

# LFS NATURAL GAS



## SMART TECHNOLOGY POWERED BY NOVA BUS

The LFS Natural Gas is based on the proven LFS platform and integrates the latest in natural gas technology. Its rooftop catwalk is designed to facilitate maintenance and inspection. With our Nova eCooling system, this vehicle scores high with fuel savings and defines a new generation of natural gas powered buses. That's Smart!

**NOVA BUS**  
Driven by your city

# LFS NATURAL GAS | SMART & CONVENIENT



## NATURAL GAS SYSTEM

- Smooth & safe roof panel opening system.
- Smart roof positioning of the 9 tanks to optimize weight distribution.
- Strong, wide, anti-skid catwalk designed for easy maintenance and inspections.
- Easily-accessible centrally-located tank valves.
- 20-year tank certification.



## FUEL MANAGEMENT MODULE

- Ingenious angled design for effortless filling.
- Second large, convenient access under the bus.
- Piping allows for superfast fill.
- Natural gas detection system and sensors integrated in the fuel compartment for maximum safety.

SPECIFICATIONS	LFS NATURAL GAS
LENGTH	40.0' (12.2 m)
HEIGHT (WITH CNG ROOF ENCLOSURES)	134.5" (342 cm)
APPROXIMATE CURB WEIGHT	30,700 lb (13 925 kg)
SEATING CAPACITY	Up to 41
LOADED CAPACITY (SEATED AND STANDING)	Up to 75
ELECTRIC/ELECTRONIC SYSTEM	Volvo multiplex system (VBEA)
CORROSION-RESISTANT OUTSIDE SHELL	Fiberglass and thermoplastic skirt panels
ROOF-MOUNTED HVAC	Thermo King Athenia with X430 compressor
STRUCTURE	Stainless steel
ENGINE	CNG Cummins ISL-g, 280 HP, 900 ft-lb
COMPRESSED NATURAL GAS (CNG) PROPULSION	Cummins certified (zone 1, EPA 2013)
RADIATOR	Nova eCooling System
AUXILIARY HEATING SYSTEM	Natural gas
AXLES	Front ZF RL-85   Rear ZF AV-132
BRAKES	ABS disc w/ traction control
FUEL TANK CAPACITY	9 type 3 roof-mounted tanks, 18,765 SCF Also available in option: type 4 tanks
TANK DIMENSION	16" x 80"

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 available options.