

## DATA SHEET ROUGHNECK SERIES

SPECIFICATIONS By Model Number		6770D Series Roughneck	
BTU Capacity (nominal)	Cooling	13,500	
	Heating ①	5,600	
Power Supply Volts/Cycle/Phase		115V/60 Hz/1 Phase	
Cooling Full Load AMP's At A.R.I. Standard Condition	Compressor	11.0	
	Fan Motor	Low - 2.1	High - 2.8
	Total	13.1	13.8
Feature Equipment Amps	Heating ①	16.0	
RUNNING WATTS: (cooling) A.R.I. Standard Condition (80°F. DB/ 67°F. WB Indoor, 95° F. DB Outdoor at 115 VAC)		1,600	
RUNNING WATTS: (cooling) A.R.I. Maximum Condition (95°F. DB/ 71°F. WB Indoor, 115° F. DB Outdoor at 103.5 VAC)		1,930	
RUNNING WATTS: (heating) ①		1800	
Compressor Locked Rotor AMPs		63.5	
Approximate Compressor Ohm Ratings Common - Start - Run Windings		(C-S) 7	(C-R) 1 (S-R) 8
Thermostat Temperature Range		Cooling-61° (±5°) Heating ②-85° (±5°)	
Metering Device		Capillary Tube	
Refrigerant Charge		15.83 oz.	
Evaporator Air Delivery (CFM)		330 CFM - Hi	150 CFM - Lo
Generator Size		See "Generators" Below	
Installed Weight (pounds)		107.5	

ELECTRICAL DATA

GENERAL DATA

① When equipped with ELECT-A-HEAT feature.

② Using 6770 Series Ceiling Assemblies will increase installed weight 12 to 15 lbs.

### GENERATORS

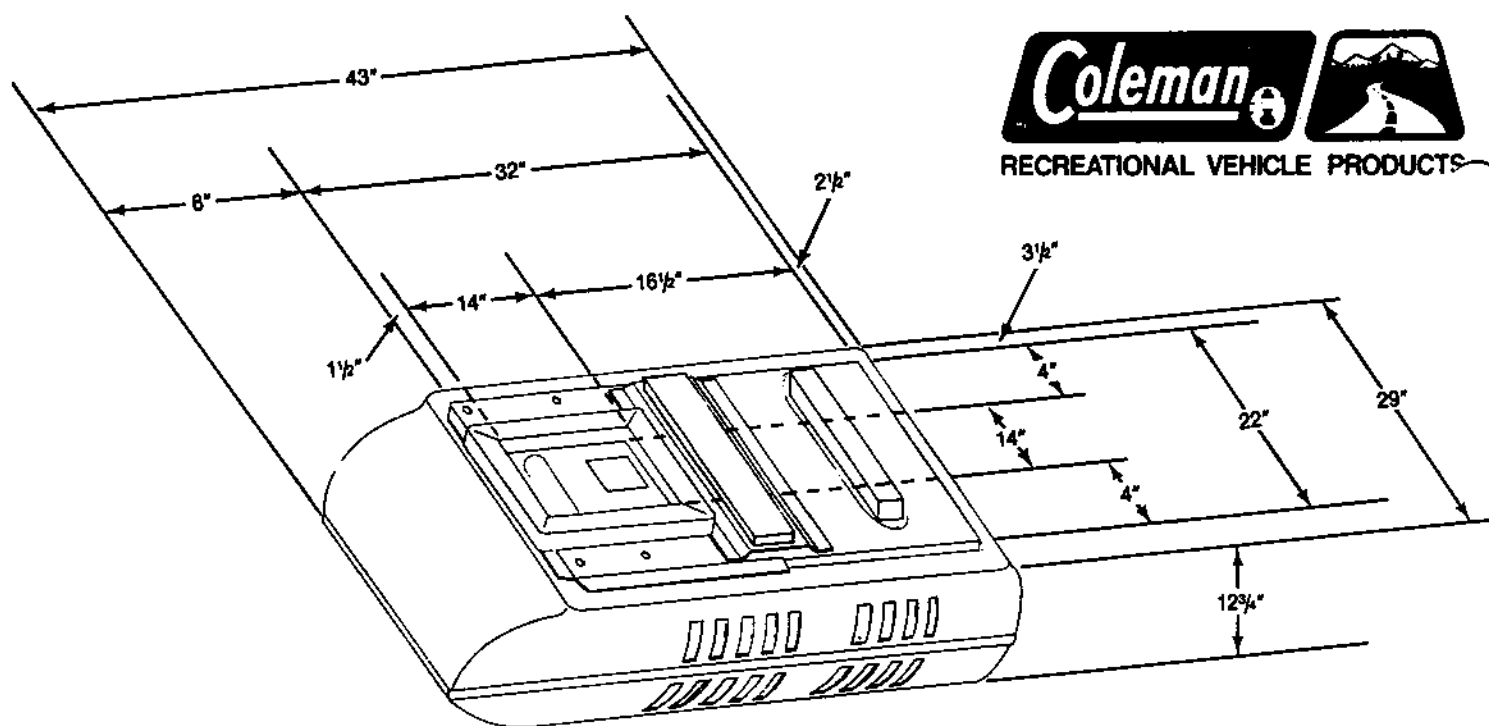
It is not the policy of the Coleman Company to size generators for application in Recreational Vehicles. However, when sizing generators, the total electrical power consumption in Watts must be determined and taken into consideration, such as:

