

SmokeBlockAid Environmental Control Accessories

The patented SmokeBlockAid helps control oxygen to the fire and contain smoke to a single room to minimize property damage.

Features

- 1 Oxygen Control to the Fire:** Sets up in seconds and requires no manpower to maintain door control and provide visual indicator of flow path; reduces smoke spread in common areas to help with rescue operations and prevents smoke spread in large buildings
- 2 Perfect for Uni-Directional Ventilation Scenarios:** Forces airflow into the room at a lower volume rate, drastically minimizing conditions that lead to flashover
- 3 Passable Entryway:** Allows personnel and charged hose lines to pass through the doorway while the SmokeBlockAid is deployed
- 4 Replaceable Fabric:** Rated up to 500°F



Model	Min Width	Max Width	Height	Material	Ratchet
S-100	27" - 68.5 cm	43" - 109 cm	75" - 1.9 m	Replaceable silicone impregnated fiberglass, rated up to 500° F for extended period of time. Fabric maintains integrity up to 1,100° F	QuickAction with screw tightening
S-150	36" - 91 cm	56" - 142 cm	75" - 1.9 m		



Super Vac Smoke BlockAid

U.S. Patent #7810576

The most important task for firefighters is to save lives. In the case of fire in multi-story residential buildings, this objective can be best achieved by using the stairways as the preferred route of attack. This method of entering a multi-story dwelling assures that the most important escape route for the inhabitants is immediately controlled as people are often found there on their way out of the building – either in a smoke or in a still-safe and smoke-free environment.

Therefore, one of the most important aims for fire crews is to have a smoke free and safe stairway. However, choosing the stairways as the preferred route of attack to a fire in a building means opening doors. Firefighting operations sometimes enable smoke to travel through a building, entering stairways and can lead to the endangerment of the inhabitants.

In smaller buildings, the Super Vac Smoke BlockAid can limit smoke damage. It can block smoke and heat from exiting the top of the door while allowing hose lines and firefighters in the bottom of the same door.

The utilization of a portable smoke BlockAid, which is fastened in the upper part of the door, hinders smoke from flowing into other areas and allows fresh air to enter the fire area at floor level.

This keeps the volume of smoke to be expelled from the building to a minimum and improves the conditions and safety for firefighters by leading to lower temperatures and better visibility.

The BlockAid is a combination of a metal frame with a spreader and a special textile fiber curtain. The curtain shall be made up of a silicone impregnated fiberglass. It is rated up to 1100° F, 500°F over extended periods of time, and is durable in the smokiest conditions.

The frame shall be adjustable to fit in a variety of doors and shall have a QuickAction ratchet that tightens with a screw motion. The curtain shall be reinforced with vinyl patches at all wear points and stainless steel clips to the upper arm.

Available in 2 sizes:

- S-100: This curtain shall have a height of 75 inches, a minimum width of 27 inches and a maximum width of 43 inches.
- S-150: This curtain shall have a height of 75 inches, a minimum width of 36 inches and a maximum width of 56 inches.