

The logo for eco drive, featuring the word 'eco' in a bold, lowercase sans-serif font, followed by 'drive' in a similar font. A horizontal line is positioned above the 'e' in 'eco' and below the 'e' in 'drive'.

Reducing the cost of
refrigerated transport
and **lowering your
carbon footprint**

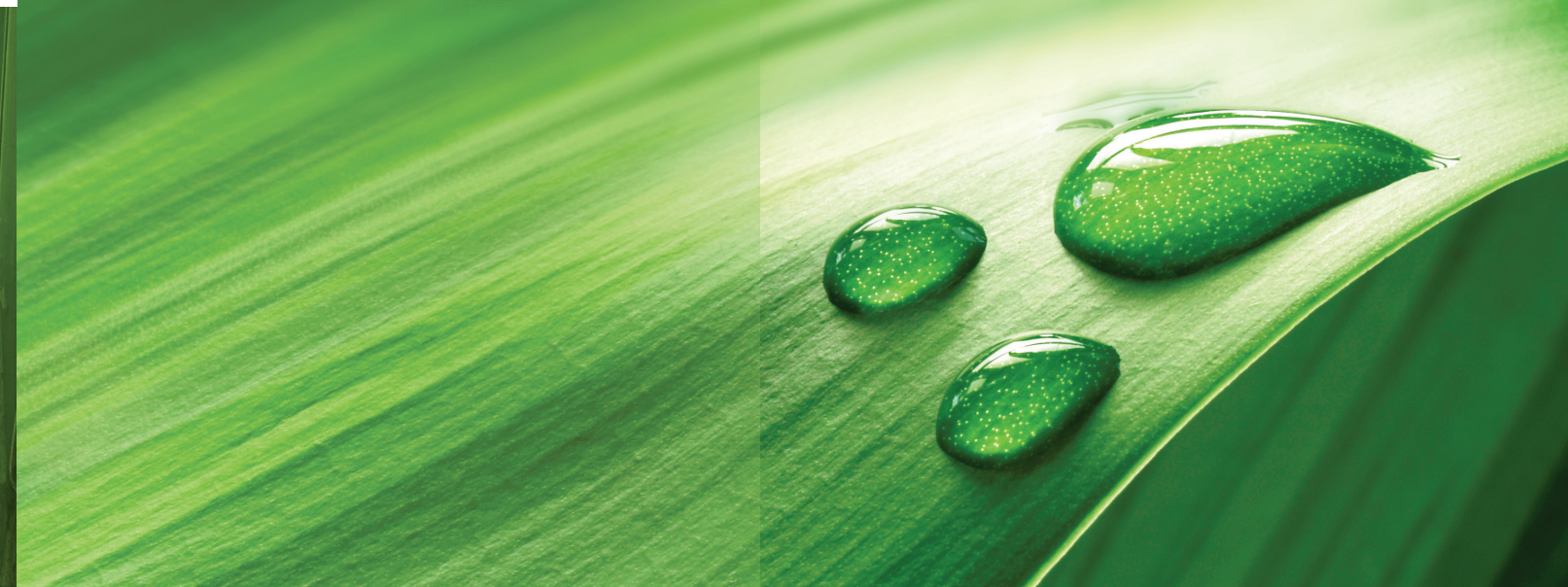
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Notes to remember

- Eco-Drive units are driven by the truck engine which could be more than twice as efficient as a fridge engine.
- Eco-Drive units provide free energy when travelling downhill, coasting and braking.
- Eco-Drive units only provide energy when the fridge requires it.
- Eco-Drive units provide high efficiency, low cost primary power.
- Eco-Drive units can be rented, obtaining all the above benefits with no capital expenditure.

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Capture waste energy with Eco-Drive systems

Using the Eco-Drive units provides refrigerated transport operators with a simple, reliable way of significantly reducing CO₂ emissions when on the road, at the same time reducing the overall running costs of their fleet.

What is Eco-Drive?

- Eco-Drive units are truck driven systems that constantly power the refrigeration unit when the truck engine is running.
- Eco-Drive units can be fitted to tractor or rigid vehicles.
- Eco-Drive units capture waste energy and converts it into electricity whenever the truck is decelerating or coasting down hill.
- Eco-Drive units require only a small percentage of the truck's power to drive the fridge, which can result in the elimination of diesel used by the refrigeration system.
- Eco-Drive units provide a constant power supply that complies with all fridge specifications.
- Eco-Drive units do not adversely affect the fridge manufactures' warranties.



Key user benefits

- ✓ **Drastically lowers your carbon footprint**
- ✓ Reduces diesel consumption
- ✓ **No capital expenditure**
- ✓ Reduces noise pollution
- ✓ **Easy to use**

How does Eco-Drive work?

- Eco-Drive units deliver a constant 3 Phase 415 volt 50 Hz at all engine speeds.
- Eco-Drive units will power all makes of trailer and rigid refrigeration provided they have electric standby.
- Eco-Drive units operate automatically when cooling or heating is required.
- Eco-Drive units are driven by the truck engine.

What does it cost?

- Eco-Drive units are supplied on rental and have no capital cost.
- Eco-Drive rentals are offset by fuel savings, leaving cash savings in the hands of the operator.
- Eco-Drive units do not incur service and maintenance costs as these are included in the rental.
- Eco-Drive units can save money by reducing the fridge engine service requirements.

The environmental benefits

- Eco-Drive units utilise the highly efficient truck engine to power refrigeration units, removing the need to run the less efficient fridge engine when on the move.
- Eco-Drive units provide further savings by converting the truck's waste energy into electricity when travelling down hill, coasting and braking.
- Eco-Drive units can reduce the carbon footprint by over 9 tonnes per annum.
- Eco-Drive units reduce noise pollution.

How easy is it to install?

- Eco-Drive units can be fitted in just a few hours.
- Eco-Drive units can be installed at your premises.
- Eco-Drive units can be moved from one vehicle to another when the fleet is changed.
- Eco-Drive units are suitable for new or used vehicles.

Savings Study

A tractor operated by an international dairy company was fitted with an Eco-Drive K25 power unit for 12 weeks. For half the period the unit powered the fridge and for the remainder it was powered conventionally. The Eco-Drive unit increased overall road fuel use by 51.7 litres (less than 1%) but saved 395.1 litres of red diesel. This equated to a net saving of nearly 3,500 litres of red diesel and 9.2 tonnes of CO₂ emissions per tractor per annum.

