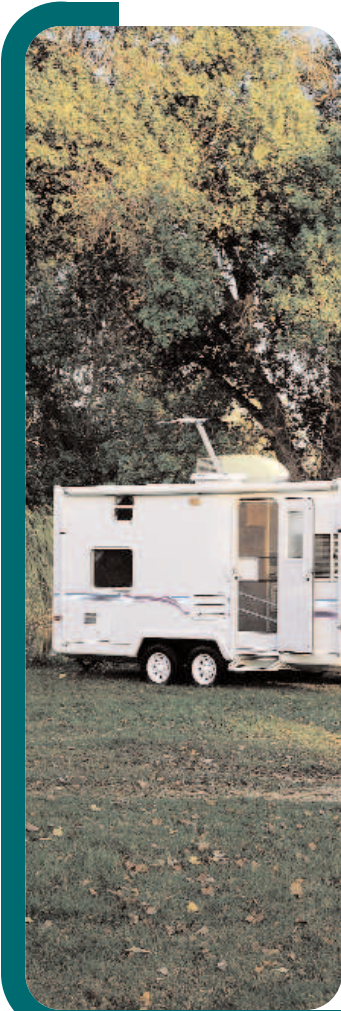


*Coleman-Mach*

# ROUGHNECK™

INTERNATIONAL AIR CONDITIONER



The RV air conditioner that's  
**built tough**  
to take it.

When it comes to air conditioners, power and strength do not necessarily mean the same thing. But they do come in the same package with a Coleman®-Mach® Roughneck™ RV Air Conditioner.

The Roughneck™ gives you plenty of high-efficiency cooling power, but also has a lot of inner strength to handle rugged, off-road and heavy industrial vehicle applications.

It's specially equipped to handle the jarring and vibrations that come with the territory, whether you're in construction, the oil field or just taking the back roads to your favorite fishing hole.



 **RVP**  
RV PRODUCTS  
A Division of AIRXCEL, Inc.  
[www.rvcomfort.com](http://www.rvcomfort.com)

Coleman-Mach®

# ROUGHNECK™

INTERNATIONAL AIR CONDITIONER

Tough enough to keep its cool  
off the road.

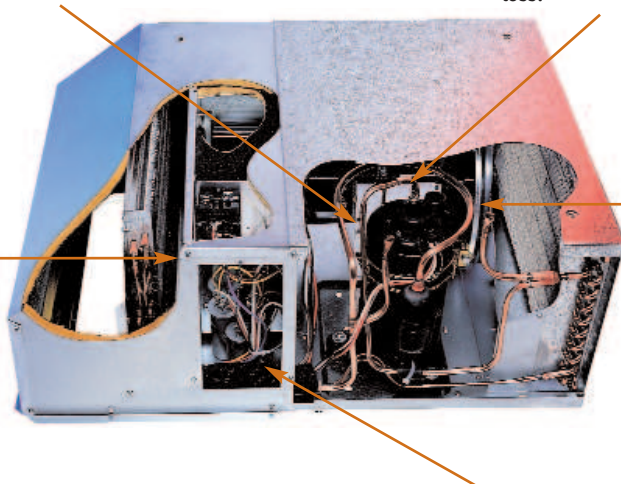
## Roughneck™ RV Int'l. AC. Specifications – 8473 Series

|  |                    |
|--|--------------------|
| Nominal BTU Cooling Capacity             | 13,500             |
| Locked Rotor Cooling Amps                | 32.0               |
| Running W atts/Cooling <sup>1</sup>      | 1,687              |
| Running W atts/Cooling <sup>2</sup>      | 2,117              |
| Running W atts/Heating <sup>3</sup>      | 1,800              |
| Electrical Rating                        | 240VAC 50HZ 1Phase |
| Delivered BTU Heating Output*            | 5,600              |
| Approximate Full-Load Amps/Cooling       | 7.4                |
| Approximate Full-Load Amps/Heating*      | 9.0                |
| Evaporator Air Delivery CFM (high speed) | 300 CFM/509.8 CMH  |
| Unit Weight**                            | 95 lbs./43.1 kg    |

To prevent distortion of the angle of the blower wheel and ensure a free turning action, the motor is mounted directly to the bulkhead. This fixes the motor's position in relation to the blower wheel and scroll.

At 1 $\frac{1}{4}$  hp, the fan motor in the Roughneck™ is the largest in the industry. It features a sealed shaft to protect against dust and cooling capacity loss.

Large evaporator and condenser coils have raised lance fins that enhance heat transfer. The copper tubing has been rifled inside to create turbulence in the coolant, which also enhances the system's ability to dissipate heat.



The top and bottom of the compressor are secured to the air conditioner chassis, reducing the potential for damage when used in high-stress applications.

Start kit with start capacitors and relays is provided as standard equipment to allow the unit to start easier under high temperature and humidity conditions.

- Optional Heater Assembly can be added to provide a source of warm air.
- Plastic drain pan eliminates corrosion.
- Corrosion-resistant, stainless steel trusshead screws secure the shroud. The nylon washer underneath flexes with the shroud in the wind and distributes stress more evenly to prevent shroud fractures.

\*Optional Heater Assembly

\*\*Installed weight will vary with Ceiling Package Option.

<sup>1</sup>Tested under the following conditions: Cooling A.R.I. Standard Conditioning 80° F. (26° C.) DB/67° F. (19° C.) WB Indoor, 95° F. (35° C.) DB Outdoor at 240 VAC.

<sup>2</sup>Tested under the following conditions: Cooling A.R.I. Standard Conditioning 95° F. (35° C.) DB/71° F. (22° C.) WB Indoor, 115° F. (46° C.) DB Outdoor at 216 VAC.

<sup>3</sup>Tested under the following conditions: 47° F. (8° C.) Outdoor Temperature.

IMPORTANT: It is not the policy of RV Products to size generators for application in recreational vehicles. However, when sizing generators, the electrical power consumption in watts for the entire vehicle must be determined and taken into consideration. RV Products tests all units in accordance with A.R.I. Standard 210.

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