

3' SEMI-RIGID ISOLATOR (STACKABLE) PART #A3RI

Pictured below are four 3' Rigid Isolators (stacked). The photo illustrates how easily cube space can be utilized.



Capacity

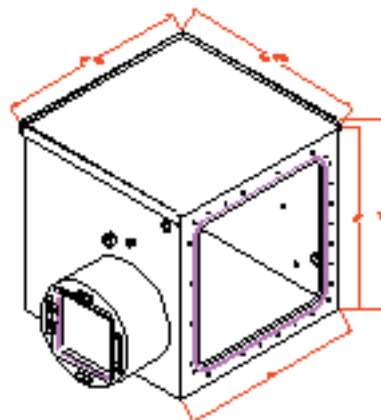
18 mouse cages or 9 rat cages

Each 3' Isolator comes complete with the following

- 1) A flexible front with one set of glove sleeves to access animal cages
- 2) Shelving to accommodate either rat or mouse caging
- 3) One hermetically sealed, double-door, 18" diameter access port
- 4) HEPA filtration for air supply and exhaust
- 5) An internal lighting system separated from the animal space
- 6) Record holders for animal documentation

Dimensions

Height: 37 inches
Length: 36 inches
Width: 36.75 inches
Weight: 158 pounds



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This isolator is designed to hold small groups of rats or mice and has all of the operational features of an 8-foot semi-rigid isolator. The flexible film front has a single pair of built-in glove sleeves with large diameter openings for easy access. The isolator is supplied with large nitrile gloves designed to accommodate most hand sizes. The gloves can be changed while the isolator is in operation without compromising microbiological integrity.

Each isolator includes an 18-inch diameter transfer port with two hinged, gasketed doors. The doors are held in place by DE-STA-CO clamps that can be manipulated with finger pressure. Both left and right-handed styles are available, which correspond to the placement of the transfer port and supply air plenums. This design allows the isolators to be stacked two over two while enabling access to all four transfer ports. A lip on top of each isolator prevents them from slipping when they are stacked.

Intake and exhaust air is filtered using disposable HEPA filters. The isolator can be supplied with an optional blower to provide pressurized air to the isolator. A valve is provided to regulate the air supply. Exhaust air passes out through a HEPA filter that is located opposite the supply air port. This HEPA filter provides exhaust back-flow protection as well as filtration of the exhaust air. The exhaust air can be captured using an optional captive exhaust device connected to an in-house exhaust system.

Several ports are available in the wall structure of the isolator to allow passage of electrical cords and monitoring leads or attachment of magnahelic pressure gauges and other devices to accommodate specific research requirements.

