

# Eurofrigo's one-piece electric fridges aimed at local and urban deliveries

EUROFRIGO has launched all-electric refrigeration units for panel vans and box vans, said to be ideal for local and urban multi-drop delivery applications.

Emission levels are low compared to conventional direct-drive refrigeration units and fewer components make them more reliable, says the company.

The efficient single-piece units draw their power from the vehicle alternator via an inverter and dispense with the belt driven compressors, brackets and pipes which cause 70% of the problems that arise with conventional refrigeration systems.

Fewer components mean less maintenance too, with the electric units requiring one service per year as opposed to two for standard direct-drive systems. The elimination of the

engine driven compressor also means savings in fuel usage – with early trials indicating a minimum 8% saving or a gain of around two extra miles per gallon.

Mike Lord, owner of a Midlands based bakery retail chain said: "Eurofrigo's electric fridges are just what we were waiting for. They are low emission and low noise and because they run independently of the vehicle engine we get more mileage per gallon. We run fifteen vans so this could prove a big saving for us. The slim-line design of the fridge evaporator means that it sits almost flush with the ceiling which optimises our load space."

As local and urban delivery operations tend to involve lots of individual drops, the fact that the

electric fridges work at full capacity at all times is advantageous because it means greater temperature-stability.

Most conventional fridges work at very low capacity when the engine is simply ticking over and this can lead to inconsistent temperature-control and product impairment. As Eurofrigo's all electric systems are also particularly "low-noise" and "low emission" they are more environmentally-friendly – with CO2 emissions no greater than non-refrigerated vans.

As the B2500XT and B2500 Skyline units have been specifically designed to be non-intrusive, so the vehicle load space is maximised – a major advantage for multiple drop delivery applications using vans where load capacity is comparatively limited.