



Savage Air Barrier System

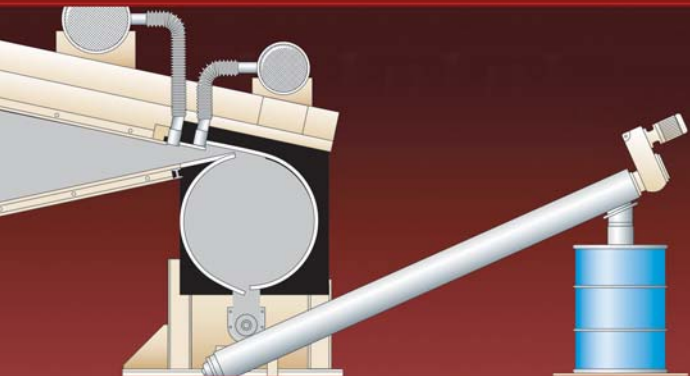


*Airborne Dust Containment
for the
Savage Range System Dry Snail Trap*



Savage Range Systems
Shooting Ranges and Bullet Traps

Introducing the Savage Air Barrier



Keeping lead particles inside the Dry Trap and out of you!

Savage Range Systems knows that the goal of all range owners is to operate a clean, efficient and safe shooting facility – for both their users and staff – by not exposing them to harmful contaminants. It is with this goal in mind that Savage Range Systems continues to design the world’s safest range systems, by revolutionizing trap design and contaminant collection.

First, there was Savage Range System’s Snail® System, utilizing the patented deceleration chamber. This unique bullet containment system revolutionized the entire shooting range industry. Next came the Wet Snail Trap, designed to encapsulate lead particles and contaminants for indoor shooting ranges, exceeding OSHA standards. The patented Wet Trap is proven to be the best system for eliminating airborne lead dust at the trap and is now found in firearms manufacturers, military installations, law enforcement and commercial ranges worldwide.

Savage Range Systems now introduces the ultimate in contaminant collection for indoor dry traps – the Savage Air Barrier System. Using “positive pressure,” the patent-pending contaminant collection system creates a barrier at the throat of the deceleration chamber, keeping lead particles where they belong, *inside* the deceleration chamber! So, if a Savage Range System Wet Trap isn’t your choice for an indoor application, the Savage Range System Dry Trap with the Savage Air Barrier offers the next safest contaminant containment system available today!

Positive Pressure is the Solution



Keeping lead particles inside the Dry Trap and out of you!

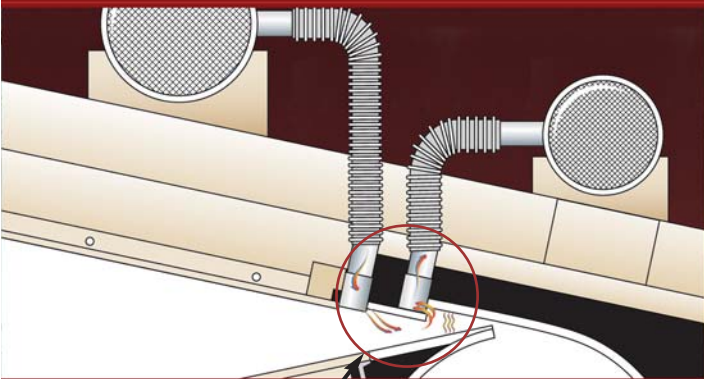


The Savage Air Barrier System uses “positive pressure” at the throat of the trap to create an air barrier. This barrier keeps lead particles just where they belong... inside the patented deceleration chamber!

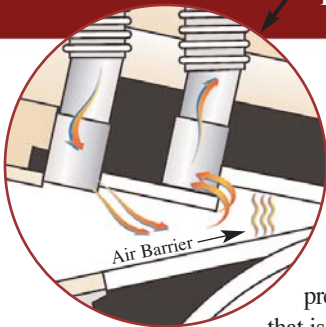
Because the Savage Air Barrier System doesn't draw air from the chamber it will not collect dust, bullet fragments or jacket materials destined for the bullet collection system. The patent-pending technology contains a unique safety feature, the Pulsatron Self-Abatement System, to capture minute particles that attempt to exit the chamber. A bank of filters are cleaned by micro-pulses of air and the lead particles fall into a collection drum within the system. The air is then passed through a set of HEPA filters, ensuring no lead particles are discharged into the environment.

Low angle deflection plates at entrance to Savage Range Systems Dry Trap

Why A Closed Loop System?



The system saves energy too!



The Savage Air Barrier System is a “closed loop system.” The air flows within a contained system and recycles, so the supply air that creates the positive pressure barrier is the same air that is recovered from the system

after it passes through the HEPA filters.

The Savage Air Barrier System uses less energy than the competition. Why? Because the system is not vacuuming the inside of the deceleration chamber, the air barrier requires less air volume for circulation, resulting in a smaller fan motor. Plus, because it is a “closed loop” system, it does not exhaust tempered air to the outside environment, resulting in energy savings to your HVAC system, since more energy is available for recovery by your heat exchange system.

We provide consulting and design services for everything from crime labs and Original Equipment Manufacturers (OEM) to law enforcement and commercial ranges to specialty test facilities for military and manufacturing clients. Our design team will assist you, your architect or contractor with selecting the optimum combination of bullet trap, safety ceiling and baffles to match your requirements.

The World's Safest Traps



No other bullet trap reduces lead dust like Savage!

Wet Snail[®] technology provides the greatest reduction in airborne lead and is especially recommended for indoor applications. The Savage Air Barrier is recommended for indoor applications where a Wet Snail Trap is not desired. Refer to technical specifications for details regarding model size and construction materials. Materials and/or specifications subject to change without notice.

Specifications:

Model	Rated for	Max FPE of Ammunition
200 Series	Pistol	1400 ^{1,2}
800 Series	Rifle	8100 ^{1,2}
855 Series	Rifle	8100 ³

Custom systems are our specialty.

1,2 Excludes armor piercing (AP) and steel core and ceramic tipped ammunition.

2 Excludes fixture firing of machine guns.

3 Designed for high volume (>10,000 rounds per lane per year) of M855/SS109 ammunition. Excludes armor piercing (AP), and armor piercing incendiary (API).

Options:

- Self-supporting top ramp.
- Choice of Bullet Recovery System:
 - Automatic Auger
 - Direct Containerization
- Polyurea Elastomer finish for corrosive environments

800-370-0712
www.snailtraps.com



Savage Air Barrier System for Dry Trap Shooting Ranges

The world's leading firearms manufacturers, government agencies, military departments and recreational shooting ranges are using Savage Range Systems' Snail® System. The revolutionary Snail System offers proven, patented technology, superior quality and reliability to meet the most rigorous demands.

Dry Snail Traps are available with the optional Savage Air Barrier System to minimize airborne lead – significantly reducing health, environmental and safety risks.

Key Features:

- “Positive Pressure” prevents lead dust from escaping the trap throat area.
- More energy efficient than other dust collection systems.
- Low angle deflection plates virtually eliminate wear.
- Designed for high volume shooting.
- Spent bullets are easily recovered for recycling.
- Reduced maintenance costs.
- Environmentally friendly.
- Self-cleaning filters eliminate the need for range personnel to handle waste.
- HEPA filtration insures contaminants are not discharged into the environment.

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