2026 EDITION

UNHINGED®

PRODUCT CATALOG

Modular Training Systems for Law Enforcement,
Fire Rescue & Military Agencies

PROUDLY MADE IN THE USA

3251 PROGRESS DRIVE, SUITE 111, ORLANDO, FL 32826 | 888-835-7009 | UNHINGEDUSA.COM

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2026

PRODUCT LINE

Modular Training Systems

UNHINGED®

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UNHINGED, LLC
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TECHNICAL DATA SHEET

STANDARD WALL PANEL 3'×7'

SKU:
UH-WP-037

PRODUCT CATEGORY:
Modular Training Systems



PRODUCT OVERVIEW

Product General Description

The UNHINGED® Standard Wall Panel is the foundation of the UNHINGED® Modular Training System — a 3' x 7' building block for realistic, customizable training environments for law enforcement, fire rescue, military, and tactical response teams.

- **Single-Operator Setup –** Lightweight 65 lb. panel designed for rapid deployment and reconfiguration by one person.
- **Create Realistic Interior Features –** Build dead space, room dividers, hallways, and furniture layouts to increase scenario realism.
- **Roof-Capable Design –** Can be incorporated into overhead roof structures for fully enclosed training environments.
- **Core Structural Component –** The foundational panel used to construct virtually all vertical and horizontal UNHINGED® training configurations.

SPECIFICATIONS

Panel Specifications

PANEL DIMENSIONS **3' W x 7' H x 3.875" D**	PANEL WEIGHT **65 lbs**	EXTERIOR MATERIAL **High-Impact ABS, 1/8" Skin**
CORE MATERIAL **Closed-Cell Structural Foam**	FRAME MATERIAL **Pultruded FRP (Polyglas F)**	CONNECTION SYSTEM **HLOX® Tool-Less**



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TECHNICAL DATA SHEET

HALF WALL
PANEL 3'×4'

SKU:
UH-HW-034

PRODUCT CATEGORY:
Modular Training Systems



PRODUCT OVERVIEW

Product General Description

The UNHINGED® 3' x 4' Panel is a versatile building component designed to expand the capabilities of your training environment. Ideal for horizontal configurations, it helps create furniture, partial walls, and unique interior layouts while adding stability and realism to custom builds.

- **Versatile Configurations:** Perfect for horizontal wall builds, furniture, shelving, counters, and other custom training features.
- **Enhances Structural Stability:** Provides additional support for horizontal layouts while maintaining the modular flexibility of the system.
- **Creates Dynamic Training Spaces:** Build half walls, partitions, closets, storage areas, and other unique interior features to increase training realism.
- **Expands Build Possibilities:** Integrates seamlessly with standard panels and support units to create more realistic, mission-specific floor plans.

SPECIFICATIONS

Panel Specifications

PANEL DIMENSIONS **3' W x 4' H x 3.875" D**	PANEL WEIGHT **40 lbs**	EXTERIOR MATERIAL **High-Impact ABS, 1/8" Skin**
CORE MATERIAL **Closed-Cell Structural Foam**	FRAME MATERIAL **Pultruded FRP (Polyglas F)**	CONNECTION SYSTEM **HLOX® Tool-Less**



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TECHNICAL DATA SHEET

LONG WALL
PANEL 6'×7'

SKU:
UH-WP-067

PRODUCT CATEGORY:
Modular Training Systems



PRODUCT OVERVIEW

Product General Description

The UNHINGED® Long Wall Panel is an extended 6' x 7' modular wall panel built for larger layouts and to simulate furniture, such as beds and tables, when paired with support units. It's also well suited for use in roofing your builds.

- **Two Person Setup:** At 116 lbs and 6' wide, it can be handled solo, but two people are recommended for faster, easier setup and reconfiguration.
- **Create Realistic Interior Features:** Build dead space, room dividers, hallways, and furniture layouts to increase scenario realism.
- **Roof Ready Design:** Well suited for use in overhead roof structures to create fully enclosed training environments.
- **Extended Coverage:** Extends builds quickly across bigger rooms and larger layouts, and simulates furniture such as beds and tables when paired with support units.

