RDK4 *Air Conditioning Electric compressor Drive unit*

Renegade Auto Cool has designed and manufactured NEW to the Australian market this self contained 12 /24 or 48 volt full function Air Conditioning drive unit Designed to replace an engine or hydraulic Driven A/C Compressor

The unit has been configured to provide the required capacity for up to a 4KW Air Conditioning system. This can be in the form of an all in one evaporator/condenser system or a split evaporator/condenser system. Applications can range from truck sleeper cabs, mobile cranes, mining & earthmoving plant,
Motorhomes & caravans.

Every component has been designed and manufactured for this application. No major component is off the shelf and is entirely manufactured for the RDK4 Drive unit system

Features & Specifications

- 3500 watts of cooling power
- 12, 24 & 48 volts
- Strong steel construction
- Powder coated & all stainless bolts
- Electric motor over heat protection
- Compressor over heat protection
- Easy Installation
- Direct drive shaft configuration
- No servicing
- Ideal for Trucks, Machines & Motorhomes

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Rencool RDK4 Compressor Drive Unit

The unit comprises a high efficiency DC electric motor connected via a direct drive coupling to an optimised rotary vane compressor.

The RDK4 has an IP66 rated die cast aluminium electrical enclosure mounted on one end of the unit. The unit also has a thermal overload sensor for the DC motor and a compressor superheat switch. Activation of either will halt the unit until they return to their operating range which is an automatic and requires no reset by the user. The RDK4 requires minimal basic maintenance and enclosure is constructed from 1.9mm zinc anneal, all stainless bolts and powder coated with All holes precision punched and laser cut.

Power Consumption :

@ 12Volt : No load 15A and a max under load 45A

@ 24Volt : No load less than 10A and under load 25A

Weight :

32 kg

Dimensions :

Width : 245mm wide

Height : 264mm high

Length : 597mm long

Either Split system or Rooftop and more designs can be used with the Rencool RDK4 Drive unit

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