

2006 Fleetwood American Tradition

Class A Diesel Motorhome | Technical Buyer Brochure

This brochure summarizes public manufacturer literature and buyer-facing specifications for the 2006 American Tradition diesel coach. It focuses on the items your client asked about: wall construction, insulation layers, water heater, heating, chassis, engine, dimensions, capacities, and key equipment.

Coach Type	Powertrain	Construction
Class A diesel pusher	Cat C9 8.8L diesel	Vacu-bond roof, sidewall and floor
American Coach / Fleetwood	400 HP	Aluminum wall construction
Luxury diesel platform	Allison 3000 MH 6-speed	Insulated sub floors and storage

Important buyer note

The original manufacturer documents show multiple floor plans. The coach described here is matched to the 40 ft quad slide layout where possible. Some equipment may vary by floor plan or by options installed when new.

Sources: 2006 American Tradition brochure and 2006 American Tradition floor plans, features and specifications flyer, Fleetwood/American Coach. JD Power used as a cross-check for Class A diesel type, 41 ft listing, and slide count by 40Z listing. Specifications vary by floor plan and installed options.

Quick Specification Summary

Best match for a 40 ft, quad slide American Tradition is the 40L floor plan. The manufacturer flyer lists 40L as a Quad Slide-Out floor plan with sleeping accommodations for 5.

Category	Specification
Model year	2006
Brand / line	Fleetwood American Coach, American Tradition
RV type	Class A diesel motorhome
Floor plan match	40L, Quad Slide-Out, sleeps 5, where applicable
Engine	Cat C9 diesel, 8.8L, 400 HP
Torque	1,100 lb-ft at 1,400 RPM
Transmission	Allison 3000 MH, 6-speed automatic with electronic shifter
Chassis	Liberty Chassis, with Spartan IFS option listed in the flyer
Tires	295/80R 22.5 H Goodyear radial
Interior height	82 in maximum
Interior width	96 in maximum
Overall width	101.5 in maximum
Overall height with A/C	12 ft 8 in
Overall length, 40L	39 ft 11.5 in

The manufacturer states that materials, design, dimensions, weights, fuel and liquid capacities are approximate and subject to change.

Weights, Dimensions and Capacities

The numbers below are taken from the 2006 American Tradition floor plans and specifications flyer. They are shown for the 40L quad slide floor plan, with a comparison note for 40 ft models where useful.

Item	40L Quad Slide Specification
GVWR	34,600 lbs
Front GAWR	14,600 lbs
Rear GAWR	20,000 lbs
Tag axle GAWR	N/A on 40L
Base weight	28,800 lbs
GCWR	49,600 lbs
Hitch rating weight	15,000 lbs
Tongue weight	1,500 lbs
Wheelbase	266 in
Overall length	39 ft 11.5 in
Fresh water tank	95 gal
Grey water tank	70 gal
Black water tank	40 gal
Propane tank	38 gal WC
Water heater tank	10 gal standard
Fuel capacity	125 gal

For client wording: This coach is built on a heavy diesel platform and was designed with high fluid capacity, large towing capacity, and residential-style systems for long trips.

Powertrain, Chassis and Driving Equipment

Area	Details
Engine	Cat C9 8.8L diesel rated at 400 HP. The flyer lists 1,100 lb-ft torque at 1,400 RPM.
Transmission	Allison 3000 MH 6-speed automatic with electronic shifter.
Cooling and access	The brochure describes a side-mounted radiator and a 7.5 kW Onan Quiet Diesel manual slide generator on 40 ft Tradition models.
Chassis concept	Liberty Chassis, an American Coach platform designed for structural rigidity, reduced flex, and improved ride quality.
Suspension and handling	Independent front suspension and 55 degree turning radius are listed as American Coach advantages.
Brakes and towing	Full air brakes with automatic slack adjusters, ABS, exhaust brake on-off, and 15,000 lb trailer hitch receiver.
Driver area	Tilt/telescoping steering wheel, adjustable brake and throttle pedals, rear vision system with one-way audio, backlit gauges, compass and exterior temperature gauge.

Buyer explanation

This setup is the type of diesel pusher platform buyers usually look for in a higher-end Class A coach: rear diesel power, large fuel capacity, air brake system, Allison transmission, and heavy tow rating.