SPECIFICATIONS

Panel Specifications

PANEL DIMENSIONS **6' W x 7' H x 3.875" D**	PANEL WEIGHT **106 lbs**	EXTERIOR MATERIAL **High-Impact ABS, 1/8" Skin**
CORE MATERIAL **Closed-Cell Structural Foam**	FRAME MATERIAL **Pultruded FRP (Polyglas F)**	CONNECTION SYSTEM **HLOX® Tool-Less**



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TECHNICAL DATA SHEET

EXPANDABLE WALL PANEL 3' TO 5'

SKU:
UH-EW-037

PRODUCT CATEGORY:
Modular Training Systems



PRODUCT OVERVIEW

Product General Description

Expanding wall panel that adjusts from 3 feet to 5 feet. Assists when completing a wall run within existing structures.

- **Adjustable Width:** Expands from 3 feet to 5 feet to close gaps precisely within a build.
- **Fits Existing Structures:** Ideal for completing a wall run inside already built or irregular spaces.
- **Tool Free Assembly:** Uses the same HLOX connection system as the rest of the UNHINGED lineup.
- **Modular Compatibility:** Integrates seamlessly with standard and long wall panels for custom layouts.

SPECIFICATIONS

Panel Specifications

PANEL DIMENSIONS **3' to 5' W (Adjustable) x 7' H x 3.875" D**	PANEL WEIGHT **115 lbs**	EXTERIOR MATERIAL **High-Impact ABS, 1/8" Skin**
CORE MATERIAL **Closed-Cell Structural Foam**	FRAME MATERIAL **Pultruded FRP (Polyglas F)**	CONNECTION SYSTEM **HLOX® Tool-Less**







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TECHNICAL DATA SHEET

STANDARD WALL
W/ WINDOW 3'×7'

SKU:
UH-W-037

PRODUCT CATEGORY:
Modular Training Systems



PRODUCT OVERVIEW

Product General Description

Standard 3' x 7' wall with a window opening 42 inches from the ground, 20 inches wide by 28 inches tall.

- **Realistic Window Opening:** Positioned 42 inches from the ground and sized 20 inches wide by 28 inches tall — the same specifications as the Denver Drill, making this panel a true-to-scale training prop.
- **Forcible Entry Integration:** Forcible entry window hardware can be integrated into this panel, giving crews a dedicated opening for forcible entry training.
- **Confined Space Ready:** Configurable as a confined space opening in both vertical and horizontal orientations.
- **Same Footprint as Standard Wall:** Drops into any 3' x 7' layout without changing your build plan.
- **Tool Free Setup:** Uses the same HLOX connection system as the rest of the UNHINGED lineup.

SPECIFICATIONS

Panel Specifications

PANEL DIMENSIONS	PANEL WEIGHT	EXTERIOR MATERIAL
3' W x 7' H x 3.875" D	**70.5 lbs**	**High-Impact ABS, 1/8" Skin**
CORE MATERIAL	FRAME MATERIAL	CONNECTION SYSTEM
Closed-Cell Structural Foam	**Pultruded FRP (Polyglas F)**	**HLOX® Tool-Less**



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TECHNICAL DATA SHEET

LONG WALL
W/ WINDOW 6'×7'

SKU:
UH-W-067

PRODUCT CATEGORY:
Modular Training Systems



PRODUCT OVERVIEW

Product General Description

The UNHINGED® 6' x 7' Window Panel brings full-size window realism to any UNHINGED® training configuration. Featuring a 36” × 40” opening, it creates authentic sightlines, communication points, and access challenges while allowing agencies to integrate compatible forcible entry training windows for expanded training capabilities.

- **Full-Size Window Opening:** Features a realistic 36” × 40” opening that closely replicates residential and commercial window dimensions.
- **Forcible Entry Compatible:** Designed to accept compatible forcible entry window inserts, allowing agencies to incorporate breaching and rescue training into their builds.
- **Enhanced Training Realism:** Creates realistic observation points, victim access, communication positions, and exterior entry scenarios.
- **Versatile Integration:** Seamlessly connects with the UNHINGED® modular wall system to expand floor plans and increase scenario variety.

