

ALL AMERICAN® REAR ENGINE COMPRESSED NATURAL GAS



Technical Specification Highlights

CAPACITY	Multiple floor plans available with passenger seating up to 84 students or 56 adults	ENGINE	Cummins® ISL-G, 250-280hp
EXTERIOR WIDTH	96"	TIRE SIZE	11R22.5 (G) all-position radials
INTERIOR WIDTH	90 3/4"	ALTERNATOR	240-amp, 12 volts
AISLE WIDTH	Varies by floor plan	BRAKES	4-wheel air drum brakes with 4-channel antilock brakes
SKIRT LENGTH	19 3/4"	SUSPENSION	Soft ride front leaf spring suspension (rating varies by capacity); Two-stage steel leaf rear spring suspension system (rating varies by capacity)
INTERIOR HEADROOM	77"	STEERING	Tilting & telescoping steering column
OVERALL HEIGHT	122" - 128" depending on options	FRONT AXLE	Front axle (rating varies by capacity)
WHEELBASE	189" / 217" / 245" / 259" / 273"	REAR AXLE	Rear axle with hypoid, single reduction gears with broad range of ratios to optimize powertrain performance (rating varies by wheelbase)
OVERHANG	Front: 95" with standard steel bumper Rear: 122"	WHEEL CUT	50°
FUEL TANK	7600 SCF @3600 psi capacity fuel containers secured to chassis frame rails	GVWR	Up to 36,200 lb.
ENTRANCE DOOR	32" wide x 79" high/double electric outward opening		
TRANSMISSION	Allison® 3000 PTS - 5 speed automatic		

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ALL AMERICAN® REAR ENGINE SPECIFICATIONS- CNG



Chassis

- Type D - RE design
- Cummins® ISL-G, 250-280 horsepower
- Engine fan clutch
- Exhaust tailpipe routed under rear bumper
- Automatic transmission
- Driveline guard at each shaft section
- Six (6) all-position radial tires
- Six (6) 22.5in. disc, hub-piloted steel wheels
- Front axle (rating varies by capacity)
- Soft ride front leaf spring suspension (rating varies by capacity)
- Rear axle with hypoid (rating varies by capacity), single reduction gears with broad range of ratios to optimize powertrain performance
- Two-stage steel leaf rear spring suspension system (rating varies by capacity)
- 4-wheel air drum brake system
- 4-channel anti-lock brake system
- 50,000 PSI C-channel steel frame rails
- Large, easy to read instrumentation panel with Drivers Information Display (DID)
- 240-amp alternator, 12 volts
- Group-31 batteries secured to slide-out tray in compartment

Durability

- Entire underbody (body skirt and floor) is undercoated before mounting on chassis
- Exterior surfaces are finished with heat-cured, ultra durable urethane paint for gloss and color retention
- Interior surfaces are finished with high-quality paint

Strength

- 50,000 PSI C-channel steel frame rails
- Steel front bumper
- Steel rear bumper
- Blue Bird's legendary unitized construction creates a circle of safety around the passenger compartment

Safety

- Superior driver visibility
- Engine door at rear provide full access to engine compartment
- Superior maneuverability achieved by optimized steering component geometry
- 4-wheel air drum brake system
- 4-channel anti-lock brake system
- 7600 SCF @3600 psi capacity fuel containers secured to chassis frame rails
- Blue Bird's legendary unitized construction creates a "mighty safety cage" around the passenger compartment
- Rearview mirrors, split design flat and convex
- Dome lights in passenger compartment
- Electric intermittent single switch windshield wipers

Serviceability

- Halogen headlights, high/low beam
- Easy access to front headlights
- Easy access to fluids
- Chassis warning indicator lamps
- Body wiring circuits accessible through exterior electrical compartment
- Fused electrical circuit protection throughout body and chassis
- Wiring is color coded throughout harness for easy circuit identification
- Wiper motors mounted behind hinged panel for easy access

Comfort & Convenience

- Soft ride front leaf spring suspension (rating varies by capacity)
- Tilting & telescoping steering column
- Large, easy to read instrumentation panel with Drivers Information Display (DID)
- Entrance door, electric operated, outward-opening with upper and lower glass
- Windshield, tinted laminated glass
- Split-sash passenger windows with easily servicable lockrail latch
- Ergonomically designed driver's cockpit with switches and controls placed for drivers from 5th percentile female to 95th percentile male
- Driver's seat with fore/aft and up/down adjustments
- 3-point lap & shoulder belt with vertical adjustment

Optional Features

- Engine horsepower choices
- Rear air ride suspension
- Wheelchair lift door and power lift
- Wheelchair securement option for special-needs passengers
- Extended service coverage
- Lease/Purchase services

Dimensions

Headroom	77"	
Width Exterior	96"	
Width Interior	90 3/4"	
Skirt Length	19 3/4"	
Overall Length	406" - 490"	
Overall Height	122" - 128" depending on options	
Wheelbase/Passenger Capacity	CHILDREN	ADULTS
	189" = 66	189" = 40/44
	217" = 72	217" = 44/48
	245" = 78	245" = 48/52
	259" = 81	259" = 50/54
	273" = 84	273" = 52/56

Specifications shown were in effect on the date they were approved for printing. In keeping with its policy of continual product improvement, Blue Bird reserves the right to change specifications without notice and without incurring obligations. Some equipment and features shown may be optional- your Blue Bird Dealer will explain. AM-AARE-CNG-1212 © 2012 Blue Bird Corporation