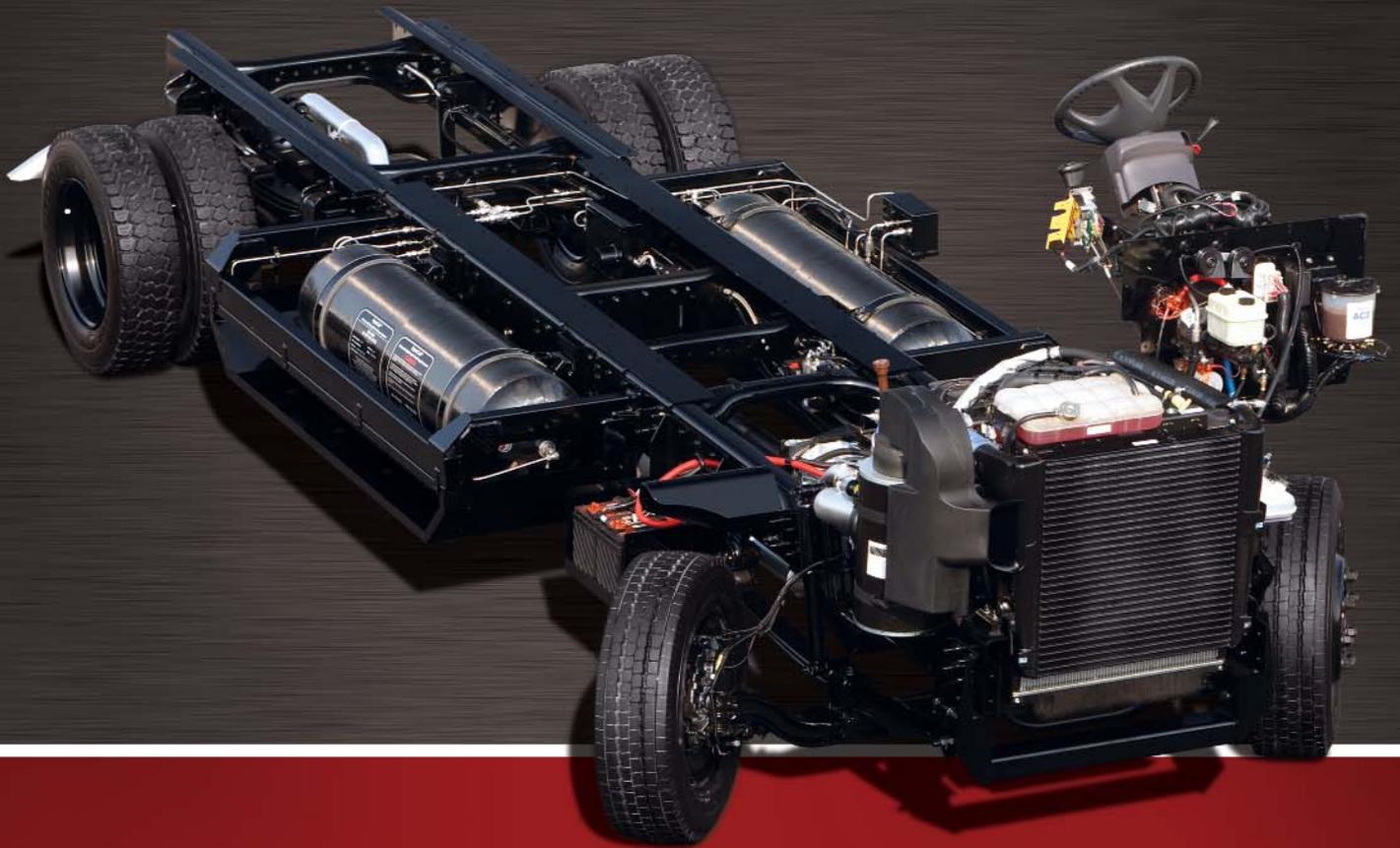




Driven By You

CNG Power

WALK-IN VAN CHASSIS



The Compressed Natural Gas (CNG) walk-in van chassis from Freightliner Custom Chassis Corporation (FCCC)

FCCC delivers the goods to businesses in major metropolitan areas, where reliability matters. And they do so while providing alternative fuel solutions. The benefits are immediate and long lasting:

- Significant reduction in emissions
- EPA-certified in all 50 states
- Dual 67" lightweight aluminum fuel cylinders with carbon fiber shells protected by a proprietary crash barrier and road-debris shield
- Industry-leading reliability and payload capacity
- MT-45 and MT-55 CNG chassis models available

