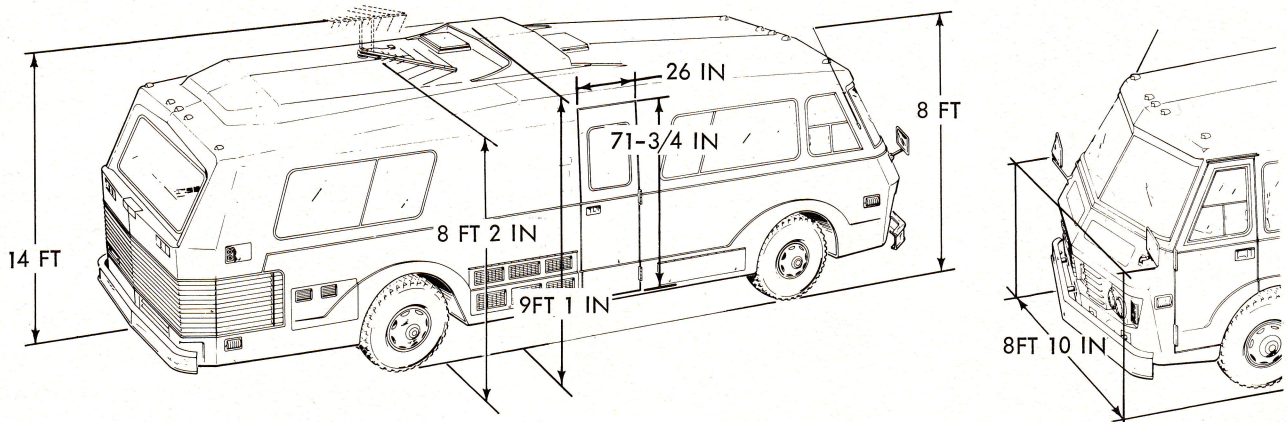


**SECTION 6
SPECIFICATIONS AND CAPACITIES**

6-1. DIMENSIONS

Length (overall, bumper to bumper)	29 feet 8 inches (356 inches)
Width (overall)	8 feet 10 inches (106 inches)
Height (maximum)	9 feet 1 inch (109 inches)
Passenger Door Opening	26 x 71-3/4 inches
Wheelbase	185 inches
Front Wheels:	
Track	81 inches
Toe-in	1/8 inch (measured at rim on wheel C/L)
Interior Storage Space	84 cubic feet
Exterior Storage Space	26 cubic feet



6-2. WEIGHT

Gross Vehicle Weight (GVW)

Total, including driver and passengers; full fuel, oil, water and LPG containers; and stored personal equipment.

DO NOT EXCEED 14,500 pounds

Curb Weight (CW)

Same as GVW but less driver, passengers and stored personal equipment.

APPROXIMATELY 12,500 pounds

Example of calculation to determine amount of personal equipment to put on board.

 Curb Weight (approx.) 12,500 pounds

 Driver (est.) 200 pounds

 Passengers (est.) - 3 at average of 130 pounds each 390 pounds

 Total less personal equipment 13,090 pounds

 14,500 pounds - 13,090 pounds = 1,410 pounds of personal equipment

When the actual weight of driver and passengers are known, then the actual weight of personal equipment to store on board can be determined.

Personal Equipment consists of items such as food goods, eating utensils, pans, bedding, tools, sporting goods, clothing, toilet articles, towels, lawn chairs, folding tables, repair parts, rocks, cameras, binoculars, bicycle, motorcycle, television, etc.

If your vehicle has had extra equipment added to it (such as bike racks, etc.) curb weight should be used in calculating the number of pounds of personal equipment that can be put on board. Before embarking on a trip, if you are not sure of the curb weight, it is suggested you have the vehicle weighed in its "curb weight" condition.

If you plan a trip on which you will not need to carry fresh water, you can add personal equipment of up to 480 pounds. See Section 5 for instructions on draining the fresh water system. Remember that any addition of fresh water will add weight and exceed the GVW limits.