SPECIFICATIONS

Panel Specifications

PANEL DIMENSIONS **6' W x 7' H x 3.875" D**	PANEL WEIGHT **118 lbs**	EXTERIOR MATERIAL **High-Impact ABS, 1/8" Skin**
CORE MATERIAL **Closed-Cell Structural Foam**	FRAME MATERIAL **Pultruded FRP (Polyglas F)**	CONNECTION SYSTEM **HLOX® Tool-Less**



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TECHNICAL DATA SHEET

SUPPORT UNIT
1'x3'

SKU:
UH-SU-013

PRODUCT CATEGORY:
Modular Training Systems



PRODUCT OVERVIEW

Product General Description

The UNHINGED® 1'x3' Support Unit adds strength, flexibility, and structural support to your training layouts without sacrificing portability. Whether used to reinforce long wall runs, create offsets, or increase design possibilities, it seamlessly integrates with the UNHINGED® modular wall system to expand your training environment.

- **Enhanced Stability:** Provides additional support for horizontal builds, increasing rigidity while maintaining the system's quick, tool-free setup.
- **Realistic Interior Features:** Build furniture, partitions, and other interior elements to create more immersive and realistic training environments.
- **Seamless Integration:** Connects directly with the UNHINGED® modular wall system, expanding your layout without adding complexity.

SPECIFICATIONS

Unit Specifications

UNIT DIMENSIONS **1' W x 3' H x 3.875" D**	UNIT WEIGHT **16.5 lbs**	EXTERIOR MATERIAL **High-Impact ABS, 1/8" Skin**
CORE MATERIAL **Closed-Cell Structural Foam**	FRAME MATERIAL **Pultruded FRP (Polyglas F)**	CONNECTION SYSTEM **HLOX® Tool-Less**



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TECHNICAL DATA SHEET

SUPPORT UNIT
1'x4'

SKU:
UH-SU-014

PRODUCT CATEGORY:
Modular Training Systems



PRODUCT OVERVIEW

Product General Description

The UNHINGED® 1'x4' Support Unit is a versatile structural component that expands the capabilities of the UNHINGED® training system. Designed to seamlessly connect horizontally mounted panels with vertical doors, windows, and wall sections, it strengthens complex builds while allowing instructors to create more realistic, detailed, and immersive training environments.

- **Structural Reinforcement:** Adds stability and rigidity to wall assemblies, helping maintain solid, reliable builds during demanding training scenarios.
- **Horizontal Panel Integration:** Connects horizontally mounted panels to vertical doors, windows, and wall sections, expanding layout possibilities.
- **Enhanced Training Environments:** Creates alcoves, offsets, and other unique architectural features that increase realism and training complexity.
- **Multi-Purpose Design:** Can be used to construct furniture, counters, closets, and other interior features that add realism and challenge to any scenario.

SPECIFICATIONS

Unit Specifications

UNIT DIMENSIONS **1' W x 4' H x 3.875" D**	UNIT WEIGHT **20.5 lbs**	EXTERIOR MATERIAL **High-Impact ABS, 1/8" Skin**
CORE MATERIAL **Closed-Cell Structural Foam**	FRAME MATERIAL **Pultruded FRP (Polyglas F)**	CONNECTION SYSTEM **HLOX® Tool-Less**



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TECHNICAL DATA SHEET

SUPPORT UNIT
1'×7'

SKU:
UH-SU-017

PRODUCT CATEGORY:
Modular Training Systems



PRODUCT OVERVIEW

Product General Description

The UNHINGED® 1'x7' Support Unit adds strength, flexibility, and structural support to your training layouts without sacrificing portability. Whether used to reinforce long wall runs, create offsets, or increase design possibilities, it seamlessly integrates with the UNHINGED® modular wall system to expand your training environment.

- **Enhanced Stability:** Provides additional support for long wall spans, increasing rigidity while maintaining the system's quick, tool-free setup.
- **Realistic Interior Features:** Build closets, furniture, partitions, and other interior elements to create more immersive and realistic training environments.
- **Precision Floor Plans:** Allows instructors to accurately replicate existing buildings and construct exact floor plans for site-specific training.
- **Expanded Configuration Options:** Unlocks additional layout possibilities by creating offsets, alcoves, narrow hallways, and other unique room configurations.
- **Seamless Integration:** Connects directly with the UNHINGED® modular wall system, expanding your layout without adding complexity.

