

General Specifications

454D/454D1/454D2/454D3/454D4

UL153/UL157/UL162 (upper lounge)

LL153/LL157/LL162 (lower lounge)



Standard and Optional Available Dimensions

45'6"/546"	Length (over bumpers)
8'6"/102"	Overall Width
153"/12'9"	Overall Height <i>opt. 157"/13'1"opt. 162"/13'6"</i>
4'2"/50"	Steer-To-Steer
23'0"/276"	Wheelbase
4'2"/50"	Drive-To-Tag
7'0"/84"	Rear Overhang
4'2"/50"	Lower Headroom <i>opt. 54"/4'6" opt. 59"/4'11"</i> (UL Plan/max.)
4'2"/50"	Upper Headroom <i>opt. 54"/4'6" opt. 59"/4'11"</i> (LL Plan/max.)
6'8"/80"	Upper Level Headroom (UL Plan/max.)
6'8"/80"	Lower Level Headroom (LL Plan/max.)

Monocoque Multi-Structure Body

Fully Integrated Stainless Steel Structure (G-78")
Partial Stainless and 6061-T6 aircraft aluminum (78"- Roofline)
Full Stainless Steel undercarriage and wheel well areas
6061-T6 .0125 aircraft aluminum outer skin
3M Mastics and Stainless Steel Fasteners
Carbon/Kevlar Hybrid Composite Body Components
Rubber, Stainless and Aluminum Exterior Trim

Axle & Suspension Systems (ZF)

16,535 lbs #1 IFS Steer Axle, Disc Brakes, Anti-Roll
16,535 lbs #2 IFS Steer Axle, Disc Brakes, Anti-Roll
28,660 lbs #3 Drive Axle, Wide Base, Anti-Roll with Disc Brakes
16,535 lbs #4 IFS Tag Axle, Disc Brakes, Anti-Roll
78,256 lbs Gross Vehicle Weight Rating
ZF Air Brake and Air Suspension systems
ZF 8-channel ABS, Anti-Skid System
12-Air Accumulator Tanks
Traction Control
10-Air Bags
ZF (CDC) continuous damping system (optional)
ZF Stability Control System (std. 454D4 only)

454D4/M2013

General Specifications

Page 2

Axles & Suspension Systems (continued)

ZF variable-ratio power steering
Dual Front Steer System (DFSS)
ZF steering slave cylinders
Tilt & Telescopic steering column
Steerable ZF Tag Axle
Integrated Pneumatic Leveling System

Wheels & Tires

Polished Alcoa Aluminum Wheels
Steer 22.5 X 10.5 inch
Drive 22.5 X 9.0 inch
Michelin XZA Tires
Steer 365/70RX22.5
Drive 315/80RX22.5

Fuel, Fresh Water and Waste Tanks

Fully integrated stainless steel tanks with electronic tank monitor system
300 U.S. Gallons Diesel Fuel
200 U.S. Gallons Fresh Water
100 U.S. Gallons Gray Water
100 U.S. Gallons Black Water
Waste Master Power Extension/Retraction Sewer Drain System
*Tank capacities subject to change based upon floor plan layout.

Powertrain

Engine Options: CAT, Detroit 500hp
Cummins 650hp ISX Electronic Diesel
Transmission: Allison 4000MH 6-Speed Automatic
Retarder
Cruise Control with fast-idle feature

454D4/M2013

General Specifications

Page 3

Electrical System (120/240 volt system)

Hybrid 2000 watt (roof-mount) solar power system (std. 454D4 only)
50 amp solar power panel (std. 454D4 only)
Dual 2800 watt Inverter/Charger package/with remote (std. 454D4 only)
Cummins-Onan 18kw Diesel Generator with remote controls
PLC control system
Marine quality circuit panels
Surge Protection system
Shoreline Multiplex hook-up package
Batteries: 4- 12 volt/8D AGM Chassis
Batteries: 6- 12 volt/8D AGM House
Batteries: 8- 12 volt/8D AGM Solar System Storage (std. 454D4 only)
400 amp, 12 volt engine alternator

HVAC (8-Zone Computerized "Ducted" Heat Pump System)

Dual compressors
91,500 BTU Cooling
96,000 BTU Heating
Engine driven cockpit HVAC
AUX Diesel Heating Unit for tankage and engine in cold weather applications
Whole-Coach Ventilation System

Cargo Bays

225 cubic feet (subject to change based upon floor plan option)

Additional Utility Bay Area (automatic bay lighting)

Generator (curbside rear)
Chassis Battery #1
House Battery #2
Solar Battery #3
Heat Pump Bay (rear)
Electronics Bay #1
Electronics Bay #2
Engine Bay (rear)
Radiator Bay (Streetside)

454D4/M2013

General Specifications

page 4

Additional Body Specifications

Multi-Structure Monocoque Body (MSMB)
Aircraft quality Thermal and Sound Insulation
2" wall thickness with 1/4" Kevlar Interior Sub-Structures
Custom designed Room Slide-Outs (up to 4 per coach)
"Gull Style" side view mirrors (remote/heated)

Windows, Windshields and Skylights

Lower Windshield 3/8" laminated auto glass with a 15% tint (SG)
Upper Windshield 3/8" laminated auto glass with a 30% tint (SG)
Side insulated frameless/flush mount windows with a 30% tint (DG)