- A. Maximum running watts of the air conditioner at A.R.I. maximum operating conditions (See specifications).
- B. Power consumption of electronic ovens, electric toasters, electric coffeemakers, television sets, refrigerators, lights, etc.

- C. Generators do lose capacity under the following conditions: 1. Altitude increases above sea level. 2. Temperature increases above certain outdoor design temperatures. 3. Lack of maintenance.

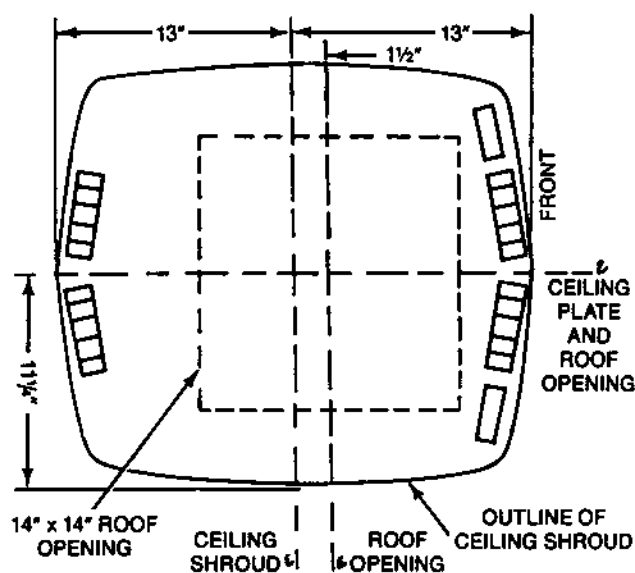
### IMPORTANT

In all applications, the roof structure of the vehicle on which the air conditioner is to be installed, **MUST** be capable of supporting a minimum per unit weight of 140 lbs. in transit.



### CEILING SHROUD DIMENSIONS

DIMENSIONS		
EXTERIOR SHROUD	HEIGHT	12 <sup>3</sup> / <sub>4</sub> "
	WIDTH	29"
	LENGTH	43"
CEILING SHROUD	DEPTH	3"
	WIDTH	22 <sup>1</sup> / <sub>2</sub> "
	LENGTH	26"



R.V. PRODUCTS | 67 69

SIZE - BTU

57, 67, 77	11,000 BTU
59, 69, 70, 79	13,500 BTU
27	7,100 BTU

MODEL " - , A, B, C, - - "

COMPRESSOR  
0 - ROTOREX  
1 - SANYO

"7" INDICATES  
ROTARY

2 - LT. GRAY  
DK. GRAY  
3 - GRAY  
5 - BEIGE  
7 - IVORY  
8 - FR. BEIGE  
BRONZE  
9 - IVORY  
BRONZE

6770D716 — Heat/Cool ceiling assembly, Built-in Heater Pkg., Controls toward front.  
6770D718 — Heat/Cool ceiling assembly, Built-in Heater Pkg., Controls toward rear.  
6799-720 Cool only ceiling assembly, to be used with optional Wall Thermostat Pkg. 6799-6951, no Heater Pkg. available.

**6779-7441 Remote Control Box for use with thermostat pkg. 6799-5801. For applications where ducting is provided and a ceiling assembly is not required.**

6770-5301 Tree Limb Deflector  
6770-5511 Roughneck AC Strap

# WIRING DIAGRAMS

LADDER TYPE WIRING DIAGRAM

