

Dräger Swede Survival System Phase 5 – Multi-Story

Fighting fires in multi-story, multi-fire environments is one of the biggest challenges a firefighter can face. Part of the Dräger Swede Survival System, the Phase 5 trainer lets you replicate this environment to teach the complexities inherent in multi-story structures with multiple fires occurring simultaneously.



Benefits

Proven system, training included

Class A Dräger Swede Survival Systems combine purpose-built training units with Dräger-certified instructional programs that train firefighters on fire behavior in different situations. As a result, you can continually build the abilities and confidence of firefighters. The Phase 5 system is an excellent knowledge-based training environment that gives firefighters first-hand experience of multiple fire scenarios in a controlled setting.

At Dräger, we believe in a progressive learning process when teaching the characteristics of fire. Our instructional program can be traced to the multi-phased live fire training program developed by the Swedish Rescue Services Agency in Skovde, Sweden.

Five-compartment design enables diverse scenarios

The standard Phase 5 configuration is a fully-insulated, Class A 5-container design, including fire compartments on the first and second floor and three cold chambers for staging, approach, and search and rescue operations. The structure also has interior and exterior stairs, first and second floor entry points, and access windows.

Rugged construction for long-term use

The chamber walls and ceiling are lined with high temperature insulation material that is protected behind a seal-welded layer of 11-gauge steel. This protects the structural integrity of the container from the grueling temperature swings the container is designed to withstand over many hundreds of training evolutions.

The burn chambers are designed for sheets of Oriented Strand Board (OSB) to be placed along the walls, ceiling, and doors. Burn chamber floors are lined with concrete paving stones and the structure includes a ventilation system. A number of additional options can be added to the standard configuration, allowing the system to meet your specific requirements.

Real-world fire scenarios

The Phase 5 system is an indispensable component to any fire training curriculum because it allows participants to train on a variety of fire scenarios, including:

- Fire attack with hydraulic ventilation
- Vent Enter Isolate Search (VEIS)
- Firefighter down, missing, or trapped
- Search and rescue
- Air management training
- Mayday training
- Multiple fires

Two-day instruction certification workshop

The Dräger Swede Survival Phase 5 System includes a two-day train-the-trainer workshop for up to 10 instructors. This workshop is conducted by instructors who have extensive experience training various evolutions in the Dräger Swede Survival Systems. This training and certification process ensures that your instructors become thoroughly familiar with the safe and effective use of the Phase 5 training system.

Swede Phase 5 training is designed to meet the Job Performance Requirements listed in the NFPA 1001 Firefighter 1 directives. While following standardized training procedures, our certified instructors can customize elements of the training to address specific design characteristics of your system. These may include:

- Rappel techniques
- Denver Drill techniques
- Confined space entry
- Forcible entry door
- SCBA confidence training

Classroom preparation

Included in the training is a 4-hour classroom session that provides an extensive background on the Phase 5 structure and various scenarios that make up the live training.

Before participants enter the chamber, they will have a comprehensive understanding of the design and purpose of the various compartments and props, simulation techniques, safety standards, and detailed training expectations.

Participants receive expert instruction on their roles during the actual physical training exercises and learn what tools will be used during the hands-on training, including nozzle techniques and proper use of thermal imaging cameras to assess the fires.

A mandatory test at the end of the classroom session verifies that participants are prepared for the live segment of the training. Training on methods of tear down and set-up for subsequent evolutions will also be a part of every session—all complimentary with purchase of a Swede Phase 5 system.

Expand your training capabilities with the Phase 5 Modified

Expanding on the standard Phase 5 design, the Phase 5 Modified structure includes a double-wide burn chamber, four or more cold containers, and a variety of additional fire attack props—including a flat roof prop, a Denver Drill prop, and angled ventilation. The Phase 5 Modified design can be further customized to meet the specific requirements of your fire department.

Because of our modularized approach, we can easily incorporate new props, change the container arrangement, and include additional burn chambers, stairwells, and levels—even to existing systems. As a result, you can maximize your training output at a fraction of the cost of permanent concrete structures.

System includes

- Complete Dräger Swede Survival Phase 5 System
- 2-day training course for up to 10 instructors
- Instructor manuals and SOPs
- Instructors receive Certification to Instruct the Dräger Curriculum upon completion

Training course includes

- Certified instructors
- Ignition sources
- Fire behavior
- Formation of fire gases
- Fire control
- Container operations
- Hydration
- Heat stress
- SCBA and safety equipment training
- Thermal imaging camera usage
- Heat stress management
- Smoke and ventilation exercises
- Nozzle techniques
- Container management
- Overall safety

Options available

- Forcible entry door
- Denver Drill prop
- Breaching wall prop
- Pitched roof
- Flat roof
- Rappel bar
- Bail out prop
- Moveable walls
- Roof reinforcement package
- Additional staircase
- Additional doors and windows
- Emergency ventilation
- Customized options to meet specific requirements

Details



D-37049-2015

Real fire scenarios



D-1985-2016

Customized fire training solutions to meet your needs



D-1991-2016

Phase 5 Modified with tower structure and additional burn chamber



D-1983-2016

Pitched and flat roof props



D-1981-2016

Optional rappel point



D-1986-2016

Phase 5 Modified with standpipe system



D-1988-2016

Instructors are experienced professional firefighters



D-1984-2016

Denver Drill option



D-2593-2016

Phase 5 Modified with optional siding and roof

Related Products



D-1297-2009_frei

Phase 1: Flashover Development Observation

The Dräger Phase 1 system allows students to observe fire behavior three feet below the fire floor, providing firefighters hands-on training in a safe setting.



D-1296-2009_frei

Phase 2: Interior Attack

The Dräger Phase 2 system builds on the principles learned in Phase 1. Trainees take a more active roll in recognizing the room's fire condition, advancing a hose line, applying nozzle patterns, and ventilating fire gases through hydraulic ventilation methods.



D-1900-2009_frei

Phase 3: Backdraft Development

The Dräger Phase 3 system is a demonstration system only. Students observe fire behavior and smoke conditions prior to backdraft.



D-1295-2009_frei

Phase 4: Garage

The Dräger Phase 4 system consists of two 40-foot containers that have been put together with the center wall removed, providing a more realistic room size fire floor. This system teaches basic tactics, rescue, suppression, and ventilation techniques.



D-37059-2015

Phase 6: Interior Hallway

The Dräger Swede Phase 6 simulates a hotel or apartment building fire and provides training for fire attack, smoke conditions, search and rescue, and hose handling through the main corridor.

Technical Data

Class A grade containers
High performance insulation
16-gauge steel exterior
11-gauge sheet metal covering insulation
10-gauge steel flooring
5/16" chain on walls, ceiling, and doors of burn areas
Concrete paving to line floor of burn areas
Ventilation system
Doors and windows in the cold chambers
Interior and exterior stairs
2 crib fire drums
Paint: red oxide

Notes

Notes

Notes

Not all products, features, or services are for sale in all countries.

CORPORATE HEADQUARTERS

Drägerwerk AG & Co. KGaA
Moislinger Allee 53–55
23558 Lübeck, Germany

www.draeger.com

Customer Service:

USA
+1 800-4DRAGER
(+1 800-437-2437)

CANADA

+1 877-DRAGER1
(+1 877-372-4371)

Technical Service:

USA
+1 800-4DRAGER
(+1 800-437-2437)

Locate your Regional Sales
Representative at:
www.draeger.com/contact

