

DC Electric Battery Driven anti-idling Air Conditioner for Heavy Mining / Construction Equipment

Model: T20B / T60B

Special design for Heavy mining 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.
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Specification / Technical data

Model No.	T20B	T60B
Cooling Capacity	9500Btu 2.8kw	19800Btu 5.8kw
Voltage available	DC12V, DC24V, DC48V	DC12V, DC24V, DC48V
Compressor Type	DC Electric scroll compressor. Brushless motor	DC Electric scroll compressor. Brushless motor
Working Current	48A (12V), 35A(24V)	85A (12V), 70A(24V)
Max. Current	72A(12V), 55A(24V)	155A (12V), 115A(24V)
Refrigerant Gas	R134A	R134A
Cooling air	400cfb / 720m3/h	550cbf / 900m3/h
Condenser fan	11' one pc	12' one pc
Roof top size	L:856mm, W: 743mm, H:180mm	L:1263mm, W:1040mm, H:198mm
Roof top weight	39Kg(86LBS)	55Kg(121LBS)
Air vent Qty	5pcs	8pcs

Application









