

THE NEW STANDARD FOR EFFECTIVE CONTAINMENT IN HEALTHCARE FACILITIES



AIRE GUARDIAN®
S H I E L D
ABATEMENT TECHNOLOGIES®



THE BETTER WAY TO CREATE CONTAINMENT

The modular, adaptable AIRE GUARDIAN® SHIELD is a new temporary containment barrier system designed to reduce contamination challenges for contractors working in critical environments.

 **ABATEMENT**
TECHNOLOGIES®

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The modular, adaptable AIRE GUARDIAN® SHIELD is a new temporary containment barrier system designed to reduce contamination challenges for contractors working in critical environments.

The new standard for effective infection control in critical environments.

Construction in critical environments like hospitals, pharmaceutical labs, and data centers requires the proper containment to prevent dust and other airborne particulate from affecting spaces that need to continue to operate and those that occupy them.

The AIRE GUARDIAN® SHIELD by Abatement Technologies is a new modular temporary containment barrier system designed to simplify and enhance containment for contractors working in critical environments.

This innovation in containment is becoming the standard, as contractors are able to reduce labor and startup times through easy to connect panels, closed cell foam gaskets, and self-leveling floor sills.

Flame/Smoke Ratings



Height Adjustments

Reaching ceiling heights between 7ft and 10ft 3in

Panel Sizes

Four Standard Panel Sizes form an Adaptable Structure



The AIRE GUARDIAN® SHIELD Advantages



QUICK EASY AND VIRTUALLY DUST FREE

With a modular design and single tool assembly the SHIELD system will get you started with less labor, less time, and virtually no dust.



EXQUISITE DESIGN

Our extruded aluminum and frosted polycarbonate panels give any site a clean, professional, high-end image. The SHIELD is also customizable with your logo graphics.



ENVIRONMENTALLY SOUND, BUDGET FRIENDLY

Because the SHIELD system is reusable, you're not creating waste when it's time to move to the next job, compounding materials savings over time.



LEVEL SURFACE

Our unique leveling plates, shim system, and ceiling clamps help your containment stay sealed, even in uneven environments.



ADAPTABLE DESIGN FOR EVERY JOB

With 4 panel sizes, fixed or flexible corners, doors that can swing in or out, and interchangeable exhaust collars the SHIELD adapts to almost any work area.



EASY DECONTAMINATION

With smooth surfaces that are resistant to aggressive hospital cleaning practices it is easy to decontaminate before, during, and after construction.



SECURE ENVIRONMENT

With lockable doors and exhaust plates, as well as, virtually hidden panel connectors the SHIELD creates a protective barrier around your site.



ICRA COMPLIANCE

Easily create ICRA compliance up to Class 4.



AG SHIELD Panels

The SHIELD system offers four easy to adjust panel sizes to make right sizing for your job simple.

- 4 Standard Panel sizes
1ft, 2ft, 3ft, 4ft
- Toolless height adjustment
from 7ft to 10ft 3in
- Lightweight aluminum and polycarbonate construction
- Articulating floor plates
- Closed cell foam gaskets
- Smooth, clean exterior surfaces
- 4 connection points between upper and lower sections to prevent racking

PART NUMBERS:

AGSHIELD-P12W
AGSHIELD-P36W

AGSHIELD-P24W
AGSHIELD-P48W



AG SHIELD Doors

Create easy access to your containment site with 4 door options featuring two sizes and inward or outward swing.

- 32" x 79.5" Clear in a 3ft Panel
- 44" x 79.5" Clear in a 4ft Panel
- Inward or Outward swing
- Adjustable sweep plate
- Door closer and standard locking handle included
- Precut doorknob hole will accept most standard door handles
- Piano hinge and rigid construction prevent sag
- Security plates to prevent unwanted entry

PART NUMBERS:

AGSHIELD-DI44W (IN)
AGSHIELD-DI32W (IN)

AGSHIELD-DO44W (OUT)
AGSHIELD-DO32W (OUT)



AG SHIELD Corners

Fixed and flexible corner options will adapt to just about any configuration you can think of.

