



TITAN TITAN MULTI-TEMP

All-Electric Reefer Unit for Trucks

No-Idle Solutions for Lower Costs, Higher
Performance, and a Greener Footprint



VOLTA AIR

Join the Electric Revolution

Experience a greener, more profitable future with the Titan unit. The Titan Single-Temp all-electric reefer unit is your key to reduced operating expenses, maintaining cold chain integrity and compliance with environmental regulations. No more idling, no more worries.



Fits Your Fleet

Compatible with both electric (EV), gas or diesel straight trucks.



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.



TiTan Single-Temp

Efficiency, Sustainability, Reliability

Transform your fleet with our advanced 24V electric reefer unit. Delivering more benefits and lower operational costs. Here are the key benefits of Titan Singel-Temp:

- **Independent Operation**
No reliance on the vehicle's engine, saving fuel and maintenance costs.
- **No-Idle Cooling**
Maintains the temperatures during deliveries when the vehicle's engine is off.
- **Integrated Standby System (Optional)**
Optional 110V/240V plug-in for home base charging.
- **Quiet Operation**
Minimal noise for a peaceful driving environment.
- **Optimized Payload**
Lightweight design maximizes cargo space.
- **Smart Control Panel**
Monitor temperature and settings from the driver's seat.
- **Low Maintenance Design**
Reduced number of moving parts for long-lasting performance.
- **Quick and Easy Installation**
Two person can install Titan around 1-2 days.
- **CARB Compliant**
Meets California's strict emissions standards. Potential for available rebates.

Ready to slash
your fuel costs and
boost your bottom line?



TiTan Single-Temp Specification

Model		Titan Single-Temp
Voltage		24V
Refrigerant		R134a
Refrigerant Charge		2.5 kg (5.5 lbs.)
Cooling Capacity	+5°C (41°F)	6,900 W (23,500 BTU/H)
	0°C (32°F)	5,100 W (17,400 BTU/H)
	-15°C (5°F)	2,900 W (9,900 BTU/H)
Heating Option		Hot Gas Heating
Heating Capacity		3,800 W (13,000 BTU/H)
Defrost		Hot Gas
Compressor Type		2 x 24V DC Brushless Electrical
Evaporator Fan Speed		≥ 1530 M³/H (900 CFM)
Average Working Current		24V 95A
Max Current		24V 220A
Condenser Dimensions		1470 x 500 x 530 mm (57.9 x 19.7 x 20.9 in)
Condenser Weight		94 kg (208 lbs.)
Evaporator Dimension		Monoblock 1054 x 702 x 270 mm (41.5 x 27.7 x 10.7 in)
Evaporator Weight		Monoblock 25 kg (64 lbs.)
Control Panel		Digital (Celsius – Fahrenheit)

Add Optional Battery Power			
Battery Pack	Number of Batteries	4 x 2560 W	8 x 2560 W
	Battery Pack Weight	20 kg (44 lbs.) / each	
	Charger	2 x 50A (Delta-Q IC1200 24V)	
	Pack Capacity	10,240 Wh	20,480 Wh
	Estimated Runtime	Up to 6 hours	Up to 12 hours

See how our Titan Single-Temp unit makes a difference?

The Titan 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.



One Zone Control Advantage

- **Precise Temperature Control For Cold Chain Integrity**
Maintain product quality with precise temperature management.
- **Efficient Operation**
Reduce fuel consumption and operating costs.
- **Consistent Cooling**
Enables simultaneous transportation of different temperature-sensitive fresh products.
- **Payload Optimization**
Maximize cargo space with compact design.



