



### Rapidly deployable to rural or urban environments.

Germfree's BSL-2 Van Labs provide quick access to remote locations as well as easy maneuverability in urban areas. These compact mobile laboratories accommodate a small team of personnel enabling them to safely respond to incident sites very quickly. The Germfree Mobile Van Lab acts as an extension of a regional or local fixed laboratory or, when used in conjunction with Germfree's 53' Mobile laboratory, creates a hub and spoke approach for strategic deployment of an agile public health response.

Samples can be prioritized for rapid testing in the field or safely transported to another facility. Additionally, this global platform is ideal for international applications.

Germfree has been manufacturing innovative laboratory solutions for nearly six decades. Our mobile and modular biocontainment units deliver critical laboratory capacity in the US and throughout the world.



## Application

Proximity and speed are critical to early detection of a potential outbreak as part of an effective disease surveillance program. BSL-2 Sprinter Van Laboratories are ideal for bringing diagnostics and point-of-care testing into hard to reach areas ranging from urban centers to remote locations.



### Testing, warranty, and support information

- Equipment receives a HEPA filter integrity test and an airflow test prior to shipping
- Germfree will include an operation and maintenance manual
- Germfree equipment carries a 2 year warranty, for complete details and to learn about the vehicle manufacturer's warranty, contact a Germfree Sales Engineer

## Specifications

### Standard features

#### ■ Advanced design and Engineering

bioGO Biocontainment Laboratories comply with the NIH CDC Biosafety in Microbiological and Biomedical Laboratories (BMBL) 5th edition guidelines for BSL-2.

#### ■ Flexibility of operations

Our mobile containment laboratories are designed by a team of biocontainment experts to provide the optimal safety for the handling of biologically contaminated materials. This allows the facility to be effectively utilized for manipulating samples required to be handled in a containment laboratory environment.

#### ■ Enhanced safety

Transfer materials via a 3-door pass-through box (exterior - interior - BSC) while maintaining containment. Features passive HEPA and interlocked doors.

#### ■ Efficient workflow

Germfree's bioGO Mobile Biocontainment Laboratories are engineered and equipped for the most efficient workflow. Stainless steel workstations, transfer airlock, storage and supply areas, and staging tables are strategically placed within the laboratory. 'Command Center' design incorporates 180° rotating captain's chairs with fold-down work surfaces.

### Electrical

■ **AC Electrical: 120V/240V, 45A, 1-Phase, 60Hz, 4-wire Shore Power connector.**

■ **DC Electrical: 12VDC System w/ Charger, Generator and Laboratory battery, 2 disconnect selector switches, and 2 20A circuit breakers.**

■ **Generator: 12KW diesel**

Part	Overall dimensions			Work area dimensions		
	L	W	H	W	D	H
BSL-2 Van Lab	290"	79.5"	108.4"	-	-	-
Class II Type A2	-	-	-	36"	22"	29"

### Equipment checklist

#### CONFIGURATIONS

##### INTERIOR

- Class II, Type A2 BSC
  - Welded stainless
  - #4 pharmaceutical grade finish
  - Removable front viewing panel, tray
  - High capacity motor/blower
  - 115 Volt, 60 Hz

- 3-door pass through box
  - Transfer materials while maintaining containment
  - Interlocked doors ensure airlock is never open on multiple sides at once
- Custom casework

- Laboratory refrigerator (4°C)
  - Laboratory freezer (-20°C)
  - Counter-top autoclave
- ##### EXTERIOR
- Custom branding, logos

#### ACCESSORIES

##### EXTERIOR

- Retractable awning
  - Positioned above the door, provides shelter from the elements
  - Operated using an automatic switch



## Technical drawing

