

# NEGATIVE PRESSURE CHAMBER



**CBRN**



A portable biological isolation chamber designed for safe transport and containment of infectious patients. It uses a negative pressure system with HEPA filtration to prevent contaminated air from escaping, ensuring maximum protection for healthcare workers and the surrounding environment. Built with a durable yet lightweight structure, the chamber enables quick deployment in emergency and high-risk situations.



**Aluminum support & ABS Poles**



**Negative Generation System**



**Zipper System**



**Utility Ports**



**HEPA Filter**



**Belt**



**Optional**



**Glove Portals**



**Charger**

# NEGATIVE PRESSURE CHAMBER



**CBRN**

## Mech spec

Parameter	Requirement
Model	BFG -VI
Unfolded Size(L*W*H)	1900*680*500mm
HEPA Filter	3pcs, 99.999% efficiency for 0.3μm particles
Ventilation	≥50L/min
Chamber Noise	≤65dB(A)
Alarm	Audio and visual alarm for internal pressure insufficient and low power situations
Negative Pressure	≥15Pa in two minutes after power on
Standard Accessory	The main chamber, 3pcs disposable HEPA filter, Negative generation system, 5 pairs PE gloves, Battery and charger, 8 feet long aluminum rods, 4 short aluminum rods, 8 knurled bolts
Consumables	HEPA filter(3pcs/set), PE gloves
Disinfection	Chlorinated disinfectants sterilize surfaces
Optional	Folding stretcher, Stretcher trolley
Load-bearing	Up to 150kg
Power Supply	DC12V power adapter. Battery charging for 8 hours and continuously using for 4~8 hours
Package Size(L*W*H)	860*860*760mm
Net Weight	18kg   20kg
Gross Weight	40kg   42kg

28326REV001

# NEGATIVE PRESSURE CHAMBER

**CBRN**

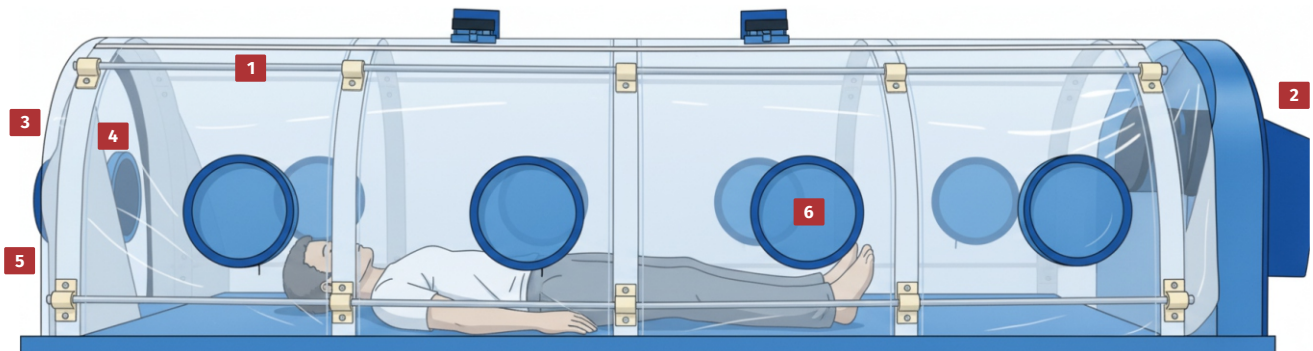


## Key Features & Functions

- ▶ **Negative Pressure System:** Prevents leakage of contaminated air ( $\geq 15\text{Pa}$  in 2 min)
- ▶ **HEPA Filtration:** 99.999% particle removal efficiency
- ▶ **Portable & Collapsible:** Easy to carry, quick setup
- ▶ **Glove Access Ports:** Safe handling without exposure
- ▶ **Utility Ports:** Supports IV, oxygen & equipment
- ▶ **Safety Alarms:** Alerts for pressure & power failure
- ▶ **Secure Mounting:** Compatible with stretcher/bed

## Applications

- ▶ **Hospital & emergency transport**
- ▶ **Infection control at airports & public areas**
- ▶ **Pandemic & outbreak management**
- ▶ **Medical research environments**



- |          |                              |          |               |
|----------|------------------------------|----------|---------------|
| <b>1</b> | Aluminum support & ABS Poles | <b>4</b> | Utility Ports |
| <b>2</b> | Negative Generation System   | <b>5</b> | HEPA Filter   |
| <b>3</b> | Zipper System                | <b>6</b> | Glove Portals |