

Taking training to the next level.



At LION, we're passionate about redefining firefighter training to make it safer, cleaner, and more effective. We've taken that drive to a new level.

We've utilized our patented technology and decades of experience to create a new line of container-based props that give your students the best and most comprehensive training available. Whether your objective calls for a digital fire, live fire, or no fire at all, our units feature intelligent controls which make training evolutions easy to start, stop and repeat. That way, you decrease your downtime and increase your training time. Our moveable walls and props ensure you can change the layout between evolutions, so your trainees can safely and efficiently master the skill...not the scenario.

Since these units are modular and expandable, you can add future units as your training needs grow. And, because these units are built to last; you can rest assured they can withstand years of abuse. For added peace of mind, we offer a variety of service, maintenance, and training plans to keep your unit performing at peak condition.

We've built safety into every aspect of our units. Whether its gas-detection, temperature monitoring or water suppression, our robust, built-in safety system allows you to focus more on the training and less on the risk.

We're committed to helping you learn the skills you need. Trust LION for the best hands-on training solution that meets your unique needs and budget. From planning to construction to speedy delivery, LION's line of turnkey, container-based props can make your training objective a reality – and keep your people safe.

Smart Class B

TrainingReady™ Smart Class B

TECHNICAL SPECIFICATIONS

- **40' Premium Grade Container**
 - Exterior Dimensions (40' L x 8' W x 8.6' H)
 - Interior Training Room Dimensions (23.4' L x 7.1' W x 7.3' H)
 - Interior Hallroom Dimensions (7.1' L x 3.4' W x 7.6' H)
- **LION Advanced Control System**
- **LION High Temperature Protection System**
- **LION Safety System**
- **Simulator 1**
 - Stainless Steel Burn Tray & Pilot Plate with (1) prop
- **Simulator 2**
 - Roll Over Fire Simulation

SITE REQUIREMENTS

Fixed Site
Site Prep: Varies based on location and soil conditions. Options include:

1. Concrete blocks on crushed stone
2. Concrete footings/piers with crushed stone
3. Reinforced concrete slab on grade

Space Required: Minimum 60' x 30'
Gas: LION recommends a 1000-gallon propane tank
Electrical: 120V/208Y 3PH. permanent power or connect to generator with 11kW 208v 3PH.
Water: Minimum ½" water line

Mobile Site
Site Prep: Flat level ground with access
Space Required: 60' x 30'
Gas: Onboard 100-pound propane tanks. or connect to larger onsite propane tank
Electrical: Generator with 11kW 208v 3PH. or connect to 120V/208Y 3PH. permanent power
Water: Minimum ½" water line

SERVICE PLAN
To ensure long-term reliability and optimal performance of your training structure we highly recommend protecting your investment with a LION Service Plan.

In addition to maintenance, NFPA 1402 also recommends annual re-training of the primary operators of the facility.

The LION service team offers a variety of maintenance and training options to support safe, reliable training for the life of the facility.

- Service Plan Benefits:**
- Annual Onsite Service
 - Re-Training of Primary Operators
 - Remote Technical Support
 - Automatic Email Alerts for Safety and Performance Issues
 - Weekly Monitoring by a Service Advisor
 - After-Hours Support

LEARN MORE
To learn more about how LION's **TrainingReady™ Smart Class B** can help take your fire training program to the next level, contact your LION Fire Training representative and visit www.lionprotects.com/training-ready-units.



lionprotects.com/training-ready-units
1.888.428.5539



TrainingReady™ REALISTIC, VERSATILE & TURNKEY TRAINING UNITS



Smart Class B

TrainingReady™

Smart Class B



LION's **SMART CLASS B** Fire Technology is versatile, realistic, safe and highly repeatable.

This technology combines live fire with simulated smoke and can be turned on and off by the push of a button. This makes our units the perfect training ground for countless evolutions every single day. Our Smart Class B Technology registers the extinguishing performance of trainees and adjusts the fire behavior accordingly. If a fire is not knocked down correctly, the technology will let it rekindle or grow. This allows instructors to correct trainees during the drill and to teach proper attack and extinguishing techniques.

HMI Touchscreen & Control Panel



Wireless Remote

SAFETY SYSTEM

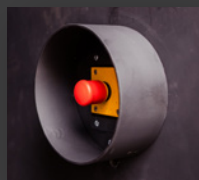
The units are always equipped with state-of-the-art safety, emergency and control systems with interlock and redundant features, for the highest level of safety and performance.



