

Swede Survival Systems Phase 3 Backdraft



The Phase 3 Backdraft System is a demonstration system only. No one enters this container during the demonstration. The Phase 3 container uses only class A combustibles (particle board), to create a low-pressure smoke explosion, also known as backdraft.

The Instructor can point out the fire behavior and smoke conditions prior to the backdraft.



- Puffing & pushing smoke
- Smoke being sucked back into the fire room
- Backdraft
- Expansion of smoke
- Low-pressure explosion
- Fireball out the front door 20 ft or more

There can be multiple evolutions before the fuel load is depleted.

SYSTEM SPECIFICATION:



- Partek high performance insulation
- 14 gauge steel exterior with 8 gauge sheet metal covering insulation
- 5/8" chain on walls, ceiling, and doors of burn area
- Partition with entry door
- Concrete paving and sand to line floor of burn area
- Crib fire drum – 2 each
- Paint- red oxide primer

THE SYSTEM INCLUDES:

- Fogfighter Nozzle
- 2-day training course for up to 12 students
- Instructor Manuals
- Certification upon completion

TRAINING COURSE INCLUDES:

- Ignition Sources
- Fire behavior
- Formation of fire gases
- Fire control
- Container operations
- Hydration
- Heat stress
- SCBA & Safety Equip. training
- Heat stress management
- Recognition of pre-flashover conditions
- Smoke and ventilation exercises
- Nozzle techniques
- Container Management
- Safety



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