TITAN MULTI-TEMP

All-Electric Reefer Unit for Trucks

Zero Emission Solutions for Lower Costs, Higher Performance, and a Greener Footprint



VOLTA AIR

TiTan Multi-Temp

The Smart, Simple & Sustainable Choice

Upgrade your fleet with the Titan Multi-Temp, a 24V electric reefer unit designed for optimal performance and efficiency. Available for both conventional and electric vehicles. Here are the key benefits of Titan Multi-Temp:

- **Dual-Zone Control**
Independently control temperatures for diverse cargo, from fresh produce to frozen goods.
- **No-Idle Cooling**
Maintains the temperatures during deliveries when the vehicle's engine is off.
- **Integrated Standby System (Optional)**
Optional 110V/240V plug-in for home base charging.
- **Quiet Operation**
Minimal noise for a peaceful driving environment.
- **Optimized Payload**
Lightweight design maximizes cargo space.
- **Smart Control Panel**
Monitor temperature and settings from the driver's seat.
- **Low Maintenance Design**
Reduced number of moving parts for long-lasting performance.
- **Quick and Easy Installation**
Two person can install Titan Multi Temp around 1-2 days.
- **CARB Compliant**
Meets California's strict emissions standards. Potential for available rebates.



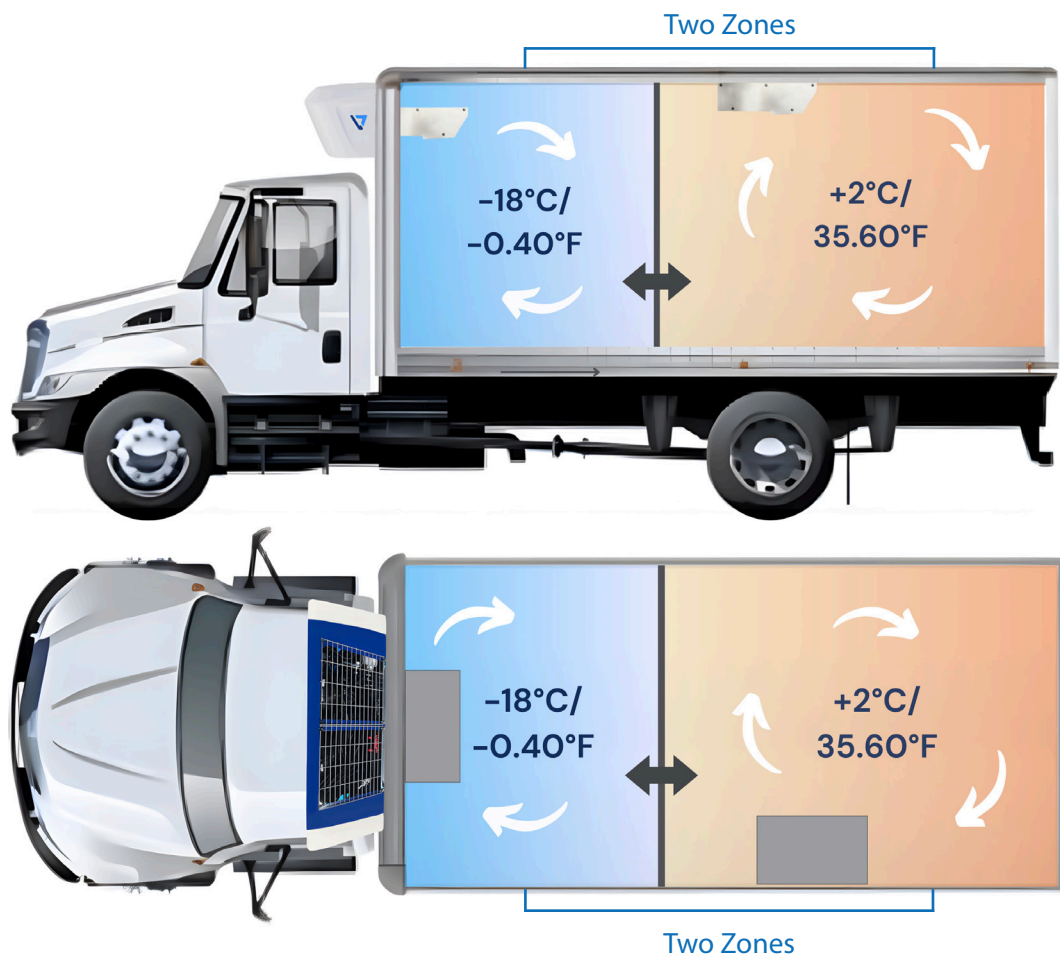
Ready to slash
your fuel costs and
boost your bottom line?

