

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 A

TrainingReady™

Smart Class A

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 Ultra-High Temperature Protection System**
- **LION Safety System**
- **Simulator**
 - Smart Class A Burn Crib with dual combustion technology and a water suppression system

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 A** can help take your fire training program to the next level, contact your LION Fire Training representative and visit lionprotects.com/training-ready-units.



lionprotects.com/training-ready-units

1.888.428.5539



TrainingReady™

REALISTIC, VERSATILE & TURNKEY TRAINING UNITS



Smart Class A

Smart Class A



SMART CLASS A FIRE technology provides wood-based fire training with dual-fuel-assisted gas ignition and a water suppression system.

The design delivers real heat and smoke, in a safe and controlled environment. Once the burn crib is ignited the fire growth progresses naturally as the wood on the walls and ceiling also ignite. Stopping the evolution is quick with the wireless controller, the water suppression will help extinguish the fire and the ventilation will begin evacuating the smoke. Although the wood is wet after being extinguished it can be reignited again immediately – without having to load more wood into the burn crib.

SAFETY SYSTEM

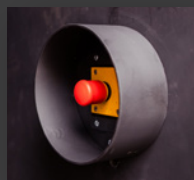
The units are equipped with state-of-the-art safety, emergency and control systems with interlock and redundant features, for the highest level of safety and performance.



Gas Sensors



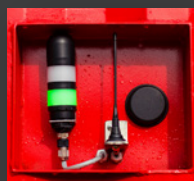
Temperature Sensors



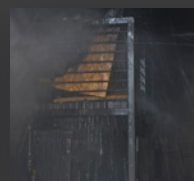
Emergency Buttons



Safety Evacuation Lights



Audible and Visual Alarm

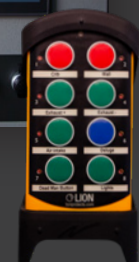


Water Suppression

HMI Touchscreen & Control Panel



Wireless Remote



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 A was designed for those looking to train on fire dynamics and to do so easier and safer than traditional training methods. 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 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



SMART CLASS A BURN CRIB

Key Unit Features

SMART CLASS A BURN CRIB

The unit features a Smart Class A Burn Crib which holds the Class A material. The crib has a built-in dual-fuel-assisted gas ignition, and a water suppression system. The integrated technology makes it easier and faster to train and cuts down on reset time between evolutions.

ULTRA-HIGH TEMPERATURE PROTECTION SYSTEM

Each Smart Class A unit features interlocking thermal refractory tiling in the burn room. The tiles insulate the room and prevent 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.



ULTRA-HIGH TEMPERATURE PROTECTION SYSTEM



VENTILATION SYSTEM