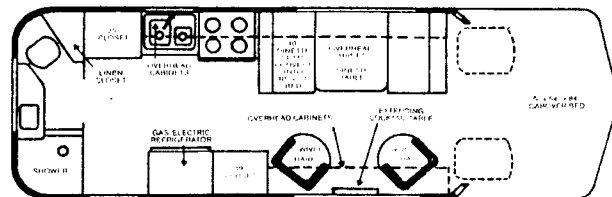
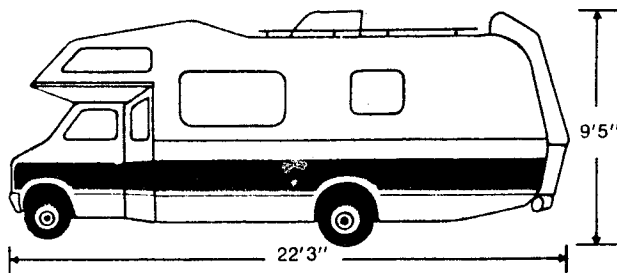


Specifications And Performance



BUYER INFORMATION

MODEL

Avion Mini

TYPE

22-foot mini motorhome

MANUFACTURER

Avion Coach Corporation, 1300 East Empire Avenue, Benton Harbor, Michigan 49022.

PRICE

\$18,000 base; \$22,500 as tested. (Prices are manufacturer's suggested retail prices and do not include charges, if any, for shipping, dealer preparation, licensing, or taxes.)

Options on test unit include roof-mount and automatic air-conditioners, 4000-watt generator, 10-cubic-foot gas/electric refrigerator, AM/FM stereo with CB radio, Reese hitch platform, roof ladder and luggage rack, spare tire and carrier with lock, TV antenna and interior jack.

WARRANTY

12-month warranty of workmanship and materials; appliances, chassis, and tires warranted by their respective manufacturers.

DISTRIBUTION

National.

CONSTRUCTION

Riveted aluminum exterior skin with aluminum ribs and braces, spray-on (polyurethane) foam insulation.

LIVABILITY FEATURES

APPLIANCES

7.5-cubic-foot gas/electric refrigerator
4-burner range w/power vent, light, oven
24,000-Btu ducted auto-start furnace
30-amp convertor w/battery charger
two 12-volt batteries (85 amps)
double stainless-steel sinks w/covers
demand-type water system
systems monitor panel
wall-to-wall carpeting w/pad
high-backed swivel bucket seats

BATH

Rear-bath layout (dry), molded-fiberglass shower stall w/soap dish, telephone shower head, vent w/power-exhaust fan, marine toilet, lav with storage below, stand-up cabinet w/4 compartments, mirrored medicine cabinet, overhead adjustable mirror w/twin lights. Also, towel rack, tissue holder, two 110 and 12v outlets. Shower headroom 6'3".

SLEEPING ACCOMMODATIONS

Dinette conversion—6'1½" x 42" x 4"
Cabover bed—6'7" x 4'4" x 4"

STORAGE CAPACITY

Overhead cabinets.....14 cu. ft.
Drawers (3).....1 cu. ft.
Enclosed shelves.....16.5 cu. ft.
Closets (2).....27 cu. ft.
Difficult access.....5 cu. ft.
Outside access.....4 cu. ft.
Total.....67.5 cu. ft.

FLUID CAPACITIES

Fresh water.....30 gallons
Septic/drain-holding tank.....40 gallons
LP gas.....45 pounds

GENERAL DATA

EXTERIOR DIMENSIONS

Total length.....22 ft. 3 in.
Width.....7 ft. 11 in.
Height, road to roof.....9 ft. 5 in.
Road clearance (rear axle).....7 in.

INTERIOR DIMENSIONS

Height, typical.....6 ft. 6 in.
Height, minimum (shower).....6 ft. 3 in.
Cabover headroom.....22 in.
Floor length (less cab).....16 ft. 0 in.
Floor width.....7 ft. 1 in.

WEIGHT

Total wet.....8200 lbs.
Front axle/rear axle.....3000/5200 lbs.
Right side/left side.....3970/4230 lbs.
Ratio, front-rear.....37:63
Ratio, right side-left side.....48:52

CHASSIS

Type.....Dodge MBH 400
Wheelbase.....145 in.
GVW Rating.....10,500 lb
Brakes, front/rear.....disc/drum
Drive train: 360 cubic inch V8 developing 175 net hp @ 4000 rpm and 285 lb./ft. @ 2400 rpm (48 mph); 3-speed automatic transmission; 4.10:1 rear axle. Rpm at 60 mph-3000.
Auxiliary cooling.....none
Suspension: Independent front suspension with coil springs; solid rear axle with leaf springs.
Tires: 800x16.5 (D) rated for 2045 pounds each @ 60 psi (front) and 1800 pounds each @ 60 psi (rear duals).
Fuel capacity.....36 gallons

ROAD TEST

HIGHWAY CRUISING

Profile of engine economy, labor and temperatures at 55 mph. Wind factor: less than 2 mph. Ambient temperature: 59°.
Fuel economy.....9.5 mpg
Manifold vacuum.....11.5 in.
Radiator in/out.....194°/177°
Crankcase oil.....242°
Transmission fluid.....210°

SPEEDOMETER RECALIBRATION

Odometer error: 1% slow
Speedometer at actual 30 mph: 29 mph
Speedometer at actual 60 mph: 60 mph

ACCELERATION

0-30 mph.....6.2 seconds
0-60 mph.....18.8 seconds
40-60 mph (passing).....9.6 seconds

STEERING AND HANDLING

Emergency lane change.....excellent
Steering precision.....very good
High speed curve.....excellent
Crosswind handling.....very good
Rough road handling.....good
Driver comfort.....excellent

BRAKING

Fade: Amount of pedal effort, measured in foot-pounds, required to make five stops from 60 mph at a deceleration rate of 20 feet-per-second-per-second (approximate stopping distance from 60 mph—193 feet)
Distance between stops: 4 miles.
First stop.....45 ft-lbs.
Fifth stop.....58 ft-lbs.
Rating.....excellent
Emergency Stop: maximum rate of controlled deceleration from 60 mph.
Average rate.....24 fpsps
Approximate distance.....161 feet