STANDARD FEATURES AND OPTIONS: MT-45 & MT-55 CNG CHASSIS

Payload and Cargo Capacity to Spare

	MT-45 CNG CHASSIS	MT-55 CNG CHASSIS
Vehicle weight ratings:	14,990 lb. to 19,000 lb. (dual rear wheel)	20,500 lb. to 30,000 lb.
Engine:	Cummins® ISB B Gas Plus	Cummins® ISB B Gas Plus
Horsepower:	195 @ 1,600 rpm; optional 230 @ 2,800 rpm	195 @ 1,600 rpm; optional 230 @ 2,800 rpm
Torque:	420 lb./ft. @ 1,600 rpm; 500 lb./ft. @ 1,600 rpm w/ option	420 lb./ft. @ 1,600 rpm; 500 lb./ft. @ 1,600 rpm w/ option
Cooling system:	680 sq. in. downflow, front-mounted radiator; pre-mixed 50/50 ethylene glycol antifreeze to -35° F; ADC electric on/off fan clutch	680 sq. in. downflow, front-mounted radiator; pre-mixed 50/50 ethylene glycol antifreeze to -35° F; ADC electric on/off fan clutch
Engine equipment:	Forward-mounted oil check; frontal air intake with Farr® ECO BC air cleaner mounted on rail; Denso® 12-volt starter; Delco Remy® 145-amp, 24SI alternator; 2 batteries 1300 CCA	Engine-mounted oil check; frontal air intake with Farr® ECO BC air cleaner mounted on rail; Denso® 12-volt starter; Delco Remy® 145-amp, 24SI alternator; 2 batteries 1300 CCA
Optional Engine Equipment:	- Denso 130-amp alternator or Leece-Neville® 200-amp alternator - Phillips® 1,000-watt block heater	- Denso 130-amp alternator or Leece-Neville® 200-amp alternator - Phillips® 1,000-watt block heater
Transmission:	Allison® 1000 HS automatic with park pawl	Allison® 2100 HS series automatic
Optional transmission:	Allison 1000 RDS automatic transmission with PTO with park pawl	Allison 2100, 2200, 2500 HS/RDS; Automatic 2200 with park pawl
Exhaust:	Single horizontal inboard ATD with tailpipe exiting forward of rear axle, right-hand side	Single horizontal inboard ATD with tailpipe exiting forward of rear axle, right-hand side
Axes:		
Front:	AAC® AF-8.0-2, 8,000 lb. front axle	AAC® AF-8.0-2, 8,000 lb. front axle
Optional front axles:	Meritor MFS-08, 8,000 lb. front axle	AAC AF-10.0-3, 10,000 lb. front axle
Rear:	AAC ARS-13.0-2, 13,000 lb. rear axle; 4.10 ratio	AAC ARS-13.5-2, 13,500 lb. F-series rear axle; 4.10 ratio
Optional rear axles:	Meritor MS-12-113, 12,000 lb. rear axle; dual rear wheel; axle ratios: 4.30, 4.56	ARS-17.5-2, 17,500 lb.; ARS-19.0-2, 19,000 lb.; ARS-20.0-2, 20,000 lb.; Axle ratios: 4.33 4.56, 4.78 and 5.13
Suspension, steering, brakes:		
Front:	Flat leaf-spring, 5,790 lb., shock absorbers; front sway bar	Taper leaf-spring, 7,000 lb., shock absorbers
Optional front suspension:	6,000 lb. or 7,000 lb. flat leaf-spring	Taper leaf-springs, 8,000 lb., 9,000 lb. and 10,000 lb.
Rear:	Flat leaf-spring, 9,200 lb., shock absorbers	Flat leaf-spring, 13,500 lb., shock absorbers
Optional rear suspension:	Heavy-duty flat leaf-spring suspension rated 10,000 or 12,000 lb.; rear sway bar	Taper leaf-springs, 15,000 lb., 17,500 lb., 20,000 lb.
Steering:	TRW® steering column and steering gear; nominal 50° wheel cut (wheel cut will vary, based on optional equipment)	TRW steering column, steering gear; nominal 50° wheel cut (wheel cut will vary, based on optional equipment)
Brakes:	4-wheel 2.6" dual-piston hydraulic disc pin-slide brakes with ABS	4-wheel 2.6" dual-piston hydraulic disc brakes with ABS
Tires:	225/70R 19.5", 12-ply	245/70R 19.5", 14-ply
Wheels:	Accuride® 19.5" x 6" with 5" offset, white steel disc wheels, 6-ball seat	Accuride 19.5" x 6.75", 8 hub-pilot steel disc brakes
Optional tires and wheels:	Various available. Contact FCCC.	22.5" tires; 19.5" & 22.5" alum. wheels; 22.5" steel wheels
Frame:	8.0" x 3.0" x 0.25", 50,000 PSI, 7.35 section modulus	5/16" x 2 13/16" x 9 1/8", 80,000 PSI, 10.8 section modulus
Wheelbase:	158"	178"
Optional wheelbase:	178", 190", 208"	158", 190", 218", 250", 276"
Fuel System:	- Dual lightweight aluminum cylinders with carbon fiber shells rated at 3,600 PSI - Stainless steel fuel and vent lines - Smart electronic fuel disconnect safety switch - Proprietary crash barrier and road-debris shield	- Dual lightweight aluminum cylinders with carbon fiber shells rated at 3,600 PSI - Stainless steel fuel and vent lines - Smart electronic fuel disconnect safety switch - Proprietary crash barrier and road-debris shield
Cab and equipment:	Operator station; single electric horn; TRW straight, fixed steering column; four-spoke 18" charcoal steering wheel	Operator station; single electric horn; TRW straight, fixed steering column; four-spoke 18" charcoal steering wheel
Optional cab equipment:	- Tilt, tilt/telescopic TRW steering column - Cab A/C Prep Kit	- Tilt, tilt/telescopic TRW steering column - Cab A/C Prep Kit
Instrumentation:	Multiplex wiring instrument cluster; gauges include electronic fuel level, electronic engine coolant temperature, electronic engine-oil pressure, electronic speedometer with odometer, voltmeter, vehicle information display	Multiplex wiring instrument cluster; gauges include electronic fuel level, electronic engine coolant temperature, electronic engine-oil pressure, electronic speedometer with odometer, voltmeter, vehicle information display

SEE YOUR LOCAL FREIGHTLINER DEALER OR CALL US AT 1-800-545-8831 FOR DETAILS. YOU CAN ALSO VISIT OUR WEB SITE AT FREIGHTLINERCHASSIS.COM OR E-MAIL MTSALES@FREIGHTLINER.COM.

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