- 4 corner types
- Flexible inward and outward
- 90° fixed inward and outward
- Adjustable gapping blades on flexible corners to make sealing the system easier
- Toolless height adjustment from 7ft to 10ft 3in
- Flexible corners have a 135° adjustable range
- Rigid all aluminum construction

PART NUMBERS:

AGSHIELD-CFI (IN)
AGSHIELD-CHI (IN)

AGSHIELD-CFO (OUT)
AGSHIELD-CHO (OUT)



AG SHIELD Exhaust System

Interchangeable system that is equipped to allow three different duct sizes, working with the equipment you already own.

- Toolless adapter plate changes
- Standard port is pre-installed in the bottom section of a 2ft panel
- Optional exhaust kit allows for installation in any location on a panel
- Security plate to seal port when not in use
- 3 optional drop in exhaust ports with 8", 10", and 12" collars
- Optional Exhaust/Intake plate allows you to filter and diffuse exhaust or makeup air.

PART NUMBERS:

AGSHIELD-EXD
AGSHIELD-EX08

AGSHIELD-EP24W
AGSHIELD-EX10

AGSHIELD-EXK
AGSHIELD-EX12

AG SHIELD Connectors



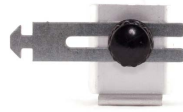
- Hidden 4 finger panel brackets allow a secure connection with a standard #2 Phillips driver and help prevent tampering
PART NUMBER:
AGSHIELD-HWPB10



- Shims allow a solid connection between uneven panels
PART NUMBER:
AGSHIELD-HWHS30



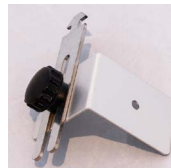
- Secure a panel to the floor with this optional extended floor bracket
PART NUMBER:
AGSHIELD-HWFB10



- Ceiling brackets create a secure connection to the ceiling
PART NUMBER:
AGSHIELD-HWCG10



- Panel clamps help close any additional gaps during assembly
PART NUMBER:
AGSHIELD-HWPC10



- Secure a panel to drywall with this optional ceiling bracket
PART NUMBER:
AGSHIELD-HWCD10

Note: All necessary connectors are included with panels. Additional connectors can be purchased using the part numbers listed below.

PART NUMBERS:	AGSHIELD-HWHS30	AGSHIELD-HWPC10	AGSHIELD-HWCD10
	AGSHIELD-HWFB10	AGSHIELD-HWPB10	AGSHIELD-HWCG10

AG SHIELD Sealing Kits & Accessories

The SHIELD system has a variety of ways to connect to the existing buildings walls creating a secure containment.

Features of the wall sealing kits include:

Closed cell foam gasket

- Applies directly to panels
- Allows direct abutment to a wall

Extended 3" seals with closed cell foam gaskets

- Attaches to panels
- Creates a small extension to close gaps

Drywall adapters

- Attaches to panels
- Drywall can be used to abut to irregular walls or walls that have handrails or other obstructions

Clear polycarbonate extensions

- Attaches to panels
- Creates a clear window into the containment area

Accessories available for the SHIELD system are:

- Mounting bracket for Abatement Technologies PPM3-S portable pressure monitor
- Mounting bracket for Abatement Technologies RPM Series pressure monitors
- Transportation cart for SHIELD components. Designed to hold up to 12 panels for easy storage and transportation.

SEALING KIT PART NUMBERS:

TAPE46	AGSHIELD-WSE3
AGSHIELD-WSED	AGSHIELD-WSEL

ACCESSORIES PART NUMBERS:

