



Containment Glove Boxes 2300 Series



Price: RFQ

Product Code: 2300-4-D

Manufacturer: CLEATECH LLC

Made in: U.S.A

Lead-time Usually ship in 2-3 week

Description: 2300 Series Open Exhaust loop glove boxes provide **Negative** pressure to protect operators against contamination. They can also be factory configured to **Positive** pressure to protect samples against airborne particles. 2300 glove boxes include a intake HEPA filter and an adjustable speed 480-CFM impeller blower unit, mounted in a Polypropylene housing.

For negative pressure operations glovebox draws the ambient room atmosphere through a 99.97% (@ 0.3µm particles) HEPA filter and then into the chamber. The containment chamber with intake & exhaust HEPA Filters allows safe handling and packaging of powders and other hazardous materials.

Optional exhaust filter removes contaminants from the exhaust air and draws chemical powders or other exhaust particles through a HEPA filter to make it safe for indoor release

Standard Features:

- ¼" Thickness White polypropylene with tempered glass Window, fluorescent light internal or external (or upon request)
- Overall dimensions (Main chamber): 60"Wx24"Dx25"H Overall dimensions (Airlock): 11.750 Wx10.5"Dx10.5"H
- Two access doors open outwards (or inwards upon request) for negative pressure configuration. If an airlock is included, airlock doors open inwards. Doors include a stainless-steel door frame, hinge, one-piece non-adhesive sealing.
- Side door opening 10"x10"
- Blower Module, Adjustable Speed, Backward curved impeller 480-CFM, Permanently lubricated, Automatic reset thermal overload protection, 120VAC, 60Hz, UL Listed; CSA Certified in a Polypropylene Housing.
- Primary HEPA Filter 99.97% efficient at trapping particles as small as 0.3 microns. Filter media is ultrafine glass fiber, Maximum temperature is 180° with 3" thick meet UL Class 2 flame retardance requirements.

Standard Options:

- Secondary HEPA Filter 99.97% efficient at 0.3 microns or ULPA 99.999% efficient at 0.12 microns with 3" thick removes contaminants from the exhaust gas to make it safe for indoor release
- Exhaust Carbon filter with activated carbon coconut shell
- Intake exhaust PVC duct port, Air-tight Cord grip, Feet-troughs
- Hospital grade power strip with four outlets provides 110 VAC if a power outlet is needed inside the glove box.
- Stainless Steel Work surface or spill tray preventing scratching, recommended for transparent gloveboxes which ordered with stand.
- 30" Height Stand, Cleanroom Compatible Power Coated Steel for Glovebox including caster (two locking) (also Available with leveling mount)
- Magnehelic gauge 0-3" W.G. With Polypro. Bracket to monitor inside pressure

Package Info:

- Package Type: Crate
- Package Dimensions: 65"x30"x46" With Airlock: 78"x30"x46"
- Approximate Gross Weight: 180 lbs. With Airlock: 210 lbs.