6-3. CAPACITIES (Approximately)

	U.S. Measure	Imperial Measure
Engine Oil (quarts, without filter change)	6	5
Engine Oil (quarts, including filter change).....	7	6
Brake Master Cylinder (pints)	1/2	3/8
Differential (gallons).....	2	1 3/4
Transmission (pints).....	18	15
Power Steering System (quarts)	4	3
Cooling System (quarts) (with 13 pound pressure cap and 185°F thermostat)	33-1/2	27
Fuel Tank (gallons)	60	50
Fresh Water Holding Tanks (gallons)	60	50
Waste Water Holding Tanks (gallons)	65	54
Hot Water Heater (gallons)	10	8
Liquid Petroleum Gas (LPG, gallons).....	20	17
<u>Auxiliary Power Unit:</u>		
Engine Oil (quarts, without filter change)	4	3
Engine Oil (quarts, with filter change).....	4 1/2	3 3/4

6-4. BATTERIES

Automotive:

Location	In engine compartment
Make	Prestolite, 2719X, 12 volts, RVD 5101109
Ampere Hour	105
Polarity	Negative ground
BCI Group No.	27
Specific Gravity-Charged	1.275
Specific Gravity-Discharged	1.150

Domestic:

Location	Two each, under driver's floor board
Make	Gould, PB220, 6 volts, RVD 5101798
Ampere Hour	220
Polarity	Negative ground
BCI Group No.	GC24
Specific Gravity-Charged	1.275
Specific Gravity-Discharged	1.150

6-5. TIRES

Size	7.50-X 17, 8 ply
Rims	6.00S
Maximum Load Capacity-Front	5,000 pounds
Maximum Load Capacity-Rear Duals	9,500 pounds
Normal Inflation Pressures-Front	75 psi
Normal Inflation Pressures-Rear Duals	75 psi
Tire Rating-Single	2,540 pounds
Tire Rating-Duals	2,460 pounds

6-6. ENGINE

NOTE When reference is made throughout the manual to left and right sides, they will always be in relation to you as you face the front of the coach while inside of it. Serial number break points are approximate, check coach configuration closely.

Make & Model ... (Coach 00001 to 00047)	Chrysler, H440-707
Make & Model ... (Coach 00048 to 00222)	Chrysler, I440-3-4001
Make & Model ... (Coach 00223 and up).....	Chrysler, I440-3-4005
Type	90 degrees V, 8 cylinder
Fuel.....	Regular gasoline
Bore & Stroke	4.320 X 3.750 inches
Piston Displacement	440 cubic inches
Compression Ratio.....	8.2:1

ENGINE (Continued)

Firing Order	1-8-4-3-6-5-7-2
<u>Cylinder Numbering:</u>	
Engine Bank (on right side of coach)	1-3-5-7 (rear to front of coach)
Engine Bank (on left side of coach)	2-4-6-8 (rear to front of coach)
Oil Filter Type	Full-flow, Chrysler 3549957
Fuel Filter	In-line, Chrysler 2525254
Carburetor	4-Barrel Chrysler 3698398, Carter TQ6446
Distributor	Chrysler 3755158
Alternator	Leece-Neville A001-7502AA, Chrysler 3412354 (85 AMP)
Spark Plugs	Champion J11Y (H440 engine)
Spark Plugs	Champion BL-9Y (I440 engines)
Starter	Chrysler 2095150

6-7. BRAKES

Parking:

Location	Rear of transmission
Make	Chrysler, mechanical internal expanding
Drum Diameter	7 inches
Lining	2 X 13 inches
Adjustment	Adjusting nut on lever next to driver's seat

Service:

Make	Bendix, hydraulic
Size-Front and Rear	14 1/8 X 3 1/2
Pedal Free Play	3/8 to 1 inch
Pedal Free Travel (measured at master cylinder push rod)	1/16 to 3/16 inch
Boosters	Bendix "Hydrovac" 2504150, RVD 5100457-01; with Air Cleaner 374732, RVD 5100457-04

6-8. STEERING

Make	Saginaw Steering Gear Division of General Motors
Model	708D20, RVD 5100062
Ratio	17.5:1
Wheel Diameter	17 inches

6-9. TRANSMISSION

Make & Model	Chrysler, A-727B
--------------------	------------------

Gear Ratios:

Reverse Range	2.20:1
D Range	1.00:1
1 Range	2.45:1
2 Range	1.45:1

Upshift Speeds:

Wide Open Throttle:

1-2 Upshift	27-34 mph
2-3 Upshift	46-62 mph

Kickdown Speeds:

Wide Open Throttle:

3-2 Downshift	39-55 mph
3-1 Downshift	19-26 mph

6-10. PROPELLER SHAFTS

Make & Model Mechanics U-Joint
 Transmission-to-Differential Type 4C Mechanics 2A-4854, RVD 5100105
 Differential-to-Rear Wheels Type 7C Mechanics 2A-22125-1, RVD 5100040

6-11. DIFFERENTIAL

Make & Model Rockwell Standard JF140-X-1, (Coach 00001 to 00256); JF140-X-2 (Coach 00257 up); Jackshaft with hypoid bevel gearing 4.625:1 ratio