SPECIFICATIONS

Unit Specifications

UNIT DIMENSIONS	UNIT WEIGHT	EXTERIOR MATERIAL
1' W x 7' H x 3.875" D	**34.5 lbs**	**High-Impact ABS, 1/8" Skin**
CORE MATERIAL	**FRAME MATERIAL**	**CONNECTION SYSTEM**
Closed-Cell Structural Foam	**Pultruded FRP (Polyglas F)**	**HLOX® Tool-Less**



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TECHNICAL DATA SHEET

SUPPORT UNIT
2'×7'

SKU:
UH-SU-027

PRODUCT CATEGORY:
Modular Training Systems



PRODUCT OVERVIEW

Product General Description

The UNHINGED® 2'x7' Support Unit adds strength, flexibility, and structural support to your training layouts without sacrificing portability. Whether used to reinforce long wall runs, create offsets, or increase design possibilities, it seamlessly integrates with the UNHINGED® modular wall system to expand your training environment.

- **Enhanced Stability:** Provides additional support for long wall spans, increasing rigidity while maintaining the system's quick, tool-free setup.
- **Realistic Interior Features:** Build closets, furniture, partitions, and other interior elements to create more immersive and realistic training environments.
- **Precision Floor Plans:** Allows instructors to accurately replicate existing buildings and construct exact floor plans for site-specific training.
- **Expanded Configuration Options:** Unlocks additional layout possibilities by creating offsets, alcoves, narrow hallways, and other unique room configurations.
- **Seamless Integration:** Connects directly with the UNHINGED® modular wall system, expanding your layout without adding complexity.

SPECIFICATIONS

Unit Specifications

UNIT DIMENSIONS	UNIT WEIGHT	EXTERIOR MATERIAL
2' W x 7' H x 3.875" D	**49.5 lbs**	**High-Impact ABS, 1/8" Skin**
CORE MATERIAL	**FRAME MATERIAL**	**CONNECTION SYSTEM**
Closed-Cell Structural Foam	**Pultruded FRP (Polyglas F)**	**HLOX® Tool-Less**



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TECHNICAL DATA SHEET

QUICKFLIP
DOOR 3'×7'

SKU:
UH-D-037

PRODUCT CATEGORY:
Modular Training Systems



PRODUCT OVERVIEW

Product General Description

The QuickFlip™ Door delivers unmatched versatility by allowing instructors to reconfigure door orientation in seconds. Built to the same dimensions as a standard 3' x 7' panel, it seamlessly integrates into any UNHINGED® layout, while its patent-pending design allows the door to be converted from inward- to outward-swinging and from left- to right-hand operation in seconds.

- **Patent-Pending QuickFlip™ Technology:** Convert the door from inward- to outward-swinging and from left- to right-hand operation in seconds to support a wide variety of training scenarios.
- **Interchangeable Design:** Sized identically to a standard 3' x 7' panel, allowing it to be quickly swapped with any standard panel throughout a build.
- **Expand Training Possibilities:** Instantly change door configurations to create new layouts, challenge students, and increase scenario realism.
- **Rapid Scenario Reconfiguration:** Change door orientation in seconds to keep training evolving without rebuilding the structure.

SPECIFICATIONS

Panel Specifications

PANEL DIMENSIONS **3' W x 7' H x 3.875" D**	PANEL WEIGHT **84 lbs**	EXTERIOR MATERIAL **High-Impact ABS, 1/8" Skin**
CORE MATERIAL **Closed-Cell Structural Foam**	FRAME MATERIAL **Pultruded FRP (Polyglas F)**	CONNECTION SYSTEM **HLOX® Tool-Less**







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TECHNICAL DATA SHEET

WALL CHANNEL

SKU:
UH-WC-001

PRODUCT CATEGORY:
Accessories



PRODUCT OVERVIEW

Product General Description

The patent-pending UNHINGED® Wall Channel integrates the modular wall system directly with pre-existing structures, creating a fast and secure connection point for UNHINGED® components. Manufactured from the same pultruded FRP used in our wall system, the Wall Channel can be mounted to a variety of existing surfaces, including wood, concrete, and steel. Integrated HLOX slots allow wall panels, windows, and doors to connect vertically or horizontally, adding greater flexibility and functionality to existing training environments.

- **Integrates Existing Structures:** Creates a secure connection point between the UNHINGED® system and pre-existing walls or structures.
- **Multiple Mounting Surfaces:** Can be mounted to a variety of substrates, including wood, concrete, and steel.
- **Vertical or Horizontal Connections:** Integrated HLOX slots allow wall panels, windows, and doors to attach in either orientation.
- **Tool-Less System Connection:** Once the Wall Channel is installed, UNHINGED® components connect using HLOX, maintaining the system's fast, tool-less setup and reconfiguration.
- **Pultruded FRP Construction:** Manufactured from the same durable pultruded FRP used throughout the UNHINGED® wall system.
- **Expanded Training Flexibility:** Incorporates existing walls and structures into modular layouts, creating more configuration possibilities while maximizing the training space already available on site.

