



ArcticLite® Refrigerated Vans



ARCTICLITE

At Wabash National®, we believe the purpose of innovation is to drive performance. For the past 20 years, we've worked with North America's leading refrigerated carriers to engineer the ArcticLite® refrigerated van to meet the rigorous demands of refrigerated operations. Now available in Australia, this thermally efficient, lightweight and extremely durable refrigerated trailer is designed to reduce operating costs and keep you on the road.

Superior Thermal Efficiency.

Lower Operating Costs.

Every aspect of our design helps maximise thermal efficiency and lower your operating costs. From thermal breaks that prevent heat transfer, to our computer-controlled foaming process that ensures void-free sidewall insulation, the ArcticLite refrigerated van maintains your specified operating temperature with fewer reefer unit hours.

Less Damage. More Uptime.

This refrigerated van is designed to withstand your most abusive freight hauls. We've put more protection in the

areas that need it most. In the interior, our standard high-performance liners provide exceptional resistance to puncture and abrasion. The grocer-style duct floor system, with a 7-tonnes dynamic load rating, supports heavier payloads and high-cycle loading and unloading.

Less Weight. More Freight.

The ArcticLite refrigerated van delivers lightweight performance without sacrificing strength and durability. Built with high-strength, lightweight materials and components, this trailer is up to two tonnes lighter than comparable Australian refrigerated trailers.

Longer Useful Life. High Resale Value.

No matter what your trade cycle, the ArcticLite refrigerated van delivers value year after year. Every aspect of this trailer is designed to extend its useful life. From the high-strength floor system and sidewalls to damage-resistant doors and LED light package, our trailers are built to last.





Arctic Lite® Refrigerated Vans

BASE SPECIFICATIONS

General

- Overall height: 4300mm; Overall width: 2495mm
- Insulation: 38mm sidewall, 100mm floor, 100mm roof; options available
- Interior length: 13175mm; Interior width (+/- 5mm): 2401mm; Interior height: 2686mm
- Body length: 13598mm
- Door opening height: 2753mm; Clear opening height: 2683mm; Door opening width: 2380mm
- ATM 47.0t; tare from 7.05t (excludes refrigeration unit)
- Manufactured in an ISO 9001:2008 registered facility

Nose/Coupler

- Kingpin position: 1250mm; Skid plate height: 1270mm
- Coupler installed with zinc anodes for corrosion protection of kingpin
- One-piece extruded aluminium header
- 3mm extruded aluminium, 125mm radius front corner post
- Trailer refrigeration unit frame with three vertical aluminium lower Z-posts, two vertical outboard steel posts and an aluminium upper/lower header
- Carrier Transicold® or Thermo King® refrigeration unit, fuel tank included with multiple sizes available

Sidewalls

- Pre-painted aluminium exterior side sheets
- Heavy-duty 25mm aluminium Z-posts on 600mm centres, 300mm centres in rear and over landing gear
- Seamless thermoplastic interior liner
- Polar X® 300mm integral-to-interior scuff liner, no exposed fasteners

Floor System

- 7-tonne floor rating, forklift reinforcement, aluminium "I-inserts" in centre 1800mm of floor at rear
- Grocer-style flat floor or air flow duct flooring; knurled options available
- 100mm steel crossmembers on 300mm centres in bay, 200mm centres in rear 1500mm
- High-density polyurethane (HDPE) composite floor stringers installed with eight 8mm screws per crossmember with extra-wide HDPE stringers in the rear 1500mm
- High-performance, single piece Polar X thermoplastic subpan

Roof System

- Proprietary, 62mm SolarGuard® roof system
- 3.2mm aluminium doubler plate at front 150mm for added protection against impact
- Polar X ceiling liner

Rear Frame

- Brushed-finish stainless steel frame
- 8mm stainless steel base plate in rear sill with 12mm post protection
- Rear impact guard with outboard vertical bumper legs
- Eyebrow and vertical light protection
- 90mm rear header with integral gutter
- 75mm insulated swing doors, 4 aluminium hinges per door, 2 stainless steel lock rods per door; additional door options available
- 4-flange door seal with 3-chamber airlock

Suspension/Chassis

- Hendrickson INTRAAX® AAT25K tri-axle fixed air suspension with height control valve
- Hendrickson drum brake axles, parallel "P" spindle wheel ends
- JOST® 2-speed galvanised landing legs with compensating feet
- Galvanised steel, one-piece landing gear support and galvanised K-brace
- WABCO® 24V EBS brake kit to Australian Design Rule (ADR) 38/04 with yard release
- Accuride® alloy rims, 10-stud 285mm PCD, 8.25 x 22.5 wheels, polish finish
- 11R 22.5" radial tyres

Lights/Electrical

- Truck-Lite® and Lucidity® multi-volt (9-33v) LED lamps
- LED roof-mounted internal lighting
- Heavy-duty, dual 7-pin connector

Options

- Alloy floor crossmembers in select areas
- Disc brakes
- Full suppression mudguards
- Galvanised or stainless steel rear impact guard
- Grocer, line haul and multi-temperature configurations
- Heavy-duty floor systems available up to 8 tonnes for increased fork truck loads
- Multiple aerodynamic options, including Wabash National DuraPlate AeroSkirt®1 aerodynamic skirt system
- Road train kit; extended sub frame for full chassis options
- Side underrun protection
- Tire-pressure monitoring systems and tire-inflation systems
- Toolboxes
- Water tank

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Base specifications are accurate at the time of publication, and are subject to change without notice. Custom options shown are available; please consult your Wabash National representative for additional information. ©2015 Wabash National L.P. All rights reserved. DuraPlate AeroSkirt®, Arctic Lite®, SolarGuard®, Wabash® and Wabash National® are marks owned by Wabash National, LP.

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¹U.S. Patent Nos. 8,177,286; 8,398,150; 8,579,359

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