



# TITAN SINGLE-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?



## 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 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 M <sup>3</sup> /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

# 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 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.

### Temperature Display

Blue for normal, orange for defrost.

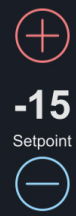
### Modes

Switch between cooling, heating, and auto.



### Setpoint

Buttons adjust box temperature.



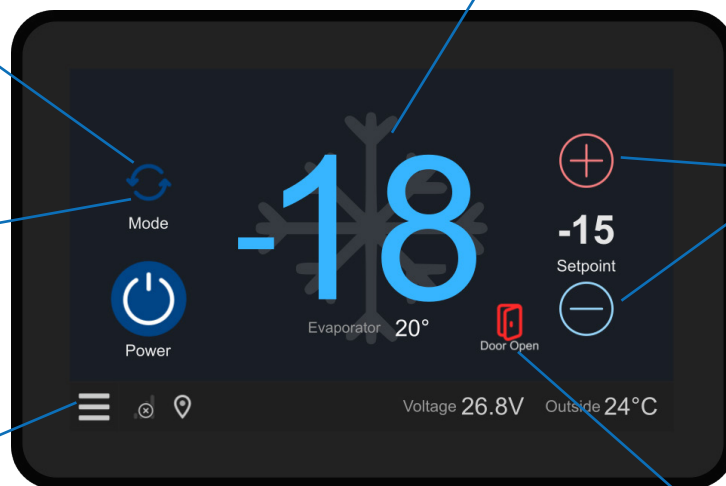
### Settings Menu

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 Single-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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