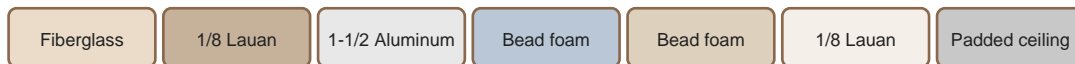
Construction, Wall Thickness and Insulation Layers

American Coach describes the patented Vacu-bond process as laminating and sealing the roof, sidewalls and floor into a single solid structure. The flyer also lists lightweight aluminum wall construction, insulation in sub floors, insulation in front and rear areas, heated water and holding tank compartments, and insulated storage areas.

Sidewall construction with exterior fiberglass



Ceiling construction with fiberglass roof



Floor construction with enclosed underbelly



Practical answer to the client

The manufacturer literature shows 1-1/2 inch aluminum structure inside both the sidewall and ceiling assemblies, plus bead foam insulation layers. The floor assembly shows 3 inch aluminum with bead foam and an enclosed anodized aluminum underbelly.

This is the strongest source-based way to answer the wall-thickness question without guessing beyond the factory diagrams.

Heating, Cooling, Water and Interior Systems

System	Factory literature details
Roof air conditioning	Two 15.0M low-profile roof A/C units on 40 ft models. Three 15.0M low-profile roof A/C units on 42 ft models only.
Heating	Two-stage high-efficiency furnaces with thermostat and auto ignition. The flyer lists 15/22M and 23/34M furnace ratings. Hydronic heating is listed as an option but not available on 40L.
Water heater	Standard direct-spark ignition 10 gallon water heater with 120V/propane operation. Optional 16 gallon high-output water heater appears in the option list.
Plumbing	TuffPex plumbing, whole-coach water filtration, multi-point water pump switching, variable-speed Aquatec water pump.
Holding tank comfort	Heated water and holding tank compartments.
Electrical	50 amp energy management system, 2500 watt inverter with 130 amp charger, energy system protection rated at 5,000 joules.
Generator	Onan 7.5 kW Quiet Diesel manual slide generator on 40 ft Tradition models. 10.0 kW generator offered on 42 ft models.
Kitchen	12 cu ft Dometic 120V/propane side-by-side refrigerator with icemaker, GE convection microwave, recessed 3-burner range with oven and solid-surface covers.
Bedroom and bath	60 x 80 full queen bed, cedar-lined wardrobe, washer/dryer vented, fiberglass shower enclosure, Moen hand-held shower head, residential china bowl toilet.

Client-ready answer on heat and hot water: The factory setup uses propane furnace heat with thermostat and auto ignition, roof A/C for cooling, and a 10 gallon water heater that runs on 120V electric or propane. It is a tank water heater, not an on-demand system, unless a later aftermarket upgrade was installed.

Buyer-Facing Feature Highlights

Area	Highlights
Exterior	Two-stage DuPont paint process, one-piece windshield, dual fuel fills, side-hinged luggage doors, rear ladder, electric awning with wind sensor listed as optional.
Storage	Exterior compartments, optional pullout storage trays, luggage compartment lights, insulated storage area.
Safety and visibility	Rear vision system, back-up alarm, docking lights, dual pane windows with screens, 3-point integrated seat belts for driver and front passenger.
Comfort	82 inch ceiling height, day/night shades, padded vinyl ceiling, solid-core raised panel cabinet doors, solid-surface countertops.
Entertainment	Sony flat-screen TVs, Sony home theater, satellite system, exterior entertainment center available as option.
Warranty when new	Original literature described RV Ownercare as a limited one-year/15,000-mile coach warranty and three-year/50,000-mile structural warranty when new. This is historical factory information, not a current warranty statement.

Suggested short note to send with this PDF

I attached a technical brochure with the factory information I found for the 2006 American Tradition. It covers the wall and roof construction, insulation layers, water heater, furnace setup, chassis, engine, dimensions and tank capacities. Please read it over, and if everything makes sense to you, we can continue with the transport company and they can provide the wire instructions.

Source references used

Source	Use in this brochure
Fleetwood / American Coach 2006 American Tradition Brochure	General features, construction diagrams, Vacu-bond explanation, chassis benefits, interior and exterior highlights.
Fleetwood / American Coach 2006 American Tradition Floor Plans, Standard Features and Options Flyer	Floor plans, weights, dimensions, capacities, powertrain, standard features, options, systems and construction list.
JD Power 2006 American Tradition listing	Cross-check for Class A diesel type and public listing format for model specifications.

All manufacturer figures are approximate. Installed options and current condition should be confirmed from the actual coach, records, photos, inspection report or VIN-specific paperwork.