

# CNG SYSTEM INNOVATION

**135N AND 175N  
BACK OF CAB FUEL SYSTEMS**



**CLEAN FUEL  
TECHNOLOGIES™**

Cummins Clean Fuel Technologies' product line offers a variety of **natural gas** fuel delivery systems, including **side mount, back of cab, roof mount and tailgate**, that integrate with multiple body OEMs.

# FEATURES

## **AERODYNAMIC PERFORMANCE**

A new sloped roof design allows better airflow.

## **LIGHTWEIGHT DESIGN**

Our lightest system yet with a new extruded aluminum frame structure helps increase fuel efficiency.

## **FLEET CONNECTIVITY**

GreenLync® 3.0 offers 11 new safety features, on-board diagnostics with multiple setting screens, and an integrated 70-pin ECU housed inside IFMM.

## **INSTALLATION EFFICIENCY**

Fuel systems are dimensionally smaller for improved OEM fit and finish and easier installation for air shield devices.

## **WARRANTY ADVANTAGE**

The 135N and 175N will receive the same base warranty as the Cummins X15N engine, 2-years/250,000 miles.

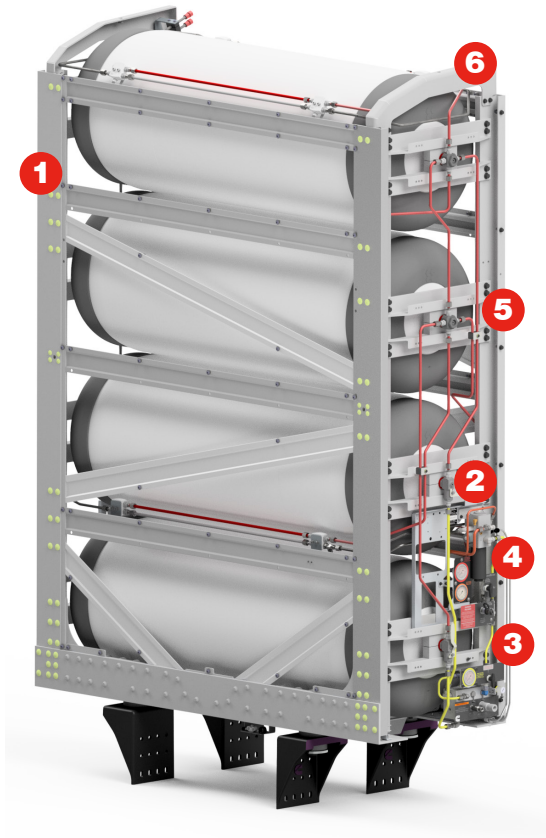
## **INTEGRATED FUEL MANAGEMENT MODULE (IFMM)**

- Piston-style regulator, heat exchanger and proprietary poppet technology offer superior flow characteristics.
- Proprietary anodized aluminum manifold system with integrated high-flow check valve.
- Standard transit-fill and time-fill fuel ports with front-bumper or passenger-side fueling options.
- Direct plug and play electrical interface for many chassis OEMs.
- Significantly lower PSI that allows fully-loaded operation down to 230 PSI, resulting in an increased range to competitive systems.
- Durable powder coated aluminum covers provide easy access for service and repairs.
- Standard GreenLync® 3.0 electronic system.



**135N**  
**175N**

BACK OF CAB FUEL SYSTEMS



## SPECIFICATIONS

1. Lightweight aluminum
2. Aluminum coolant tubes instead of silicone hoses for durability
3. Standard with fuel door ignition interlock
4. High-pressure fuel lines color coded
5. Comprehensive PRD array quickly vents fuel away from system in the event of fire
6. Cabinet heat detection

| FUEL CAPACITY                | DGE | 65N         | 80N         | 95N         | 135N        | 175N        |
|------------------------------|-----|-------------|-------------|-------------|-------------|-------------|
| Number and Size of Cylinders | EA  | (4) 16" dia | (5) 16" dia | (3) 22" dia | (3) 27" dia | (4) 27" dia |
| Water Volume                 | L   | 823         | 1062        | 1262        | 1737        | 2316        |
| Height                       | IN  | 74.56       | 92.56       | 74.06       | 87          | 115         |
| Depth                        | IN  | 19.63       | 19.63       | 26.09       | 29.89       | 29.89       |
| Width                        | IN  | 90.37       | 90.37       | 96.44       | 91.09       | 91.09       |
| System Empty/Full Weight     | LB  | 1400/1800   | 1900/2400   | 1850/2450   | 2038/2875   | 2472/3557   |

# BENEFITS

## **LIGHTWEIGHT DESIGN AND AERODYNAMICS**

In addition to the lightweight design, Cummins Clean Fuel Technologies® fuel systems are developed with features to enhance aerodynamics. We've gone the extra step and added body lines and rounded corners to match the OEM designs so the system looks as good as it performs.

## **ENGINEERED FOR FAST FILLING**

We engineered our system to maximize fill rates. Our design includes oversized plumbing with fewer bends and fittings and a high-flow ball valve.

## **DESIGNED FOR DURABILITY**

Rubber isolators between the system and frame rails minimize vibration and system shock, and a piano hinge on the door maintains strength and durability. And all systems come standard with neck-mounted tanks to eliminate abrasion and extend tank life.

## **INCREASED SERVICE INTERVAL**

The fuel filter incorporated into the regulator is 10 times larger than most competitive products and is built for extended maintenance intervals.

## **DRIVER CONFIDENCE**

Our exclusive GreenLync® 3.0 technology is the answer to fuel management and driver confidence. The temperature compensated fuel-level system reflects accurate gas and pressure levels, and drivers will not feel the need to make continual fuel top-offs on the road.

## **SAFETY BUILT IN**

From comprehensive pressure relief device arrays to color-coded high-pressure lines, safety is built into every system.



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**FOR  
A WORLD  
THAT'S  
ALWAYS ON™**