

MAX FIRE BOX



MAX FIRE TRAINING, INC.

INTRODUCTORY PACKET



MAX FIRE BOX

BURN & LEARN

Our vision at Max Fire Training, Inc. was to provide a fire behavior and thermal imaging training tool that would be a complete educational package. We wanted emergency responders to have the opportunity to witness critical fire behavior and thermal imaging objectives in a live fire environment. Our vision was also to allow instructors the opportunity to shorten their classroom fire behavior and thermal imaging lectures and bring fire behavior and thermal imaging to life. After years of research and development the patented Max Fire Box is now available to the fire service.



The most important asset of a fire department cannot be built, purchased or ordered. It is experienced, well trained and properly educated firefighter. Communities deserve to have properly trained firefighters available in time of need, but more importantly firefighters deserve to be properly trained prior to responding to their first working fire.

Unfortunately, before working in the field, a majority of firefighters haven't had the benefit of receiving fire behavior and thermal imaging training. Most often the cost and space required for a live burn facility prevents the firefighter from receiving any live burn training.

When firefighters are fortunate enough to participate in an acquired structure burn, instructors are limited in their ability to show critical fire behavior and thermal imaging objectives.

Every current and future firefighter deserves an opportunity to witness fire behavior and thermal imaging in a controlled environment, Max Fire Training, Inc. developed the Max Fire Box to solve the fire behavior and thermal imaging training problem every training instructor must overcome.

The Max Fire Box by Max Fire Training, Inc. interactively demonstrates essential fire behavior and thermal imaging objectives in a controlled environment. As fire behavior research is completed, scientific principles are understood and reinforced through repeatable experiments. There is no better way to demonstrate the scientific principles behind fire behavior and thermal imaging than to recreate them in a controlled, interactive learning environment.

When teaching fire behavior and thermal imaging shorten your classroom lecture "Burn & Learn" with The Max Fire Box and bring fire behavior and thermal imaging to life prior to your acquired structure burn.

Because of the interactive learning style your firefighters will stay more actively engaged in the training session. Instructors will not be competing with text messages, social media or a score of a sports team; firefighters will be busy using their phones to record multiple fire behavior and thermal imaging highlights of the live fire training the Max Fire Box provides.

The Max Fire Box comes as complete educational package with laminated easy to follow instructional and procedure manuals for the instructor and a portable drive with many additional training tools. The unit is equipped with all of the tools needed to assure both current and future firefighters are trained properly in fire behavior and thermal imaging.

Typically firefighters benefit from a hands on learning approach. That's why students have reacted so positively during training sessions using the Max Fire Box. The live fire and thermal imaging demonstrations allows firefighters the ability to view critical events that occur during a working fire in a way that cannot be matched during a video presentation.

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PHASE I

Package Includes:

- 1 - Max Fire Box Phase I
(Ceramic Coated Steel with Diamond Plate Finish)
- 1 - Portable Metal Stand Powder Coated
- 1 - Door
- 1 - Wrench/Socket
(For leveling the feet on the stand & attaching the unit to the stand)
- 1 - Portable Drive
(Train-the-Trainer Video & Educational Files for Your Classroom Sessions)
- 2 - Boxes of Fuel Loads
(Each Box Contains 3 Individually Wrapped Fuel Loads)
The basic package includes 2 boxes of fuel loads (6 Burns) we can fit up to 7 boxes of fuel loads (21 Burns) on the crate we ship.
- 1 - Water Application Bottle
- 1 - Laminated Instructions Reference Guide/Laminated Direction Manual

Unit Packaged in a 4' x 4' Crate & Shipped

Max Fire Box Phase I:

The Max Fire Box Crate weighs between 500 - 825 pounds. Crates ship by tractor trailer in a 4' x 4' crate. Weight of crate depends on the amount of fuel loads purchased. Crates ship out of the St. Louis Missouri Region. We ship worldwide. You also have the option to pick up the unit at our shop located in Alton, IL 62002. The unit will fit in back of pickup truck. Burn & Learn Train The Trainer will be completed at time of pick up.

