



MaxiTRANS Australia Pty Ltd

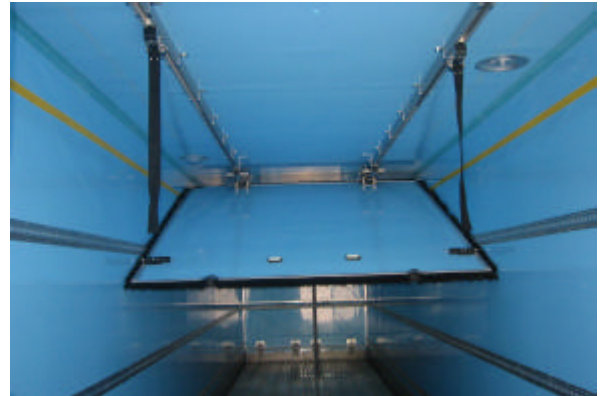
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Maxi-CUBE temperature control innovation

For more than 30 years Maxi-CUBE has been a market leader in temperature controlled van manufacture and has remained at the forefront of design innovations to maximise payload and deliver greater dependability and efficiency of thermal performance.

Key to the superior thermal efficiency of Maxi-CUBE temperature controlled vans is the unique output of MaxiTRANS' in-house urethane foam manufacturing facility. The Maxi-CUBE foam is produced to the required thickness on a continuous production line under strictly controlled conditions. It has the best thermal insulation properties of any foam used in van manufacture in Australia.

Greater emphasis on cold chain integrity has called for creative solutions to deliver flexible temperature zoning for carriage of mixed refrigerated goods. A recent MaxiTRANS design is a split zone van that allows full pallet width loads to be carried at two differing temperatures either side of a retractable partition down the centre of the van.



Now a new Maxi-CUBE innovation provides operators with a multi-temperature zoning system that can accurately maintain the temperature of up to three zoned compartments – with the capability to carry deep frozen, chilled and dry freight goods together, at appropriate temperatures, in a single load.



The system uses a secondary evaporator mounted at a selected location inside the van roof, powered from the host fridge plant. Insulated bulkheads that lower from the van roof segment the load space into its temperature zones. The edge-sealed bulkheads are gas lifted to provide greater operator safety when stowing flat against the roof interior and are mounted on a track to easily relocate anywhere along the length of the van to create variable zone spaces.

Loads carried in the zoned temperature compartments can be accessed individually from optional side doors and the temperature settings for each zone can be easily varied by the driver from a single control panel.

General Manager, Maxi-CUBE Products, Kevin Manfield, says the new multi-temperature system allows operators to stay ahead of growing industry demands for tighter control of product temperatures in cold chain distribution.

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24 June 2005

