engine is switched off
- Cuts fuel costs
- Environmentally friendly
- Simple installation
- Low noise levels when operating
- No ongoing maintenance
- Works with windows closed
- 12/24V battery driven
- Low voltage cut off
- Weighs around 16kg
- Reverse cycle heating and cooling (under development)