The Max Fire Box Crate Phase I ships as a complete educational package. Prior to shipping, we verify the types of thermal imaging cameras you have in service and provide thermal imaging guides based upon the cameras you have in service at your FD. The portable drive also includes multiple educational files. Train the Trainer video and classroom educational files are on the portable drive.



Max Fire Box Phase I Fuel Loads:

Each box of fuel loads contains 3 individually wrapped fuel loads. Each box weighs 50 pounds.

When reordering fuel loads, we will research freight carriers. Often shipping rates of fuel loads are cheaper if at least 3 boxes are ordered. We offer crates of fuel loads in any quantity requested. If fuel loads supplied by Max Fire Training, Inc. are the only fuel loads utilized in the Max Fire Box, we provide a lifetime warranty.



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PHASE I

THERMAL IMAGING-VENTILATION ATTACHMENT

Max Fire Box Phase I Thermal Imaging-Ventilation Attachment

is an attachment that bolts onto the Max Fire Box Phase I. If you currently own the Max Fire Box Phase I and are interested in purchasing the attachment the following items will be shipped.

- Thermal Imaging-Ventilation Attachment
- Fixture for Mounting Attachment
- 2 Drill Bits
- 2 Clamps
- Direction Manual for Installing

Units manufactured after 12-01-22 have the holes drilled in the overhang of the Max Fire Box. Then the attachment will mount directly to the unit.

One of the contributing factors to firefighter line of duty deaths (LODDs) is uncoordinated ventilation. NIOSH has stated it as follows: "Ventilation, whether horizontal or vertical shall be coordinated with suppression." In the past, firefighters were trained to vent early and often. However, due to the modern combustibles which consist of high heat release rate fuels, this practice must be coordinated and properly understood to prevent further loss, injury or deaths.

The Thermal Imaging Ventilation Attachment will assist emergency responders with understanding the advantages and disadvantages of vertical and horizontal ventilation. Multiple Fire Behavior and Thermal Imaging objectives will also be highlighted with the attachment.

The attachment was designed and developed with the assistance of Insight Training, LLC Staff Andrew Starnes, Ragan Underwood and Kevin O'Donnell. During thermal imaging training at the Dallas Texas FD, the Insight Training, LLC Staff had a vision for creating the attachment for the Max Fire Box Phase I.

If you don't own the Max Fire Box Phase I, we offer the attachment as an add-on that can be shipped with purchase of the Max Fire Box Phase I Educational Package.

The Max Fire Box is made in the U.S.A., engineered to last and named after my son Max.



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PHASE II

Package Includes:

- 1 - First Floor MFB Burn Chamber with Breezeway and Attached Garage
- 1 - First Floor Garage Roof
- 1 - Second Floor MFB Burn Chamber
- 1 - First and Second Floor Roof
(Interchangeable Roof Installs on Both First and Second Floor)
- 1 - Portable Steel Stand
- 1 - 360° Swivel Base Bar with Lifting Crank
(For Installing First and Second Floor Roof, also used for Installing Second Floor onto First Floor when doing Two Story Burns)
- 1 - Lifting Bracket for Installing Second Floor onto First Floor
- 1 - Wrench/Socket
(For Attaching MFB to Portable Stand and Removing Fuel Loads)
- 1 - Pikepole
- 4 - Water Application Bottles
- 1 - Laminated Instructor Reference Guide-Directions Manual and Thermal Imaging Guide
- 1 - Portable Drive
(Train-the-Trainer Video and Educational Files)
- 1 - Train-the-Trainer Session
(When crate ships training session will be scheduled.

