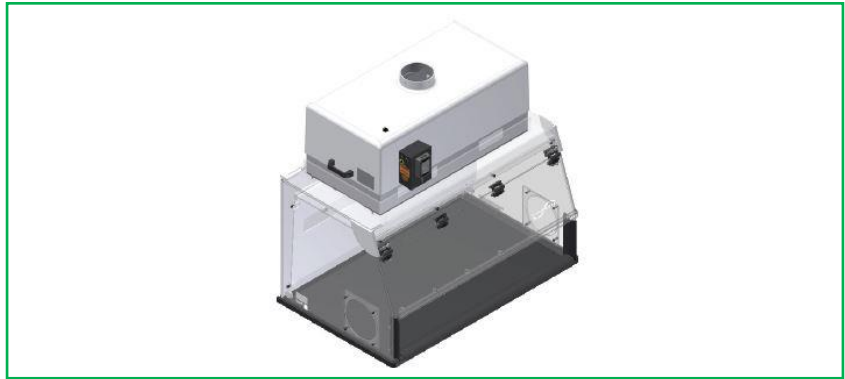




PRODUCT NO.: 6551



CONTAINMENT VENTED ENCLOSURE, FLOW SCIENCES (4 ft)
W 47.8" × D 30.0" × Interior H 24.3", w/Single HEPA Filter

DESCRIPTION: This top mount vented balance enclosure with its own integral exhaust fan, single HEPA bag-out exhaust filter, stable air flow and low vibration characteristics, facilitates highly accurate weighing, and turbulence-free airflow with demonstrably cross-contamination-free characteristics. It is essential to protect the user's health and ensures safety by containing powder and virtually eliminating exposure to potent powders.

FEATURES:

- ✔ A front door lift that allows for easy loading and unloading of equipment
- ✔ The single 4" thick HEPA filter and fan is ideal for benchtop/scale up and nanotechnology applications
- ✔ The top-mounted exhaust system can recirculate air into the lab or send it directly to the house exhaust without transferring vibration from the fan unit to the work surface
- ✔ As an additional safety measure, the Contained Vented Enclosures feature a face velocity alarm that visually and audibly alerts the operator when airflow is compromised
- ✔ In case of an accident, the dished phenolic base is chemically resistant and designed to contain spills
- ✔ The plenums require no tools for removal for ease of cleaning
- ✔ The plenums eliminate roll inside of the enclosure for a laminar work environment

TECHNICAL SPECIFICATIONS:

Nominal Size (ft)		4
External Dimensions, W × D × H (cm / in)		121.3 × 76.2 × 112.5 / 47.8 × 30.0 × 44.3
Internal Dimensions, W × D × H (cm / in)		111.2 × 67.4 × 61.8 / 43.8 × 26.6 × 24.3
Nominal Usable Work Area (m ² / ft ²)		0.5 / 5.5
Face Opening Height (cm / in)		24.1 / 9.5
Approximate Weight (kg / lb)		88 / 193
Velocity Alarm		Integrated Go/No-Go Velocity Alarm – 0.2 Amps
Factory Testing	ASHRAE	ASHRAE 110-2016 Containment of ≤0.050 PPM
	HAM	Human as Mannequin Test of ≤0.050 PPM
Construction Materials	Acrylic	Transparent 0.375" clear front, side panels and curved airfoil
	Polypropylene	White 0.375" baffle, back and top panels
	Phenolic Resin	Black 0.5" Phenolic Base, routed to fit sidewalls for containment

Fan Performance	Volts	110 – 120 AC
	Watts	275
	Amps	2.25
	CFM Required w/Thimble Connection	262 CFM @ 75 LFPM Face Velocity
	Sound Emission	50 – 55 dB at 3 ft
Filter	Filter Type	99.99% Efficient 4" Pleated HEPA Filter
	Filter Size (in)	18 x 36
	Filter Count	Single HEPA

WARRANTY: 1 year