6-12. ELECTRICAL-AUTOMOTIVE

Polarity Negative ground
 Voltage 12 volts, single battery, in engine compartment

Fuses (under instrument panel):

Air Conditioning Unit-Rear #3AG-15 amp-standard
 Speed Control (cruise control) #3AG-5 amp-standard
 Air Conditioning Unit-Front #3AG-25 amp-standard
 Rear Defrost Unit #3AG-15 amp-standard
 Instrument (dash) Lamps #3AG-5 amp-standard
 Headlights and Park Lights #3AG-20 amp-standard
 Ignition #3AG-5 amp-standard

Fuses (under instrument panel):

Turn Signal and Stop Lights #3AG-15 amp-standard
 Horn #3AG-30 amp-standard
 Hazard Lights #3AG-30 amp-standard
 Cigar Lighter #3AG-15 amp-standard
 Air Conditioning Condenser #3AG-30 amp-slo-blo

Fuse (in engine compartment):

Backup lights #3AG-10 amp-standard

Light Bulbs:

	<u>Bulb No.</u>
Clearance Lights-Front Amber, Rear Red	67
Identification Lights-Front Amber, Rear Red	67
Headlights, High Beam, Inboard	4001
Headlights, Low/High Beam, Outboard	4000
Park-Turn Signal Lights	1157
Running Lights-Front Amber, Rear Red	194
License Plate Light	67
Backup Lights	1156
Stop-Tail-Turn Lights	1157
Instrument Panel Lights	53
Clock Panel Lights	53

6-13. ELECTRICAL-DOMESTIC

12-Volt System

Polarity Negative ground
 Voltage 12 volts, two 6-volt batteries wired in series

Fuses (under passenger seat)

Lights SFE 20-amp-standard
 Lights and Fans SFE 20-amp-standard
 Furnace Blower Motor SFE 20-amp-standard
 Utilities and Appliances SFE 20-amp-standard
 Spare SFE 30-amp-standard
 Main; batteries and refrigerator AGU 50-amp-standard

ELECTRICAL-DOMESTIC (Continued)

<u>Light Bulbs:</u>	<u>Bulb No.</u>
All interior light fixtures	1141
All interior spot swivel lamps	1383
Step Lights	67
Range and oven light	15W-12V

110 Volt System:

Voltage and Source .. 110 volt service line or auxiliary power unit, both at left rear of coach

Circuit Breakers:

Box in rear bedroom, right side of coach

Main (divides into four branches)

2-30 amp, QO 130

Branch (fusible switches - from main breakers)

4-20 amp, G20

6-14. AIR CONDITIONING

Automotive:

BTU Output-Maximum (A/C unit)

28,000

BTU Output-Maximum (heater/defroster)

36,000

Freon Compressor

Thermoking (York) 3057C22-G22 with 12-volt

Pitts clutch, RVD 5100961-01

Heater/Cooler Unit with Blower

Thermoking TK630, RVD 5100961

Condensers

2 Thermoking TK230-M2, RVD 5100963

Receiver/Tank

Thermoking 2197B79, RVD 5101355

Evaporator/Cooler with Blower (rear of coach)

Thermoking TK725, RVD 5101349

Domestic:

BTU Output-Maximum (dual units)

22,000

Make & Model

Duo-Therm 54412-003 & 004, RVD 5101238

6-15. DOMESTIC EQUIPMENT

Auxiliary Power Unit:

Make & Model

Onan, 6.5 kw, RVD 5100067

Rating

6500 watts at 1.0PF

Volts

120

Amperes

54

Hertz

60

Phase & Wiring

Single, 3 wires

Cooling

Air

Fuel

Gasoline, regular

Spark Plugs

Champion H-8

RPM

1800

Starting

At domestic panel and at APU

Range with Oven:

Make & Model

Trav'ler 800-487 Gourme, RVD 5100298

Vent-Powered Hood:

Make & Model

Modern Aire 7300-1, RVD 5100299

Refrigerator:

Make & Model

Norcold 8 cubic feet #728, RVD 5100337

Furnace:

Make & Model

Coleman 4030-889. RVD 5100473

BTU-Input

30,000

BTU-Output

22,500

Water Pump:

Make & Model

Coleman 2238A-630, RVD 5100276

Water Purifier:

Make & Model

Western Ogden AT 1 PLAN 1 RVI, RVD 5100265

Water Heater:

Make & Model

Atwood Bowen G10C, RVD 5100277

Automatic Waste Destruction:

Make & Model

Thermasan BL 2500, RVD 5100283

Radio AM/FM:

Make & Model

Audiovox C975 with 8-track tape player, RVD 5101180