Cockpit Features

State-of-the-Art EURO Dash Cluster
In-dash Radar Detector
In-dash Pioneer GPS/DVD/Sirius-XM/IPOD
FLIR (std. 454D4 only)
Collision Avoidance System
Bose 5.1 Dolby surround sound system
Coach Intercom System
Premium Am-Fm 6-player CD
Rear Vision System (full color)
Optional: Forward Vision 20:1 zoom CCD Camera System (std. 454D4 only)
Villa or Flexsteel Leather 6-way/Heated Captains Chairs (driver air-ride)
Power Shades by Shademaster
24 Hour Weather Radar Monitor
40 Channel CB Radio
Custom Burlwood & Leather Dashboard
Tire Air Pressure Monitor (Coach)
Smart Steering Wheel
Interior/Exterior Temp-Monitor
Altimeter

454D4/M2013

General Specifications

Page 5

Interior Entertainment HDTV Systems

Dual Roof-Mount Satellite System (HDTV)

1- 32" Master Suite Flat Screen HDTV

1- 20" Bedroom #2 Flat Screen HDTV

1- 20" Bedroom #3 Flat Screen HDTV

1- 20" Forward Lounge Flat Screen HDTV

4- 32" Main Lounge Flat Screen HDTV

Surround Sound Systems

BOSE 5.1 Dolby Surround Sound with DVD Player

1-Main Level Lounge

1-Rear Level Lounge

1-Master Bedroom Suite

Premium Gaming System

1-Main Upper Level Lounge

1-Master Bedroom Suite

Custom Built-Ins Throughout

Additional Coach Features

Electronic Wall Mount Fireplace (optional)

Saltwater Fish Tank HDTV (optional)

AMX Touch Screen Controls throughout coach

Sleep-Number King Beds (RV Edition-Deluxe)

Dual Air and Electric Horns

Four Girard Automatic Awnings (454D4 only)

10 camera CCD Coach Monitor System (454D4 only)

10 zone (FSS) Fire Suppression System (454D4 only)

Premium Alarm System with Keyless Remote Access

Remote keyless Central Door Locking System

High intensity XENON Headlights

Fog Lights

Neon "Center Front" Bumper Display

L.E.D. Marker, Turn, Tail and Back-up Lights

High Mount "Red Strobe" Emergency Lights

Door Bell and Exterior Intercom

Back-Up Alarm

Tow Package: 20,000 lbs

454D4/M2013

General Specifications

Page 6

Outdoor Entertainment System

32" Flat Screen HDTV (LCD)
Bose Surround-Sound and Speakers
Premium Am-Fm, 6-Player CD with XM-Radio
DVD Player
Electric Cooler
Electric BBQ Grill

Cabinets

High pressure Laminate Cabinets with "Euro Style" hardware throughout...
Positive latches on all doors and drawers

Plumbing and Galley

Insulated/Heated Plumbing Shafts and Tankage for cold weather use.
Water Pump 120 volt/12 volt marine
Automatic Fresh Water Fill
Stainless Steel Galley and Bathroom Sinks
Premium Stainless Steel Fixtures (Gold Plated Fixtures optional)
Fisher & Paykel Single Dishwasher Drawer (DD24SCX6V2)
LG 2.7 cu.ft. Washer/Dryer Combo (WM3455HS)
Dual Sub Zero Under-Counter Refrigerators
2-Sub Zero "Bar Area" Under-Counter Refrigerator/Wine Coolers
Single Sub Zero Under-Counter Freezer
Gaggenau Built-in Coffee Machine (CM200)
Gaggenau 15" Premium "Vario" Electric Cooktop (VC422)
Gaggenau Fusion Oven (BM-281-711)
Garbage Disposal (Stainless Steel)
Electrolux 15" Stainless Steel Garbage Compactor (E15TC75HPS)
Everpure Water Filtration System
Heated Galley and Bathroom Travertine Floors (or equal)
Granite Counter Tops (or equal)

Bathroom (1 or 2 Half Bath Configuration)

Full size 36"X36" Tiled Shower (Master Bedroom)
Premium Marine Toilets (Aria Deluxe II/High Profile Permanent)
Single Vanity
Guest Half Bath (std. 454D4 only)



454D4/M2013
General Specifications
Page 7

World Class Custom Coach, Inc.
2323 South Third Avenue
North Riverside, Illinois 60546 USA
630.330.7892

Exterior Paint Color and Design

Premium Paint
Custom 4-6 color design scheme
High Gloss Clear-Coat Finish

2013 Pricing

(U.S. Dollars)

454D4/M2013 MSRP from \$1,800,000.00 to \$2,500,000.00

Models Available

454D/454D1/454D2/454D3/454D4
UL153/UL157/UL162
LL153/LL157/LL162

454D4/M2013/UL153/UL157/UL162

Full Stainless/Aluminum Multi-Structure Monocoque Body
Cummins 650 hp diesel
Fully Loaded MSRP \$2,500,000.00

252D2/M2013/UL153/UL157/UL162 Double-Decker Trailer

Semi-Monocoque Body with Dallas-Smith System
Full air-Ride with Aluminum and Stainless Body
Fully Loaded MSRP \$575,000.00

Estimated Production Time: *8-10 months.*

Discount Pricing: Available for "High Profile" clients.

Trade-In's: Clean "Late Model" trade-in's will be considered.

Please Note: Serious inquiries only, please. Potential buyers must have the means to purchase our product without financing. I can appreciate the curiosity factor, only *serious principle prospects* will be considered.

Richard E. Slamp
World Class Custom Coach, Inc.
Designer/Builder

