

# PROPANE AUTOGAS SCHOOL BUSES

## FINANCIAL COMMON SENSE FOR SCHOOLS



Lower total cost-of-ownership. A complete selection of quieter, safe buses from every leading brand. Infrastructure that fits the budget. Propane autogas buses check all the boxes for school transportation officials — without requiring costly facilities updates.

### LOWEST TOTAL COST-OF-OWNERSHIP

Transportation directors interested in long-term savings need to think beyond the pump. This is where propane autogas edges out diesel — by avoiding the typical “hidden costs” over a bus’s lifetime.

- **Fuel.** Propane autogas consistently costs less than diesel, even as fuel prices fluctuate.
- **Fluids.** Diesel buses need more oil by volume compared with propane autogas, increasing preventative maintenance costs. Diesel buses also require fuel conditioners to prevent clogging of fuel filters and lines.
- **Filters.** Diesel particulate filters are an added expense with diesel buses. The filters must be cleaned periodically to meet emissions requirements, causing extra downtime and maintenance costs.

The likelihood of downtime for repairs is even greater considering the complexity after-treatment systems add to a diesel engine.

### BUSES FROM YOUR PREFERRED MANUFACTURER

Good news: The manufacturer you already know for conventionally fueled buses also produces Type A and Type C propane autogas models.

- Blue Bird Type A Micro Bird and Type C Vision in partnership with Ford and Roush CleanTech.
- Collins Type A NexBus in partnership with General Motors and Clean Fuel USA.
- IC Bus CE Series school bus powered by the Power Solutions International LP propane engine.
- Thomas Built Type A Minotaur in partnership with General Motors and CleanFuel USA and Type C Saf-T-Liner in partnership with Powertrain Integration and CleanFuel USA.

## FLEXIBLE INFRASTRUCTURE



## TO MEET YOUR NEEDS

View more details about on-site refueling options at [propane.com/on-road-fleets/refueling](https://propane.com/on-road-fleets/refueling).



### SCALABLE INFRASTRUCTURE OPTIONS

Propane autogas providers specialize in helping fleets choose the right refueling option for their operation. The best refueling option depends on a fleet's size, routes, budget, and facilities. Propane autogas infrastructure uses the same pump and motor to handle a growing number of tanks and dispensers — allowing infrastructure to grow as a school adds buses. Private on-site refueling options include:

#### Standard Private Station

- Best for small fleets needing a central refueling location.
- A 1,000- to 2,000-gallon tank and a single dispenser, which can support up to 25 vehicles.

#### OPTION 1

##### PROPANE PROVIDER OWNS INFRASTRUCTURE

The fleet is responsible for site preparation: crash protection and electrical. The cost for this option ranges \$1,500–\$5,000.

#### OPTION 2

##### FLEET OWNS INFRASTRUCTURE

The fleet will need to account for purchasing the propane tank, pump, motor, and dispenser. The cost for this option ranges \$25,000–\$50,000 for infrastructure, plus \$1,500–\$5,000 for site preparation.

#### Advanced Private Station

- Best for large fleets needing a central refueling location.
- Larger tanks, a canopy, and multiple dispensers to support 25 vehicles or more.

#### OPTION 1

##### PROPANE PROVIDER OWNS INFRASTRUCTURE

The fleet is responsible for site preparation: crash protection and electrical for a two-dispenser setup. The cost for this option ranges \$3,000–\$7,500+.

#### OPTION 2

##### FLEET OWNS INFRASTRUCTURE

The fleet is responsible for the cost of a canopy, propane tank, pump, motor, and dispenser with card lock and vehicle tracking capability, which can vary based on the complexity of the station. The cost for this option ranges \$50,000–\$200,000 for infrastructure, plus \$3,000–\$7,500+ for site preparation.

### NO NEED TO MODIFY FACILITIES

Switching to propane autogas buses does not require school districts to modify their garage or repair facilities; propane autogas ventilation requirements, gas detection equipment, and electrical requirements are the same as those for gasoline and diesel buses.

Always contact the local Authority Having Jurisdiction for applicable codes regarding the building or modifying of a propane autogas vehicle repair or maintenance facility.

To learn more about propane autogas school buses, visit [propane.com/propaneautogasbuses](https://propane.com/propaneautogasbuses).