



NEPTUNE

All-Electric Refrigeration Unit

Zero Emission, Maximum Efficiency, Minimize
Costs and Embrace a Greener Footprint



VOLTA AIR

Join the Electric Revolution

Introducing Neptune, the all-electric, no-idle reefer units designed and built in North America by Volta Air Technology Inc. to transform your refrigerated transport operations.



Fits Your Fleet

Compatible with both electric (EV), gas or diesel (ICE) trailers.



Cut Costs

Reduce maintenance, downtime and fuel consumption. Leverage potential government rebates.



Boost Performance

Reliable and advanced cooling for superior cargo protection.



Go Green

Eliminate emissions and pollution. Comply with CARB regulations.



NEPTUNE

The Smart, Simple and Sustainable Choice

Upgrade your fleet with a 48V electric reefer unit that offers more benefits at a lower cost. Available for conventional and electric vehicles. Here are the key benefits of Neptune:

- **No-Idle Cooling**
Maintains the temperatures during deliveries when the vehicle's engine is off.
- **Dual-Zone Flexibility (Coming Soon)**
Handle diverse cargo with precision temperature control.
- **Integrated Stand-by**
Plug it in at your home base for round the clock operation.
- **Smart Control Panel**
Monitor temperature and settings from the driver's seat.
- **Low Maintenance Design**
Reduced number of moving parts for long-lasting performance.
- **Sustainable Operation**
Reduce emissions and contribute to a greener future.
- **Quiet Operation**
Minimal noise for a peaceful driving environment.
- **Lowest Total Cost of Ownership**
Save on fuel, maintenance, and installation compared to other dual-zone units.



Experience hassle free,
reliable cooling with Neptune.
Get a quote today !

Neptune Specification

Model		Neptune
Voltage		48V
Refrigerant		R452a
Refrigerant Charge		6.6 kg (14.5 lbs.)
Cooling Capacity	+5°C (41°F)	12,400 W (42,310 BTU/H)
	-5°C (23°F)	7,400 W (25,250 BTU/H)
	-20°C (5°F)	5,050 W (17,231 BTU/H)
Heating Option		Hot Gas Heating
Heating Capacity		5,500 W (18,766 BTU/H)
Defrost		Hot Gas
Compressor Type		2 x 48V DC Brushless Scroll
Evaporator Fan Maximum Airflow		≥ 5600 M³/H (3300 CFM)
Peak Power Consumption		9,500W
Average Power Consumption (0°C)		3,600W
Condenser Dimensions		2235 x 1910 x 576 mm (88.0 x 75.2 x 22.7 in)
Evaporator Dimension		1096 x 1684 x 206 mm (43.1 x 66.3 x 8.1 in)
System Weight		~ 900kg (1,980 lbs)
Control Panel		Digital (Celsius – Fahrenheit)
Battery Pack	Pack Capacity	40,960 Wh
	Battery Weight	365 kg (803 lbs.)
	Charger	10kW (220VAC / J1772 Level 2)
	Estimated Runtime	Up to 12 Hours (+4 Hours with Solar)

See how our Neptune makes a difference?

