



Premium Reefer Insulation Conversion Kits

Mercedes, Ford, Ram

John Boschetti – 917-584-9357

John.Boschetti@us.ah.t.at

USA Sales Director – Daikin Transport Refrigeration



Solution Design and Concept

The European market has sophisticated vehicle insulation requirements. There is an agreement in the EU about the transport of Perishable goods (A.T.P). To ensure that refrigerated vehicles are properly equipped to maintain the necessary temperature range for food items like meat, dairy, fruits and vegetables they must maintain an A.T.P. certificate that mandates specific **construction requirements for insulated bodies** including temperature control parameters.

We have translated these construction requirements to **US vehicles to guarantee insulation effectiveness**. Then we pair them with specific capacity Zanotti transport refrigeration units to ensure satisfactory temperature control. Zanotti has over 12 different sized machines to pair with the insulation and create the perfect solution for the customers application.

Parts Service + Network

We sell parts on a non-exclusive basis. This increases availability and keeps the prices fair in all regions.

There are over 35 existing parts and service dealers in the USA, and there are opportunities for companies to maintain the reefers on their own as their own dealer.

The systems meet all industry standards and there have been over 2000 sold in North America since 2012.



Polyurethane Injected moulds per vehicle. Industry leading 6.5 R value per inch.

The injection moulds of the internal space give these kits their premium performance. With industry leading 6.5R value they are designed for fresh or frozen temperatures with the inset freezer door installed behind the slider door. The insulation panels come complete with high impact polyester surface and a textured non-slip floor.

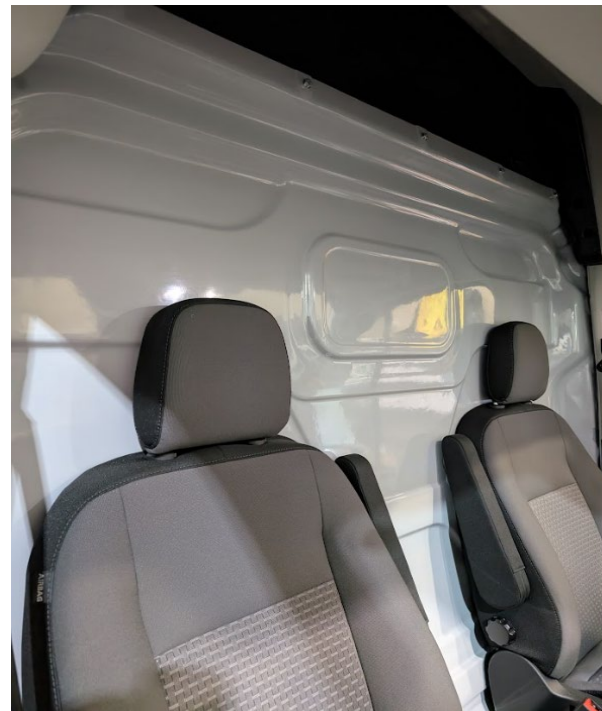
Inset freezer door



Standard interior – polyester



New front wall for the cabin



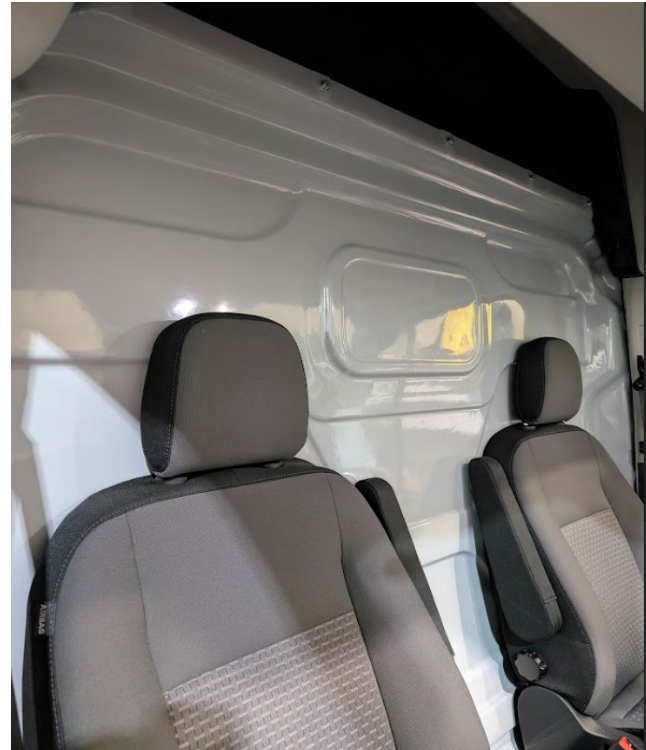
Door Pods with compression seal + new front cabin wall

Door pods are injected polyurethane filling all voids and curves in the door cavity. There is an added **inner seal** behind the factory door seal to keep the internal temp colder.

Fully Injected door pods for maximum insulation



New front wall for the cabin



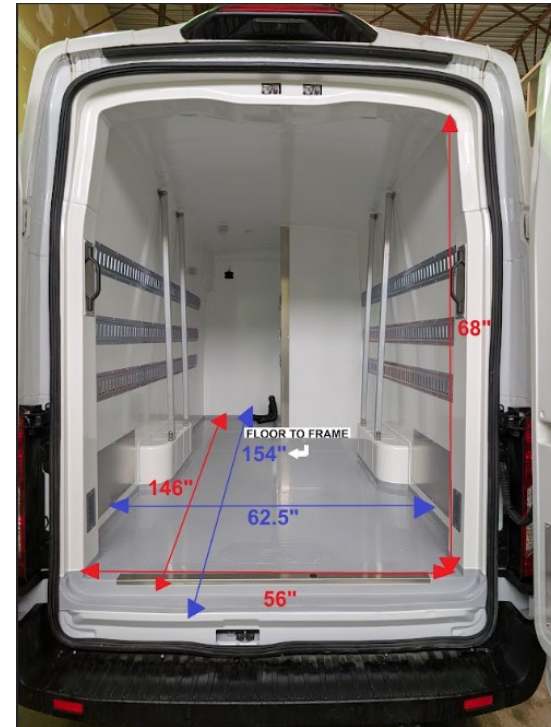
E-Trac and Diamond plate

The kits are ready made for E-trac and diamond plate flooring to be installed by the dealer from their local markets or ordered attached to the floor from the factory. 2.5mm thick brass or check pattern diamond plate can be factory installed.



Custom Designs for Fleets

Two separate zones at different temperatures can be created and maintained with permanent or movable internal walls. Custom sized inner freezers or AC zones can be designed to spec. Multiple E-Trac and rails for tote loading



Options

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Inset freezer door



New front wall for the cabin



Thank you

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