



TECHNICAL SPECIFICATIONS



WE SPENT COUNTLESS HOURS
MAKING EVERY LINE ATTRACTIVE.
ESPECIALLY THE BOTTOM ONE.
THAT'S SMART!

At Nova Bus, we're driven by your city. But we're also driven to build sleek-looking buses that combine high performance with a competitive life cycle cost. And that's precisely what we're doing. From an engineering perspective, well, let's just say we don't take a back seat to anyone, with proven technologies, high fuel efficiency and easy maintenance.

NOVABUS
Driven by your city

NOVA LFS SPECIFICATIONS		
LENGTH	40.0'	62.0'
PROPULSION OPTIONS	ULSD, Hybrid, Natural Gas	ULSD, Hybrid
SEATING CAPACITY	Up to 41	Up to 62
LOADING CAPACITY (SEATED AND STANDING)	Up to 80	Up to 112
ELECTRIC/ELECTRONIC SYSTEM	Volvo Multiplex system (VBEA)	
STRUCTURE	Stainless steel	
OUTSIDE SHELL	Fiberglass and thermoplastic skirt panels	
ROOF-MOUNTED HVAC	Multiplex-controlled MCC heater MCC ECO353 Thermo King Athenia	
STOP HEIGHT	Not kneeled: 14.6" Kneeled: 11.6"	
WIDTH	102.0"	
HEIGHT (WITH A/C)	ULSD: 126.0" Hybrid: maximum 131.0" Natural Gas: 132.5"	ULSD: 126.0" Hybrid: maximum 131.0"
WHEELBASE	Front to rear axle: 244"	Front to mid axle: 244" Mid to rear axle: 253"
INTERIOR HEIGHT	93" excluding rear axle 74" over rear axle	
TURNING RADIUS (OUTSIDE BODY)	40' 10"	44' 8"
TIRES	305-70R22.5	Front & rear tires: 305-70R22.5 Mid tires: 385-55R22.5
FLOORING SYSTEM	Composite	
DOOR WIDTH	35" or 47"	
ENGINE OPTIONS	ULSD: Cummins ISL 8.9 280 HP Hybrid: Cummins ISL 8.9 280 HP or Cummins ISB 6.7 280 HP Natural Gas: Cummins ISL 8.9 280 HP	ULSD: Cummins ISL 8.9 330 HP Hybrid: Cummins ISL 8.9 330 HP
TRANSMISSION OPTIONS	ULSD: ZF EcoLife (6 speed) Allison B400R (6 speed) Voith D864.5E (4 speed) Hybrid: Allison H 40 EP BAE HDS200	ULSD: ZF EcoLife (6 speed) Allison B500R (6 speed) Voith D864.5E (4 speed) Hybrid: Allison H 50 EP BAE HDS300
AXLES	Front ZF RL-85 Rear ZF AV-132	Front ZF RL-85 Mid ZF AVN-132 Rear ZF AV-132
BRAKE SYSTEM	ABS all-wheel disc brakes with traction control	
FUEL TANK CAPACITY	ULSD: 125 US gal. Hybrid: 125 US gal. Natural Gas: 18.765 SFC (9 tanks, type 3)	ULSD: 125 US gal. Hybrid: 125 US gal.
RADIATOR	Nova eCooling - electric cooling system	

OPTIONS AVAILABLE:

- Suburban or shuttle applications
- Infotainment display center
- Overhead luggage racks
- Personal reading lamps
- Work tables
- Advanced information center
- Access ramp
- Wide doors
- Bike rack
- Flush-mounted windows
- Profiled roof treatment

These specifications are based on the latest product information available at press time and are subject to change. Contact your Nova Bus Regional Sales Manager for complete details on standard features and options available.

1-800-350-6682 | novabus.com

December 2014

NOVABUS
Driven by your city