

BAKER

Environments For Science™



AeroPROTECT_{360°}

ASEPTIC CONTAINMENT ENCLOSURE



PERFORMS LIKE A BIOSAFETY CABINET

MICROBIOLOGICALLY
TESTED TO BIOSAFETY
CABINET STANDARDS

EXCEEDS
ISO CLASS 5
(CLASS 100)
AIR QUALITY



MEETS OR
EXCEEDS NSF
INTERNATIONAL
STANDARD 49

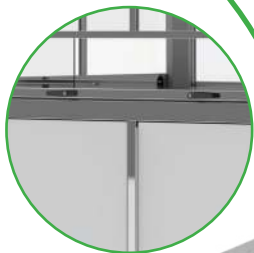
AeroPROTECT 360° is a truly versatile containment enclosure for laboratory automation. Baker's exclusive technology maximizes product protection and meets or exceeds NSF International Standard 49 microbiological aerosol testing criteria for product and personnel (user) protection.

AeroPROTECT 360° features a series of four biocontainment enclosures designed specifically to house robotics systems, such as automatic liquid handlers.

AeroPROTECT 360° is uniquely designed to provide the best protection from aerosols and particulates associated with the use of automatic liquid handling systems. All exhausted air is completely HEPA filtered. In addition, the interior of the enclosure is completely bathed in unidirectional, non-turbulent HEPA filtered air, offering product protection and an aseptic work environment. Microbiologically aerosol tested to Baker's rigorous standards to ensure optimal containment and protection, providing the performance you should expect from a biosafety cabinet.



KEY FEATURES



01. Clear 360° Visibility

Clear visibility into the work area from all sides for easy monitoring.

02. 8" Sash Opening

Multiple 8" (203mm) sliding sashes allow access to the work surface and is the primary means of access to ensure user protection.

03. Durable View Screen

Durable view screen for the clearest view, made of scratch proof mar resistant polycarbonate materials.

04. Easy Equipment Loading

Top hinged front view screen and rear access, offering easy equipment loading.

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FEATURES & ACCESSORIES

**MEETS OR EXCEEDS
NSF INTERNATIONAL
STANDARD 49
MICROBIOLOGICAL TESTING
REQUIREMENTS**

8"(203mm) sash opening allows easy access to the work surface during operation.

**MODULAR, NON-
RECIRCULATING DESIGN
IS EASY TO INSTALL**

Ships disassembled and all components fit through standard doorways, and no HVAC connection required.

**ADAPTS TO YOUR
APPLICATION**

Multiple sizes available to properly enclose your application and workflow, with multiple electrical outlets and cable ports where you need them.



FEATURES & ACCESSORIES

STANDARD FEATURES & ACCESSORIES

- Hinged front view screen with multiple, 8" (203mm) sliding sashes for direct user access. Front door opening dimensions vary by model, as follows:
 - 5.5' has a front door opening of 58"w x 30.5"h with two sliders (16"x 8")
 - 8' has a front door opening of 88"w x 30.5"h with three sliders (16"x 8")
 - 11' has two front door openings of 58"w x 30.5"h with four sliders (16"x 8") each
 - 16' has two front door openings of 88"w x 30.5"h with six sliders (16"x 8") each
- Membrane switch control pad
- Digital pressure gauges monitor downflow and intake velocities
- Audible alarm warning when either a high or low flow condition is present
- Power/Processor fault alarm
- Adjustable motor speed control compensates for filter loading and extends filter life
- LED lights illuminate interior work surface to 100 f.c. @ work surface
- Maintenance access for filters, lights, motor/blower, and electrical components
- Supply and Exhaust HEPA filtration, at least 99.99% efficiency (at 0.3 microns)
- Leveling casters are used for ease of movement on the unit. Once the unit is positioned into place, unit can be leveled
- 2" (50.8mm) inner diameter cable ports, 2 positioned within the left side wall and 2 in the right side wall
- Power connections: 120 V, 20 A/ 230 V, 30 A needed for single phase
- Emergency stop switch to cut power to internal outlets
- Scratch proof (mar resistant) polycarbonate viewing windows



AVAILABLE IN 4 WIDTHS*

5.5ft unit = 65"w x 74"d x 95.5" h
8ft unit = 95"w x 74"d x 95.5" h
11ft unit = 124"w x 74"d x 95.5" h
16ft unit = 185"w x 74"d x 95.5" h

*Nominal widths

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