

Benchmark Performance and Service

Hydrogen Service Bays

FCEV (Fuel Cell Electric Vehicles)

We are defining the market for “Lighter Than Air” encapsulated enclosures for FCEV vehicle service. We design, build, and install enclosures that incorporating the proven safety features and procedures that form the core of a solid and fully customizable work zone that also has a well established history of safety, stability, and reliability. Take the next step in the evolution of vehicle service... safely!

Our Hydrogen Service Bays:

- Meet or Exceed All NFPA 2 Requirements!
- Meet or Exceed the Safety Standards Established By All US Vehicle Manufacturers For Use In Servicing Any “Lighter Than Air” Fuel Source Vehicles.
- Ensure Worker Safety.
- Have an Excellent R.O.I.



Bus/Train/Fleet Service Bay

Size: 14.0' Wide x 16.5' High x 47.5' Length



Automotive Service Bay - Single

Size: 14.5' Wide x 12' High x 22.5' Length



Truck & Large Equipment Service Bay

Size: 14.0' Wide x 14.5' High x 27.0' Length

Engineered for Your Safety.

Hydrogen Service Bay

Air Flow Description

Marathon Finishing Systems' Hydrogen Service Bays are made using 18 gauge galvanized steel panels, precision cut using CNC equipment.

Our Service Bays are assembled using solid nut & bolt construction, precision CNC punched every 6" on center of 2" companion flanges, resulting in a rugged structure, that is designed and built to meet or exceed NFPA and OSHA safety requirements.

All of our LED light fixtures are UL listed for their respective applications, and are properly placed throughout the work area to provide you with optimal lighting with minimum shadow casting, for a well lit safe work environment.

All of our service bays are designed to provide a superior user experience, with simple and safe operation, with simple maintenance using high quality components that are easy to source and easy to replace.

Marathon Finishing will design, build, and install a hydrogen service bay to your exact specifications, to fit your needs, and your available space.

Custom does NOT mean more expensive! All of our service bays are manufactured at our facility in Temecula, CA, and are equipped with high quality components from dependable American manufacturers that consistently deliver dependable and safe components.

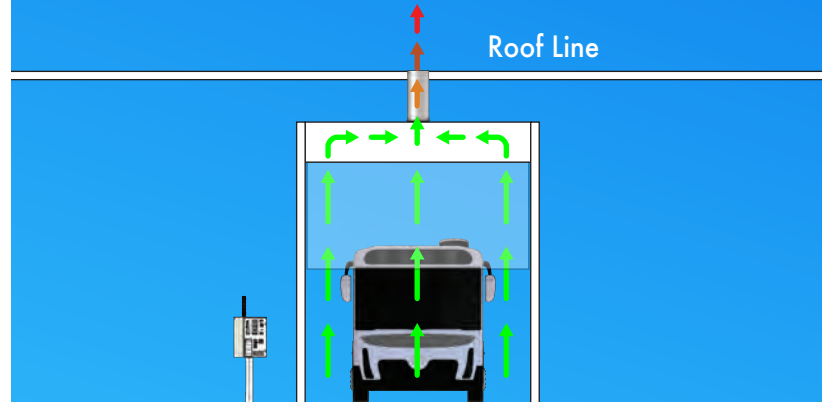
Every day.

Call Us Today at **310 791-5601**
for a Quote & More Information

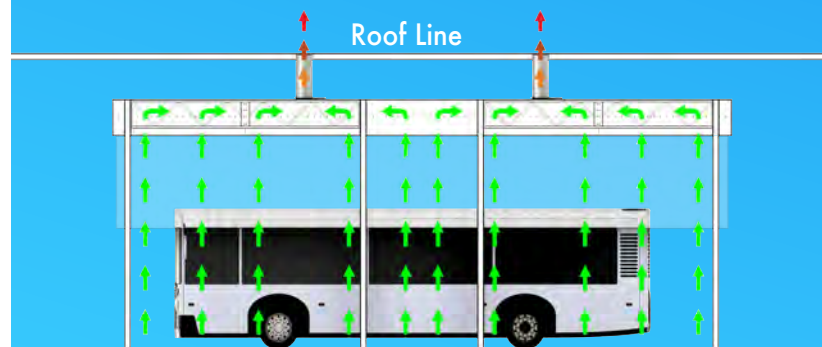


Hydrogen Service Bay Air Flow

During operations, air is drawn up and into the work area (inside the perimeter curtain). Sensors inside the hood are designed to monitor the environment, and will activate safety components and procedures will rectify any unsafe conditions that may occur **AUTOMATICALLY!**



Front View



Side View

Air, and any hydrogen gas that may have released or spilled travels up and out through the ducting, and is ultimately exhausted outside, above the roof line. The exhausted hydrogen gas disperses harmlessly into the outside atmosphere.

Hydrogen Service Bay

Features & Components



Fans & Motors

We provide fans and motors that are U.S.A. manufactured AMCA certified that have spark resistant aluminum blades. Our fans have high efficiency motors with belt-driven tubeaxial fans. The streamlined belt tunnel ventilates the drive compartment with air from outside the fan.



Rugged Steel Exhaust Hood

The exhaust hood is built using 18 gauge steel, and assembled with solid nut & Bolt construction, and is designed to capture and exhaust released hydrogen safely into the outside atmosphere, where it safely dispersed. This is a completely automated process for enhance safety.



C1D2 LED Lighting

We use UL Certified C1D2 Bright LED lighting. These lights are highly efficient, providing work areas with ample light with minimal shadowing. These lights have an exceptionally long service life and save on energy costs. Our lights include a full one year warrant from the manufacturer.



Hydrogen Sensor

This highly sensitive component monitors the work environment constantly, and triggers the critical safety components automatically to remove hydrogen gas that may have escaped or may have accumulated and may create a hazard.



Safety Curtain

The Rugged Goff industrial curtain creates a safety envelope that captures any released hydrogen and directs it into the exhaust hood, where it is exhausted outside the building and safely dispersed into the outside atmosphere. Many colors and styles for the curtain available.



Bus/Train/Fleet Hydrogen Service Bay

Size: 14.0' Wide x 16.5' High x 47.5' Length

Our Exclusive Automated Hydrogen Service Bay Main Control Panel



Our Hydrogen Service Bays are designed to fit your facility's specific environment perfectly. The following components and features are all UL/ULc certified and designed to work seamlessly with our unique fully automated controls, providing you with the highest levels of safety and performance:

- Automatic Safety Control Panel
- Integrated Gas Detection System
- Visual and Audio Alarms
- Bright and Highly Efficient LED Lighting
- Optimized Airflow Design with Dual Speed for Added Safety
- Minimal Full Load Amp Draw

Engineered to the Highest Standards

Hydrogen Service Bays - Marathon Finishing Systems



Call Us Today at **310 791-5601** for a Quote & More Information

Safety in Everything we Make!

Marathon
Finishing Systems

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