



# D30/C30LF



The D30LF and C30LF heavy duty transit buses offer all the features and durability of a larger bus, but in a smaller more economical format of 30'. This bus design is fully tested, proven and ready to move people to their destinations through any temperature or weather extreme found in North America.

### Construction

New Flyer uses a proven heavy duty monocoque frame. Construction is made with high tensile steel plate and tubing welded to produce the shell. The bus is extremely durable and engineered to provide long service life.

The D30LF uses a heavy duty diesel power plant while the C30LF is powered by natural gas.

### Ridership Comfort

The smaller format does not sacrifice passenger comfort. Passengers gain easy entry into these low floor buses through a forward curbside entry door. Seating configurations will accommodate up to 25 seats with two ADA-compliant wheelchair locations depending upon customer requirements.

Drivers will appreciate our ergonomically-designed driver controls, quick, easy handling and standard air ride driver's seat.

Physically-challenged riders will appreciate our easy-access front kneeling system and ADA-compliant wheelchair ramp system. Wheelchair accessibility is a simple easy transition from curbside to the wheelchair restraint system.

### Safety, Testing and Approvals

Safety is of utmost importance to New Flyer; nothing is left to chance. The New Flyer D30LF and C30LF are fully compliant with ADA, FMVSS/CMVSS standards and its design has been Altoona certified.

### The Innovator in Technology

The vehicle's electrical system (VCOM™) brings together the latest in automotive electronics and electrical networking for a fast, easy to maintain vehicle electrical system. It opens the door to maintenance labor savings, less downtime and easy upgradeability. A standard laptop makes diagnosis clean, direct and simple to perform.

### Maintenance

New Flyer uses reliable North American components designed for heavy-duty service. Large interior and exterior access panels allow for quick and easy maintenance. Modular design and commonality of parts with larger models simplifies maintenance and reduces operating costs. The wheelchair ramp is simple and fast to operate because the system incorporates an independent hydraulic system with very few moving parts.

**SPECIFICATIONS**

**D30LF**

**C30LF**

Length	30.5 ft. over bumpers 29.75 ft. over body	30.5 ft. over bumpers 29.75 ft over body
Width	102 in. over body	102 in. over body
Height	121 in. with roof top A/C	132 in. with CNG enclosure
Floor Height – Front Door	14.58 in. w/275 tires, 16.08 in. w/305 tires 11.5 in. kneeled	14.58 in. W/275 tires, 16.08 in. w/305 tires 11.5 in. kneeled
Interior Height – Floor to Ceiling	94 in. above front axle 77 in. above rear axle	94 in. above front axle 77 in. above rear axle
Tire Size	275/70R22.5 or 305/70R22.5 305 tires only for Canada	275/70R22.5 or 305/70R22.5 305 tires only for Canada
Aisle Width	24 in. minimum	24 in. minimum
Weight	CW: 24,500 to 25,000 lb. estimated depending on options GVWR: 37,920 lb. to 40,600 lb. depending on tire and axle options	CW 25,500 to 26,000 lb. estimated depending on options GVWR 37,920 to 40,600 lb. depending on tire and axle options
Approach Angle	8.24° w/275 tires	8.24° w/275 tires
Departure Angle	8.14° w/275 tires	8.14° w/275 tires
Breakover Angle	15.2° w/275 tires	11.65° w/275 tires
Turning Radius	29 ft.	29 ft.
Wheelbase	169.08 in.	169.08 in.
Number of Doors	1	1
Wheelchair Accessibility	600 lb. capacity (30.5 in. W x 44 in. L) flip-out ramp at front door	600 lb. capacity (30.5 in. W x 44 in. L) flip-out ramp at front door
Wheelchair Locations	2 – front section	2 – front section
Seats	Up to 25	Up to 25
Fuel Storage	80 useable US gallons, single tank	Four – 3023 scf each @ 3,600 psi (USA) 2654 scf each @ 3,000 psi (Canada)
Electrical System	VCOM™ using DeviceNet open standard	VCOM™ using DeviceNet open standard
Cooling System	Montreal Radiator: tested and certified to meet engine manufacturer's requirements	Montreal Radiator: tested and certified to meet engine manufacturer's requirements
Engine Options with Electronic Control (upon emission availability)	Detroit Diesel S40 – 250 hp. Cummins ISL – 250 hp.	Cummins C8.3+ NG – 250 hp
HVAC	Thermo King roof mounted	Thermo King T11 rear mounted
Axles	Meritor or MAN	Meritor or MAN
Transmission	Allison B300 R	Allison B300R

Information subject to change without notice.



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**Administration/  
Manufacturing**

711 Kernaghan Avenue  
Winnipeg, Manitoba  
Canada R2C 3T4  
tel 204 224.1251  
fax 204 224.4214  
www.newflyer.com

**New Flyer  
Customer Services  
Parts – Publications  
Service – Training**

25 DeBaets Street  
Winnipeg, Manitoba  
Canada R2J 4G5  
tel 204 982.8400

**Manufacturing  
Facilities**

214 – 5th Avenue SW  
Crockston, Minnesota  
USA 56716  
6200 Glenn Carlson Drive  
St. Cloud, Minnesota  
USA 56301



**We build transit solutions.**

An ISO9001:2000 company