

Dräger Swede Survival System Phase 2—Interior Attack

With today's improved fire prevention methods, firefighters have fewer opportunities to gain first-hand experience in fighting live fires. The proven Swede Survival Phase 2 System trains firefighters to understand fire behavior and learn techniques to control fire conditions—in a controlled, repeatable setting.



D-1866-2016

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 2 System builds upon the knowledge gained in the Phase 1 System by giving 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.

Simple design offers various scenarios

The Phase 2 System is constructed of a 40-foot (12 meter) container which includes a burn chamber and multiple entry points. This wood-fueled system lets you train for fire attack, smoke conditions, search and rescue, and nozzle techniques through the primary entry points. This structure is offered as a stationary or a mobile unit, which allows for training at multiple locations.

Rugged construction for long-term use

With proper maintenance and use, Swede Survival Systems have been known to withstand more than 1,000 training sessions. The burn chamber walls and ceiling are lined with high temperature insulation material that is protected behind a seal-welded layer of 11-gauge steel, as well as 10-gauge steel flooring. This protects the structural integrity of the container from the grueling temperature swings that the container is designed to withstand over many hundreds of training evolutions.

Two-day instructor certification workshop

The Dräger Swede Survival Phase 2 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 2 training system.

Expert training comes standard from Dräger

Phase 2 training includes a four-hour classroom session covering the theory of operation, recommended loading procedures, pre-evolution briefing, safety procedures, and maintenance of the system.

Classroom training is followed by the hands-on portion of the training, which consists of operating the Phase 2 with the trainer's instructions. Each student executes a complete training evolution—from loading the materials, inspecting students prior to entry, igniting the fire, controlling the growth of the fire and stages of evolution, to ending the session and debriefing.

Dräger offers a full line of container-based Class A fire training structures, which represent a comprehensive fire training curriculum.

The Phase 2 System includes

- Grade A 40 foot (12 meter) container
- High performance insulation
- 16-gauge steel exterior
- 11-gauge sheet metal covering insulation
- 10-gauge steel flooring in burn chamber
- 5/16" (8 mm) chain on walls, ceiling, and doors of burn areas to hold Class A materials
- Partition with entry door
- Controllable ventilation system
- Concrete paving to line entire burn chamber floor
- 55-gallon crib fire drum
- Side entry doors (2) without locks
- Access for hose line
- Low flow water nozzle - 30/60/95/125 GPM (113/226/360/473 LPM)
- Paint - red oxide
- 2-day train-the-trainer course with certified instructors

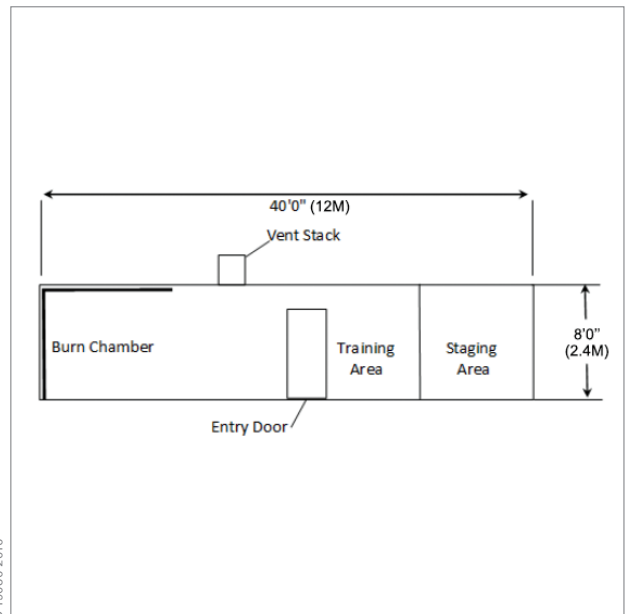


D-1296-2009

Standard Swede Survival Phase 2 System

The Phase 2 training course includes

- Certified instructors
- Ignition sources
- Fire behavior
- Formation of fire gases
- Fire control
- Container operations
- Hydraulic ventilation
- Smoke and ventilation exercises
- Nozzle technique
- Smoke conditions recognition
- Container management
- Overall safety



D-19056-2016

Phase 2 Dimensions

Available options include

- Custom paint colors and logos
- Mobile unit for transport
- Emergency vent hatch - burn chamber
- Additional 20' (6 meter) container and burn chamber
- Thermocouple temperature monitoring system
- Custom container configurations

Related Products

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-1297-2009

Phase 1: Flashover Development Observation

Phase 2: Mobile Advanced

Numerous dynamic scenarios can be conducted in this mobile unit by using the additional training devices in conjunction with its live fire capability. Additional props include a moveable wall system, a fold-up pitched roof and railing with second story window frame, a confined space entry hatch through the roof, a vertical ventilation prop, and first-story windows and doors for mechanical, horizontal ventilation.



D-5598-2017

Phase 2: Mobile Advanced

Phase 3: Backdraft

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



D-1300-2009

Phase 3: Backdraft

Phase 4: Garage

The Dräger Phase 4 System consists of two 40-foot (12 meter) 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-1295-2009

Phase 4: Garage

Phase 5: Multi-story, Multi-fire

The Dräger Phase 5 System is a multi-story unit that combines the unique construction of the enclosure and the training curriculum to gain tremendous insight into complexities inherent in multi-story, multi-fire involved structural fire situations.



D-1298-2009

Phase 5: Multi-story, Multi-fire

Phase 5 Modified: Multi-story, Multi-fire

The Dräger Phase 5 Modified System expands on the standard Phase 5 training by including a double-wide burn chamber, four cold containers, a flat roof, a Denver Drill prop, and angled ventilation. The Phase 5 Modified System can be further enhanced with a number of optional props to expand the possible training scenarios.



D-1985-2016

Phase 5 Modified: Multi-story, Multi-fire

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.



D-3709-2015

Phase 6: Interior Hallway

Services



Dräger Service

With Dräger's service agreements, you get complete peace of mind and budget security, knowing that your equipment is supported by the same team of experts that engineered it and is backed by over 125 years of experience. You can rely on Dräger to keep the tools you depend on operating at peak performance. With the Dräger Service Advantage, you'll have a partner in safety who puts the well-being of your firefighters first.

Notes

Notes

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