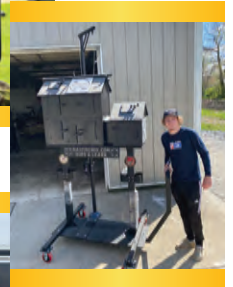
This 1-day training session will start with classroom lecture reviewing fire behavior and thermal imaging. Upon completion of lecture multiple Max Fire Box Phase II burns will be completed.)

Fuel Loads:

- 6 - First Floor Burns
- 6 - Second Floor Burns
- 2 - Max Fire Box Phase II Garage Fuel Loads
(Each box contains 4 individually wrapped fuel loads.)

Max Fire Box Phase II

Ships by tractor trailer in two crates. Each crate weighs 1000 pounds. Crates ship out of the St. Louis Missouri region. We ship worldwide.



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FUEL LOADS

Max Fire Box Phase I Fuel Load For the Max Fire Box Phase I

MFB Phase I Fuel Load, Contains 3 Fuel Loads
You need 1 Fuel Load for 1 Burn



Max Fire Box Phase II (Set up for a 1 Story Burn)

This box contains everything needed to do a 1 Story Burn.



Max Fire Box Phase II (Set up for a 2 Story Burn)

You need both boxes of fuel loads
for the 2 Story Burn.



Max Fire Box Phase II set up as a 2 Story Burn.

The 1 Story Fuel Load and 2 Story Fuel Load was used for this burn. When the burn was completed, we only replaced the garage fuel load. The 1 Story and 2 Story Fuel Loads was still good after the burn.

You will get multiple burns with the 1 Story and 2 Story Fuel Loads if only burn the garage. You will also get fire behavior extension throughout the Max Fire Box with only replacing the garage fuel load.



Phase II Garage Fuel

The box contains
4 garage fuel loads.

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TESTIMONIALS

Kentucky Fire Commission
about 4 months ago

This week we are featuring our Max Fire Box training units. Max Fire Box are an aid for promoting fire service training regarding fire and smoke behavior. They are designed to provide a realistic simulation of fire behavior in a controlled setting. Firefighters will learn to not only recognize the signs of changing environments, but also recognize what factors cause the environment to change. By using the Max Fire Boxes and thermal imaging cameras, firefighters can learn ho... [See more](#)



"One of the best props I have ever used. Hands down! It turns fire science into one of the funnest subjects to teach and keeps the students attention!"
-Captain Ince
Angleton Texas



The Max Fire Box is a game-changing fire service training tool that our department is excited to have. When we saw the teaching capabilities of the Max Fire Box, we were impressed with how versatile of a training aide it truly is. In a single burn, you can teach fire progression, how to read smoke, conduct TIC training, and demonstrate fire suppression tactics. The Max Fire Box gives you a visual learning experience that is unique.
-Captain Odell Buda Texas FD

Liberty County Fire Services
17h

This morning Shawn Bloemker with Max Fire Box Training came down to assemble and demonstrate our new Max Fire Box Phase II. This will be a huge asset to our department. Thanks again Shawn.



Brian Edwards
Outstanding work yesterday Sir. Your passion for this craft is inspiring. Im glad I got to sit in on the class with you. What an Outstanding tool to help teach folks!

Fantastic piece of equipment! You can't recreate the fire and smoke behavior during a NFPA 1403 Burn that the Max Fire Box can. Every firefighter should witness a Max Fire Box burn.
Chief Fling
Dix Hills FD Long Island, NY



ACTC Firefighting
2d

Great to work with such an amazing company that is so passionate about teaching Thermal Imaging and teaching firefighter safety. An excellent example of true customer service at its finest!

Max Fire Box
Posted by Shawn Bloemker
2d

Thank you Anderson Career and Technology Center Firefighting Program for hosting our Max Fire Box Phase II Burn & Learn... [See more](#)



Loveland Fire Rescue @LovelandFRA - Jun 8

Great learning taking place with @ktf_west and @MaxFireBox this week at the #Loveland Fire Training Center!



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