SPECIFICATIONS

Unit Specifications

DIMENSIONS	WEIGHT	MATERIAL
3.875" W x 84" H	12.5 lbs	Pultruded FRP



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TECHNICAL DATA SHEET

HLOX

SKU:
UH-HLOX-001

PRODUCT CATEGORY:
Modular Training Systems



PRODUCT OVERVIEW

Product General Description

The patent-pending UNHINGED® HLOX Connection System is the foundation of the UNHINGED® modular training system. CNC machined from stainless steel, HLOX securely brings wall panels, support units, doors, and other system components together without the need for tools, hardware, or additional fasteners. Simple, strong, and purpose-built, HLOX is all that is needed to assemble, reconfigure, and break down the UNHINGED® system.

- **Complete Tool-Less Setup:** HLOX eliminates the need for drills, wrenches, bolts, or other tools during system assembly.
- **Single Connection System:** One connection method brings the entire UNHINGED® system together, simplifying setup, reconfiguration, and breakdown.
- **CNC Machined Stainless Steel:** Precision machined from stainless steel for strength, durability, and consistent performance in demanding training environments.
- **Patent-Pending Design:** The proprietary HLOX connection system is a patent-pending UNHINGED® technology engineered specifically for our modular training platform.

SPECIFICATIONS

Unit Specifications

DIMENSIONS	WEIGHT	MATERIAL
7" L x 2.5" W	0.5 lbs	Stainless Steel



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TECHNICAL DATA SHEET

CART
3'×7'

SKU:
UH-C-037

PRODUCT CATEGORY:
Optional Accessories



PRODUCT OVERVIEW
Product General Description

The UNHINGED® 3' x 7' Cart is designed to simplify the transportation and storage of your UNHINGED® training system. Matching the footprint of a standard 3' x 7' panel, the cart utilizes the patented HLOX™ locking system to securely retain panels during transport and storage. Whether moving the system between training locations or organizing it between uses, the 3' x 7' Cart makes deployment faster and more efficient.

- **Secure HLOX™ Storage:** Panels lock directly into the cart using the patented HLOX™ locking system for secure transport and organized storage.
- **Built for Mobile Training:** Ideal for agencies that frequently deploy their system, making transportation between training locations quick and efficient.
- **Commercial-Grade Mobility:** Equipped with six heavy-duty commercial-grade caster wheels for smooth movement across a variety of indoor surfaces.
- **Efficient Organization:** Doubles as a storage solution, keeping panels organized, protected, and ready for rapid deployment.

SPECIFICATIONS
Cart Specifications

CART DIMENSIONS **3' W x 7' H x 3.875" D**	CART WEIGHT **75 lbs**
FRAME MATERIAL **Pultruded FRP (Polyglas F)**	CONNECTION SYSTEM **HLOX® Tool-Less**



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WARRANTY

3-YEAR LIMITED WARRANTY

COVERAGE PERIOD

3 Years from Date of Purchase

COVERAGE TYPE

Manufacturing Defects Only

UNHINGED®

3YR

LIMITED WARRANTY

UNHINGED® 3-YEAR LIMITED WARRANTY

TERMS & CONDITIONS

UNHINGED® warrants its training system to be free from defects in materials and workmanship for a period of three (3) years from the date of original purchase. During this warranty period, UNHINGED® will, at its discretion, repair or replace any product determined to be defective due to manufacturing issues. This warranty covers manufacturing defects only.

This warranty does not cover damage resulting from misuse, modification, improper installation, neglect, cosmetic wear, normal wear and tear, or damage caused by training munition impacts beyond normal cosmetic marking. All warranty claims must include proof of purchase and be submitted to UNHINGED® for review.

UNHINGED® shall not be liable for any incidental or consequential damages resulting from the use or inability to use the product, even if UNHINGED® has been advised of the possibility of such damages. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

WARRANTY CONTACT

SUBMIT A CLAIM

EMAIL	PHONE	WEB
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