

Battery powered Air Conditioner for all off-road vehicles

Model: T20B / T60B

Heavy-duty design for off-road vehicles, Battery driven, no need install compressor on engine.

Description

The battery air conditioning systems are compact, heavy-duty, Monoblock and roof top mounted. brushless DC electric scroll compressor self-contained. No need install compressor & bracket on engine.

Run by DC12V DC24V original batteries or auxiliary battery bank.

The Anti-Idling air conditioner System to increase drivers comfort and reduce much fuel costs & engine maintenance cost.

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

Recommended for all off-road vehicles, utility vehicles, all-terrains vehicles, farming machinery, etc heavy duty equipment.

Main features

1. Fully DC12V or DC24V battery operated 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 safety protection. The electric air conditioning system 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 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	T60B
Cooling Capacity	9500Btu 2.8kw	19800Btu 5.8kw
Voltage available	DC12V, DC24V	DC12V, DC24V
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





