

Baffle Paint Arrestors

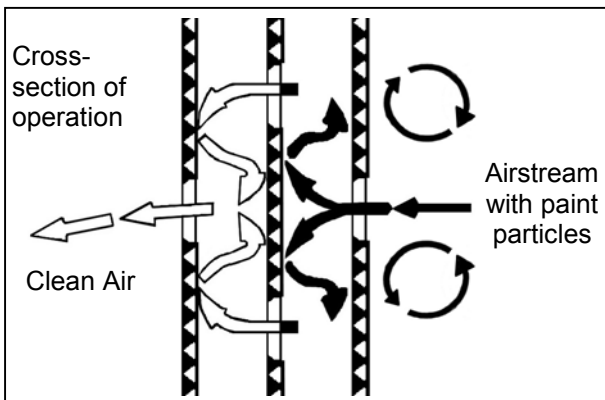
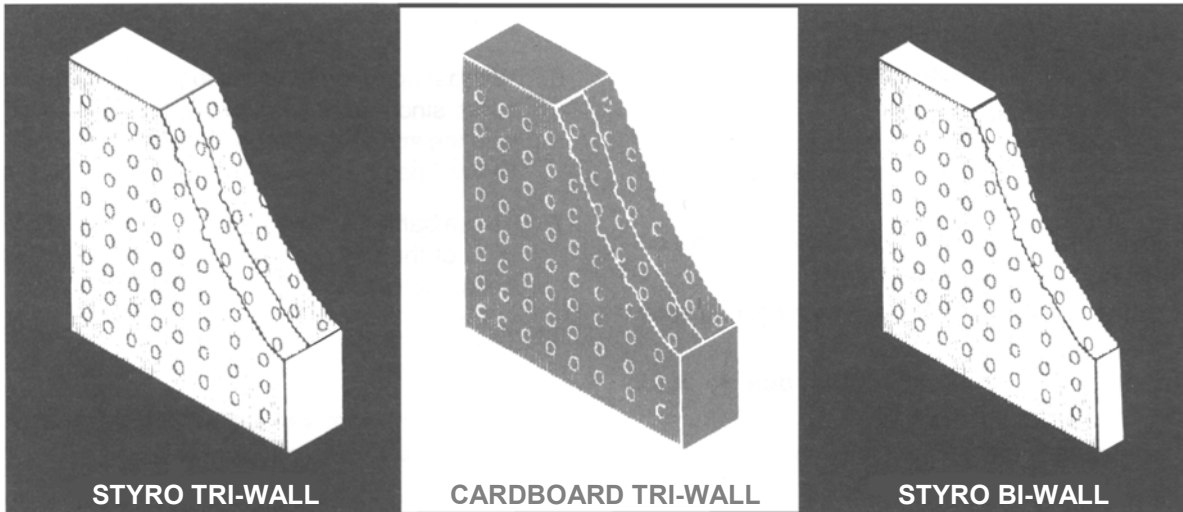
Cardboard Baffles

Tri-Wall erect Patent #3714222
 Tri-Wall collapsed
 Tri-Wall with glass
 Tri-Wall with polyester
 Tri-Wall with FT20

Styro Baffles

Styro Tri-Wall erect
 Styro Bi-Wall erect

A unique, revolutionary and effective solution to any paint overspray problem in all paint operations.



- ◆ **Complies with AQMD requirements**
- ◆ **Saves time and money**
- ◆ **Requires less frequent changing**
- ◆ **Keeps exhaust stacks clean**



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SPECIFICATIONS:

Tri-Wall Cardboard Paint Arrestors

The Tri-Wall cardboard arrestor is a baffle-type module constructed of three progressive layers of corrugated cardboard with air-flow holes spaced in a staggered manner, forcing spray paint-laden air to bounce between the layers, while trapping spray paint particles between its multiple walls.

1. Collects harmful overspray solids before they reach the exhaust stack.
2. Self supporting structure eliminates need for grids or brackets, requires less time in changing with greater ease.
3. Will last up to 10 times the life of a standard paint arrestor pad.
4. Greater storage volume within its walls give it a more constant air flow and offers a longer life span than any other paint arrestor on the market.
5. Reduces costly down-time, needs less frequent changing.
6. Provides better air flow and healthier working conditions.
7. Accumulates overspray and airborne solids like a vacuum cleaner, virtually eliminates face loading and clogging.
8. Provides efficient ventilation with minimal drag on exhaust fan.
9. No splatter or bounce-back as in conventional type water-wash booths.
10. Maintains cleaner spraybooths due to less overspray.
11. Maintenance is easy and economical.
12. Air flow at 1000 CFM per unit will operate at a resistance of .09" w.g. initial and .80" w.g. final. Resistance will be constant for a longer time, therefore TRI-WALLS will operate at lower cost levels.
13. Users report over 400% savings over conventional type dry paint arrestors.
14. Available in compact, collapsible design, shippable in UPS-sized cartons.
15. Reduces costly down-time due to fast and easy changeout of filters.
16. Is safer than other paint arrestors, not self-igniting because paint stacks up and is not oxygenated.
17. Available in sizes 20" x 20" x 3" erected, ready to use, or collapsible for easier shipping and storage. Adaptors are available to build a filter sized 20" x 25" x 3".
18. Available with glass or poly pad in second chamber, providing efficiencies up to 95% at 5 micron.
19. Filters are available for powdercoating applications as Tri-Walls with FT20 strainer on back to provide 99% retention.

Styro Wall Baffle Paint Arrestor

Styro Tri-Wall and Bi-Wall paint arrestors are baffle-type modules constructed of three or two progressive layers of styrene with airflow holes spaced in a staggered manner, forcing spray paint-laden air to bounce between the layers while trapping spray paint particles between its multiple walls.

1. Collects harmful overspray solids before they reach the exhaust stack.
2. They are self supporting and do not require support grids.
3. Need changing less often and require less time to change.
4. Reduces costly down time of the booth as changing styro Tri-Walls and Bi-Walls is easy and convenient
5. Provides better air flow than conventional dry paint arrestors.
6. Will last up to ten times as long as conventional dry filters since paint overspray storage is 2 ¼" deep with the styro Tri-Wall and 1 ½" deep with the styro Bi-Wall paint arrestor. They will never face-load.
7. These baffles will maintain constant airflow through 90% of their usage resulting in less wear on fans, belts, motors, bearings and electrical costs.
8. There is no splatter or bounce-back of water droplets as is the case in water wash booths.
9. Provide efficient ventilation with minimal drag on exhaust fan.
10. Styro wall arrestors are easy to dispose by dipping them in used paint thinner as styrene will dissolve and save on costly toxic waste disposal bills. Thinner may then be recycled.
11. Users report 400% savings over conventional type dry paint arrestors.
12. Available in 20x20 only. Adaptors are in stock to accommodate 20x25 frames.
13. Styro wall paint arrestors are reusable and cleanable with a brush.
14. You may stack additional layers of styro wall paint arrestors to create a paint arrestor with more filtering chambers.
15. Styro wall filters do not burn and comply with Class II fire rating requirements. They will not self-ignite and require no restricted storage facilities.