AGSHIELD-HWPM1	AGSHIELD-HWPM2
AGSHIELD-CART2	



Ordering Info

STANDARD PANELS		PANEL WIDTH	MAX/MIN HEIGHT	DIMENSIONS	PART NUMBER
48" Panel, White		48"	123"/84"	48"W x 84"T x 2"D	AGSHIELD-P48W
36" Panel, White		36"	123"/84"	36"W x 84"T x 2"D	AGSHIELD-P36W
24" Panel, White		24"	123"/84"	24"W x 84"T x 2"D	AGSHIELD-P24W
12" Panel, White		12"	123"/84"	12"W x 84"T x 2"D	AGSHIELD-P12W
24" PANELS W/EXHAUST SYSTEM INSTALLED		PANEL WIDTH	MAX/MIN HEIGHT	DIMENSIONS	PART NUMBER
24" Panel, White with Exhaust Port		24"	123"/84"	24"W x 84"T x 2"D	AGSHIELD-EP24W
EXHAUST SYSTEM INDIVIDUAL COMPONENTS				DIMENSIONS	PART NUMBER
Exhaust Kit, 2 Frames with Security Plate & Plastic Knob				16.5"W x 16.5"T x 2"D	AGSHIELD-EXK
Exhaust Plate with 8" Collar				15"W x 15"T x 3"D	AGSHIELD-EX08
Exhaust Plate with 10" Collar				15"W x 15"T x 3"D	AGSHIELD-EX10
Exhaust Plate with 12" Collar				15"W x 15"T x 3"D	AGSHIELD-EX12
Exhaust/Intake Plate with Diffuser and 2" Pleated Filter				20"W x 20"T x 3"D	AGSHIELD-EXD
DOORS					PART NUMBER
Door, 44" in a 48" Panel White, (outward swing)					AGSHIELD-DO44W
Door, 44" in a 48" Panel White, (inward swing)					AGSHIELD-DI44W
Door, 32" in 36" Panel White, (outward swing)					AGSHIELD-DO32W
Door, 32" in 36" Panel White, (inward swing)					AGSHIELD-DI32W
CORNERS AND T-CONNECTIONS				DIMENSIONS	PART NUMBER
Corner, Fixed 90° Inside				123"/84"	AGSHIELD-CFI
Corner, Fixed 90° Outside				123"/84"	AGSHIELD-CFO
Corner, Hinged Inside				123"/84"	AGSHIELD-CHI
Corner, Hinged Outside				123"/84"	AGSHIELD-CHO
SEALING KITS		WIDTH	PART NUMBER		
Closed cell foam gasket 8ft length		1"	TAPE46		
Wall Seal - 3" Extended - Metal with Foam - L & R		3.75"	AGSHIELD-WSE3		
Wall Seal Kit, Extended - For Drywall		2"	AGSHIELD-WSED		
Wall Seal, Clear Polycarbonate		3"	AGSHIELD-WSEL		
HARDWARE CONNECTORS					PART NUMBER
10 Panel Bracket Sets (Upper & Lower, with Screws)					AGSHIELD-HWPB10
10 Panel Clamps					AGSHIELD-HWPC10
10 Ceiling Brackets					AGSHIELD-HWCG10
10 Panel Brackets W/Floor Mount					AGSHIELD-HWFB10
10 Drywall Ceiling Brackets					AGSHIELD-HWCD10
30 Shims					AGSHIELD-HWS30
ACCESSORIES					PART NUMBER
Portable Pressure Monitor Hanger Bracket					AGSHIELD-HWPM1
Room Pressure Monitor Hanger Bracket					AGSHIELD-HWPM2
Panel Cart					AGSHIELD-CART2



For 30 years companies around the world have relied on Abatement Technologies for HEPA filtration systems and other indoor air quality products with industry-leading quality, performance and reliability.

About Abatement Technologies Technologically Advanced Indoor Air Quality (IAQ) Products

Infection control and reducing hospital acquired infections (HAI's) have become a central concern in healthcare facilities. Abatement Technologies specializes in assisting with patient isolation and infection control requirements to help ensure the safety of patients and staff. Our highly trained and experienced representatives can assist you in making the best product selections customized for the needs of your application. No one can offer you more in-depth and educated guidance combined with effective and high-quality products than Abatement Technologies.

Abatement Technologies, Inc. is a worldwide leader in the design and manufacture of powerful air abatement products that remove harmful particulates, bioaerosols and volatile organic compounds. Since our founding in 1985, more than 10,000 environmental abatement and HVAC contractors, commercial building owners, facility managers and hospital infection control specialists have selected Abatement Technologies products to "clean the air" in millions of buildings. These professionals recognize that our products lead the way in design, performance, quality and reliability.

Comprehensive Product Solutions for IAQ Problems

Our experienced and professional staff is dedicated to providing exceptional customer service and technical support. Knowledgeable sales consultants can help you select the right system for your specific application.

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COMPLIANCE WITH STANDARDS AND GUIDELINES - For the past 20 years, Abatement Technologies has provided health care facilities with the technology they need to comply with current infection-control standards and practices in an effective and economical manner. These include guidelines developed by The Centers for Disease Control and Prevention (CDC), Health Canada, the Canadian Standards Association (CSA), the American Institute of Architects (AIA), Department of Homeland Security HRSR Critical Benchmark 2.2, and Joint Commission requirements.

Last Modified: 06/12/2020