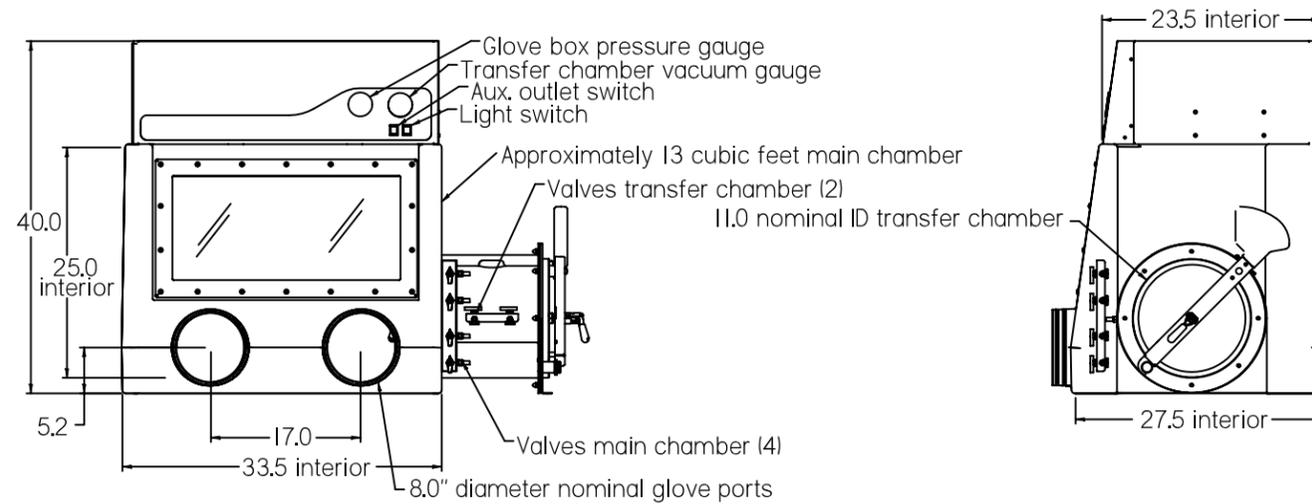


Note: Transfer chamber has a 12.0" minimum interior width



GENERAL DESCRIPTION

Precise Controlled Atmosphere Glove Box

Standard Features

- * One-piece molded, chemical resistant medium density polyethylene shell
- * Dry powder epoxy coated steel superstructure
- * 1/4" thick laminated safety glass viewing window with powder-coated steel frame and neoprene gasket. Cutout is 26.4" w x 12.5" high. Window is easily removable for loading equipment.
- * Space-saving inner and outer transfer chamber doors that pivot upward, counterbalanced and equipped with latches.
- * Black, chemical-resistant phenolic core work surface sealed to the glove box floor
- * Interior ceiling-mounted electrical duplex receptacle with 5 amp maximum circuit load (115 v/110 v)
- * Pair of neoprene gloves, 0.15" thick, 30" long, size 9 3/4
- * Fluorescent lamp, 22 watts, w/easy replacement from the top
- * Switches for light, blower and innermost interior electrical receptacle
- * Approximately 13 cubic feet of interior space in main chamber
- * Interior dimensions: 33.5 w x 27.5 d maximum x 25.0 high
- * 11.0" nominal ID x 12" long transfer chamber
- * Transfer chamber interior interlocking shelf of dry-powder epoxy-coated steel
- * Factory leak tested with mass spectrometer while pressurized with helium at 5 inches of water gauge.
- * Meets class 1 atmosphere containment conditions for oxygen leak rates per ISO 10648-2 test method
- * Pressure relief valve that activates at pressure/vacuum above 6" or below -6" of water gauge
- * Pressure relief valve vent, 4" nominal diameter.
- * Performance tested to maintain less than 5 ppm oxygen levels and less than 50 ppm moisture levels
- * Six manual valves with 3/8" compression fittings and 3/8" hose barbs. Two on the main chamber and two on the transfer chamber are for purging and filling. The other two on the main chamber are for drying train connections.
- * Main chamber pressure gauge with readings from -5 to +5 inches of water gauge.
- * Transfer chamber pressure gauge with readings from 0 to 29 inches of mercury.
- * ETL listing
- * UL 3101-1/61010-1 conformity
- * CE Conformity Marking (230 volt models)
- * CAN/CSA C22.2 No. 1010.1 conformity (115 volt models)
- * Shipping weight 260 lbs
- * All models require: supporting base
- * 5220100 115 volts, 60 Hz, 8 amps
- * 5220120 230 volts, 50 Hz, 4 amps
- * 5220121 230 volts, 60 Hz, 4 amps
- * 5220130 100 volts, 50 Hz, 8 amps
- * 5220131 100 volts, 60 Hz, 8 amps

Glove Boxes for:

Labconco Corporation
8811 Prospect Avenue
Kansas City, Mo 64132-2525
(800) 821-5525
www.labconco.com

No.	Date

Date:
4-10-07

Drawing #
Precise Controlled Atmosphere

Drawn By:
L. Dalton

Checked By:

Approved By:

Sheet No.

SCALE: SCALED TO FIT

Project Title:

Project No.