



PLUTO DUAL Single-Temp

All-Electric Urban Delivery Reefer Unit
No-Idle Solutions for Lower Costs, Higher
Performance, and a Greener Footprint



VOLTA AIR

Join the Electric Revolution

Introducing Pluto Dual, 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) vans and small 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.



PLUTO DUAL

Double the Cooling, Double the Flexibility

Upgrade your fleet with a 24V electric reefer unit, Enjoy flexible configuration options and lower operating costs, compatible with a wide range of electric and conventional van models.

- **Dual Cooling Power**
Single evaporator, single zone with dual cooling power.
(Dual zone cooling available upon request.)
- **Independent Operation**
No reliance on the engine, saving fuel and maintenance costs.
- **No-Idle Cooling**
Maintains the temperatures during deliveries when the vehicle's engine is off.
- **Long Running Time**
Can operate all day, whether the vehicle's engine is on or off.
- **Integrated Stand-by (Optional)**
Optional 110V/240V plug-in for home base charging.
- **Digital Control Panel**
Monitor temperature and settings from the driver's seat.
- **Smart Control Panel (Available)** [Refer to page 6 for more info](#)
Monitor temperature and seamlessly integrates with the Tritracker system.
- **Low Maintenance Design**
Reduced number of moving parts for long-lasting performance.
- **Quick and Easy Installation**
One person can install Pluto in under a day.
- **CARB Compliant**
Meets California's strict emissions standards. Potential of rebates availability.

Experience hassle free cooling, get a quote today !



Pluto Dual Specification (24V EV-Compatible)

Model		Pluto Dual 24V (12V available upon request)	
		Fresh	
Voltage		24V	
Refrigerant		R134a (4.8 lbs.)	
Cooling Capacity	+15°C (60°F)	6,300 W (21,496 BTU/H)	
	+5°C (41°F)	5,000 W (17,060 BTU/H)	
	-15°C (5°F)	2,600 W (8,871 BTU/H)	
Heating Option		Hot Gas Heating	
Heating Capacity		2900 W (9,895 BTU/hr)	
Defrost		Hot Gas	
Compressor Type		24V DC Brushless	
Evaporator Air Volume		≥ 1,530 M ³ /H (900 CFM)	
AMP Average		24V 86A	
AMP Maximum		24V 111A	
Condenser Dimensions		1100 x 1265 x 210 mm (43.3 x 49.8 x 8.2 in)	
Condenser Weight		61 kg (134.5 lbs.)	
Evaporator Weight		23.5 kg (51.8 lbs.)	
Control Panel		Digital (Celsius – Fahrenheit) / Analog (By customer Request)	

Add Optional Battery Power			
Battery Pack	Number of Batteries	4	8
	Battery Pack Weight	80 kg (176.4 lbs.)	160 kg (352.7 lbs.)
	Charger Options	1200 W AC - DC / 2400 W AC - DC / 3600 W AC - DC	
	Pack Capacity	10,250 Wh	20,500 Wh
	Estimated Runtime	Up to 6 hours	Up to 12 hours

How Does Pluto Dual Work?

Single-zone

The Pluto Dual, equipped with a single evaporator, delivers dual cooling power. Designed for efficiency and performance, our single-zone cooling ensures optimal conditions for transporting fresh products, minimizing environmental impact.



TriTracker & Smart Control System (Optional)

Take control of your reefer performance

Stay informed and in control with the TriTracker, a comprehensive monitoring system designed specifically for the Volta Air Pluto Dual 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.

Mode



Power

-18

Evaporator 20°



Door Open



-15

Setpoint



Setpoint

Buttons adjust box temperature.

Settings Menu

Adjust brightness, temp unit, and view serial number.



Voltage 26.8V Outside 24°C

Door Alarm

Alerts when the refrigerated compartment door is open.

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 Pluto 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 Pluto Dual. 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.

Address: 3903 2nd Ave, Burnaby, BC V5C 3W9

Tel: 1 (855) 210 3839

Email: sales@voltaair.com

Website: www.voltaair.com

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