TiTan Multi-Temp Specification

Model		Titan Multi-Temp	
Voltage		24V	
Refrigerant		R452a	
Refrigerant Charge		6.5 kg (14.3 lbs.)	
Cooling Capacity	+2°C (36°F)	7,900 W (42,310 BTU/H)	
	-18°C (0°F)	4,300 W (25,250 BTU/H)	
	-29°C (-20°F)	3,210 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 24V DC Brushless Electrical	
Peak Power Consumption		8,000W	
Average Power Consumption (0°C)		2,800W	
Host Unit			
Condenser Dimensions		1470 x 500 x 530 mm (57.9 x 19.7 x 20.9 in)	
Condenser Weight		103 kg (228 lbs.)	
Evaporator Dimension		Monoblock 1054 x 702 x 270 mm (41.5 x 27.7 x 10.7 in)	
Evaporator Weight		Monoblock 31 kg (69 lbs.)	
Control Panel		Digital (Celsius – Fahrenheit)	
Remote Evaporators			
Fans	2 Fans		3 Fans
Dimensions	955*534*160mm (37.6*21*6.3in)		1198*570*160mm (47.2*22.4*6.3in)
Weight	17kg (37.4lbs)		28kg (61.6lbs)
Air Flow	1785 m³/h (1051 cfm)		2410 m³/h (1420 cfm)

See how our Titan Multi-Temp unit makes a difference?

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.



Two Zone Control Advantage

- **Precise Temperature Control For Cold Chain Integrity**
Maintain ideal conditions for fresh and frozen products.
- **Flexible Configuration**
Customize load configurations with flexible partitions.
- **Efficient Cooling**
Enables simultaneous transportation of different temperature-sensitive products.

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.



In-Cab Smart Controller

Take control at your fingertips with the intuitive 5-inch Volta Air control panel, allowing you to monitor, adjust, and receive alerts – all in one place.

System Fault Indicator

Alerts you when a system error occurs.

Two Zone Temperature Display

Blue for normal, orange for defrost.

Modes

Switch between cooling, heating, and auto.

Setpoint

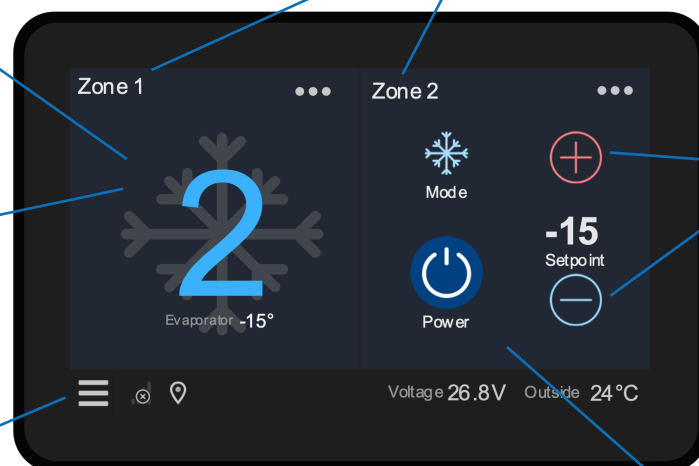
Buttons adjust box temperature.

Settings Menu

Adjust brightness, temp unit, and view serial number.

Door Alarm

Alerts when the refrigerated compartment door is open.



Volta Air, More Than Just Reefer Units

A Partnership for Success

We're 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 Titan series 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 Titan Multi-Temp. 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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