

Full DC Electric Air Conditioner Units

Model T20B (Roof Top Mono-block)



Roof Top Units



Interior Cover

No Need Compressor On Engine.

Still working and Save Fuel when Engine-off.

Special design for Heavy mining and construction machinery equipment.

Description

The battery aircon units are compact in design, heavy-duty type, Monoblock and roof top mounted. brushless DC electric scroll compressor self-contained. No need install compressor&bracket on engine.

Powered by DC12V DC24V original batteries or auxiliary battery bank.

Anti-Idling air conditioner System to increase operator's comfort and reduce much fuel costs&engine maintenance cost.

The air conditioners designed to handle the high ambient temperatures and robust mining&construction industry that the tropic climate can put out, like South-Africa, Mid-east, West Australia, Chile, Russia, etc

Recommended for all heavy-duty applications such as earthmoving mining construction equipment, off-road vehicles, agriculture, all-terrains, off-road utility vehicles etc.

Main features

1. Fully DC12V or DC24V electric powered for whole air conditioning system.
2. Long life (8 years) and heavy duty-design.
3. Easy installation. Refrigerant gas R134 pre-filled in factory, only cut hole, fix it, connect hose and wiring. Its finish.
4. More cooling capacity and more air flow. Cooling capacity up to 9500Btu and 19800Btu. Cooling air flow up to 400cbf and 550cbf.

5. Battery power safety protection. The air conditioner units will cut-off when the battery voltage down to 10.5V (if 12V a/c units) and 21.5V (if 24V a/c units) automatically. This guaranty the vehicles engine can re-start at any time.
6. Robust design for working in Harsh working environment. Special Vibration reduction, tough standards Wire harness, and reliable parts.
7. Anti-Corrosion design on condenser provided by double times anti-corrosion (electrostatically-applied and baked- on epoxy e-coating).
8. Beautiful and innovation design of Air outlet in cabins interior, so the cooling air soft and comfort for operator, also reduce driver's fatigue
9. Corunclima have design and manufacture heavy-duty air-conditioning products from 2008 year. Long time rich experience will guaranty you the safety business.

Specification / Technical data

Model No.	T20B
Cooling Capacity	9500Btu / 2.5—2.8kw
Voltage available	DC12V, DC24V, DC48V
Compressor Type	DC Electric scroll compressor. Brushless motor
Working Current	48A (12V), 35A(24V)
Max. Current	72A(12V), 55A(24V)
Refrigerant Gas	R134A / Pre-Filled in factroy
Cooling air	400cfb / 750m3/h
Condenser fan	11' one pc
Roof top size	L:856mm, W: 743mm, H:180mm
Roof top weight	39Kg(86LBS)
Air vent Qty	5pcs
Controller	Digital or Automatic

Installation: so easy. Only fix it and connect power cable to Battery/Alternators. Its finish.

No need installation compressor, No need connect hose, No need vacuum and no need fill gas.

Save Money: When Engine-off, the A/C still working by battery. Save engine fuel cost, and save engine maintenance money also.

Each hour, you can save 10-15Litre Fuel Compare with Engine driven A/C units When Engine-OFF.

Each Hour, you can save 2.5-3Litre Fuel Compare with Engine Driven A/C units When Engine-ON.

You can save at least 6 worker hours for each units installation compare with Engine driven A/C units.

In New Zealand, for Forklifts



In Dubai, UAE, for forklift



In Australia, for Full Electric Forklifts



In Mexico, for diesel Forklifts



In Mexico, for loader



In Mexico, for excavator.



In Mexico



In Chile



In South-Africa





In Mexico, for Van cabin



More information, pls visit:

<https://www.corunclima.com>

<https://www.facebook.com/PureDCAirConditioner>

Full DC Electric is Future, We are Already Here. From 2006 years, we start design, manufacture, and export the Full Electric A/C units. We already own the key technology of the Full Electric A/C units.

Till Now 7860sets are installed from 2013 years in whole world, and still increasing fast.

Never Losing the Future Opportunity, Start Now.

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