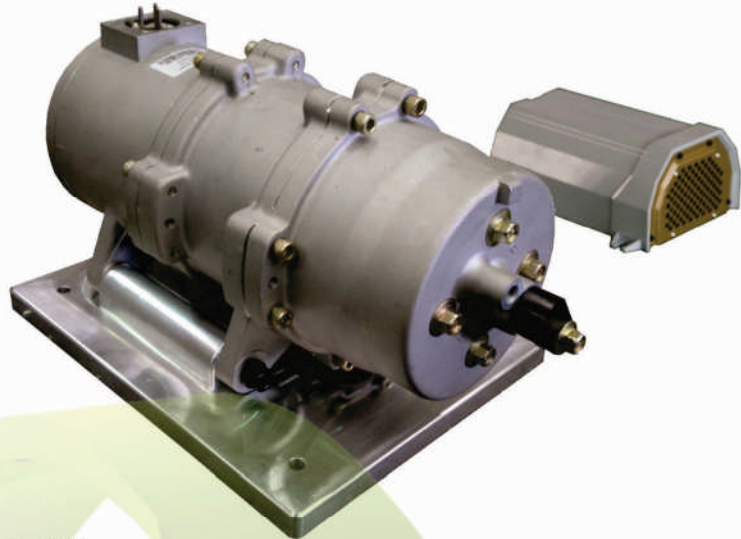


DRB-3 ELECTRIC DC AIR CONDITIONER COMPRESSOR

DRB-3 Electric Compressor

The DRB-3 is designed to suit small types of mobile & stationary equipment for Australian conditions.

Compact in design and providing high cooling capacity up to 3kw. The DRB-3 is the best solution and latest Technology in Electric compressor Air Conditioners.



DISPLACEMENT 36CC

INPUT VOLTAGE 12V , 24V & 48

INPUT VOLTAGE OF THE CONTROLLER 12V / 48V

MAX COOLING CAPACITY 1.0KW @ 12 volt- 3KW @ 48V

The unit consists of scroll compressor, built-in sensorless brushless DC motor and external electronics. The scroll compressor is driven by sensorless BLDC motor directly without any coupling, and the motor is driven by external electronics, which feedback signal is from the digital controller.

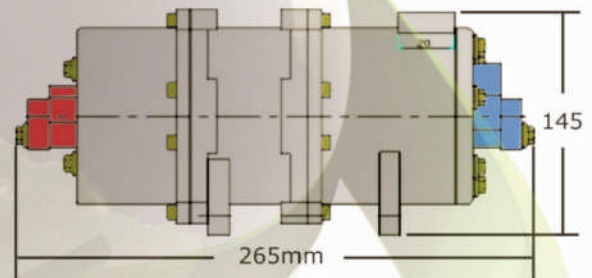
Features & Specifications

- * Soft starting
- * Over-voltage and under-voltage protection
- * Locked-rotor protection and current-limiting protection
- * Stepless speed regulation by variable analog signal input(0~5VDC or 5~11VDC)
- * 12VDC: 10~15VDC (max. speed: 1000RPM)
- * 24VDC: 21~32VDC (max. speed: 2500RPM)
- * 48VDC: 45~56VDC (max. speed: 3000RPM)

The DRB3 is an electric compressor drive unit, at 36cc capacity with a BLDC motor and digital controller to operate the drive system.

The electric motor is cooled by the suction flood back to the compressor surrounding the windings of the motor.

The unit is compact in design and an easy fitment to most applications.



- * Ideal for Sleeper Cabins
- * Small Machinery
- * Telco Shelters
- * Motor Homes
- * To any type of small cabin application

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