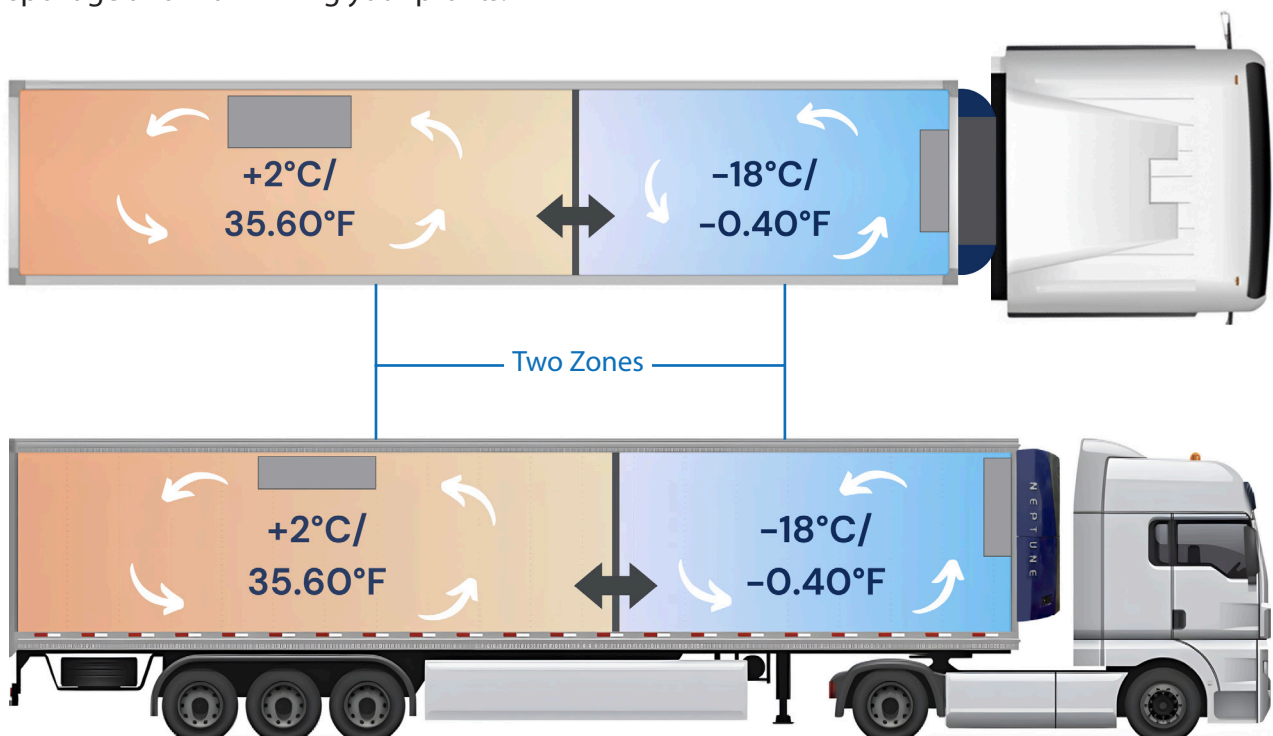
Single-zone

The Neptune offers reliable temperature control for your transportation needs. Designed for efficiency and performance, our single-zone unit ensures optimal conditions for your cargo while minimizing environmental impact.



Dual-zone (Coming Soon)

Dual-zone design ensures optimal temperature control for your diverse cargo. With independent cooling systems in each compartment, you can maintain precise temperatures, preventing goods spoilage and maximizing your profits.



TriTracker & Smart Control System

Take control of your reefer performance

Stay informed and in control with the TriTracker, a comprehensive monitoring system designed specifically for the Volta Air Titan and Titan Multi-Temp refrigeration units. Gain real-time visibility and optimize your refrigerated transport operations!

■ Real-Time Visibility, Anywhere, Anytime

The TriTracker system seamlessly integrates with the smart controller, providing real-time data access to your cloud-based platform.

■ Enhanced Efficiency & Reduced Risk

Guarantee on-time deliveries with consistent temperatures, and receive maintenance alerts to maximize uptime and optimize fleet performance.



Volta Air, More Than Just Reefer Units: A Partnership for Success

We are committed to your operational excellence through superior products and support.

At Volta Air, we leverage over 10 years of experience, along with advanced R&D, and a dedicated sales network to deliver innovative electric refrigeration solutions that power your fleet's success.

- **Industry-Leading Technology:** The Neptune are designed for performance and longevity.
- **Expert Support:** Our team is dedicated to helping you maximize your investment.
- **Commitment to Sustainability:** We're passionate about a greener future for transportation.
- **Customer Satisfaction:** Our clients are our top priority, and their success is our success.

Experience the Volta Air difference. Partner with us today !





Ready to Electrify Your Fleet ?

Contact Volta Air today to learn more about Neptune. Let us help you optimize your refrigerated transport operations and join the electric revolution !



Sustainable refrigeration solutions by Volta Air Designed and Engineered in Canada. Volta Air is a designer and manufacturer of sustainable, all electric, refrigeration solutions. We have patent pending proprietary technology that enables all electric Direct Current (DC) powered units.

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