Gas Sensors



Temperature Sensors



Emergency Buttons



Safety Evacuation Lights



Audible and Visual Alarm



Ventilation System

CONTROL SYSTEM

The unit features **LION's Advanced Control System**.

An **HMI Touchscreen** enables advanced control and monitoring: display trend data, adjust prop settings, control safety lights and has visual indicators of all integrated systems.

A **Control Panel** has a key to turn on the system as well as general start, stop, and reset buttons.

A **Wireless Remote** has buttons to control the fire props, the ventilation, and safety system.

LION's TrainingReady Smart Class B was designed to enable consistent, repeatable live fire training in a controlled environment. It can be used to simulate nearly any fire behavior, including a rollover fire. Easily start and stop evolutions with the push of a button and rest assured in knowing the safety system is constantly monitoring the conditions of the training environment.

TRAINING OPPORTUNITIES

- Fire Attack
- Gas Cooling
- Nozzle Training
- Thermal Imaging Camera (TIC) Training
- Flow Path Training
- Reading the Smoke
- Transitional Attack Training
- Door Control
- Mayday Training



SMOKE GENERATION



HIGH TEMPERATURE PROTECTION SYSTEM



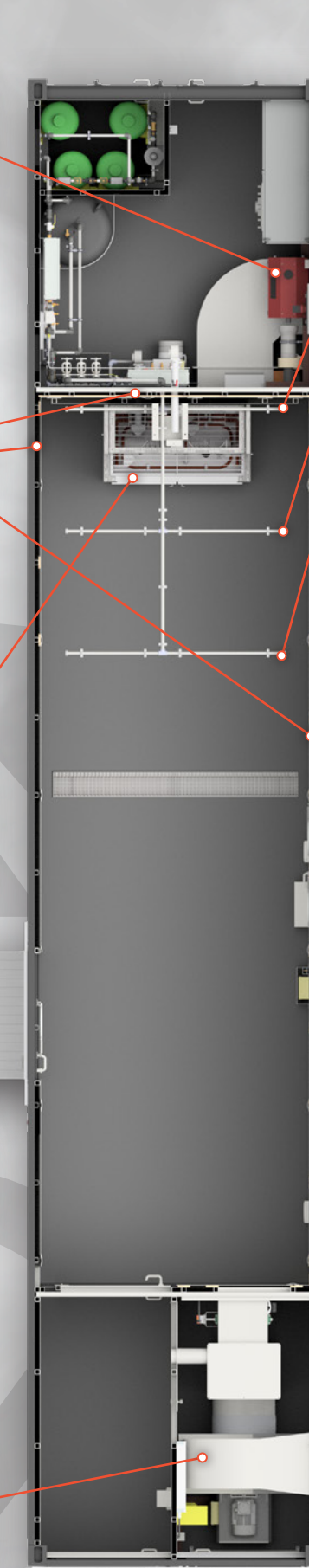
STAINLESS STEEL BURN TRAY & PILOT PLATE



INTERCHANGABLE FIRE PROPS



VENTILATION SYSTEM



ROLLOVER SIMULATOR

Key Unit Features

STAINLESS STEEL BURN TRAY & PILOT PLATE

Featuring a 3.5' x 1.5' burn tray with integrated gas burners the simulator allows users to select three different intensity levels and start and stop with the push of a button.

INTERCHANGEABLE FIRE PROPS

The simulator is designed to allow users to easily switch out the fire prop on the burn tray so you can vary your training scenario. One prop is included, and users can add more as their training needs change. Currently available props include a storage shelf, closet, medical cabinet, and workbench.

ROLLOVER SIMULATOR

Simulate the auto ignition of combustible gases in a safer and more controlled environment.

SMOKE GENERATION

To provided added realism this unit has been fitted with an SG4000™ Smoke Generator which provides thick dense smoke with extended hangtime.

HIGH TEMPERATURE PROTECTION SYSTEM

Each Smart Class B unit features a steel thermal layer on the walls of the burn room. The purpose of this is to insulate the room and prevents heat transfer to the structural walls thus extending the life of the trainer.

VENTILATION SYSTEM

When an Emergency Stop Button is engaged the ventilation system immediately kicks on to help with smoke evacuation. In addition to being an integral part of the safety system ventilation can also be leveraged during training to create realistic fire behavior and flow path. Simulate vent limited, bi-directional, neutral planes, and fuel limited fires.