

POWDER CONTAINMENT

PowderSafe™ Type C Enclosure

A universal enclosure built with the application and operator in mind

AirClean® Systems Type C PowderSafe™ ductless balance enclosures incorporate the airflow dynamics and HEPASafe™ features of the PowderSafe™ Type B with the user-friendly features and chemical fume containment capabilities of an AirClean® Systems ductless fume hood. Thermally-fused polypropylene construction makes the PowderSafe™ Type C enclosure perfect for weighing powders or solvents.



AC760 PowderSafe™ Type C shown with optional blue base and stand

Features:

- AirSafe™ automatic safety controller
- Horizontal laminar airflow pattern
- Chemically impervious construction
- HEPASafe™ filter change-out
- High mass — solid polypropylene construction
- Vapor-proof fluorescent light
- Ductless — no installation required
- Available in 110V and 220V AC

Options:

- Bonded carbon multipurpose filtration
- Contrasting base color
- Waste port for weighing vessel disposal

Typical Applications:

- Pharmaceutical compounding
- Powder weighing
- Package opening
- R&D of pharmaceutical compounds
- Animal surgery
- Soldering



Rear wall filtration zone featuring HEPASafe™ filter change-out technology



Real-time monitoring of face velocity and filter condition via AirSafe™



High mass polypropylene construction for balance stability



Electrical and utility cord access port



AC780 PowderSafe™ Type C with standard white base and disposal port. The disposal port minimizes operator exposure to residual powders left on used weighing vessels

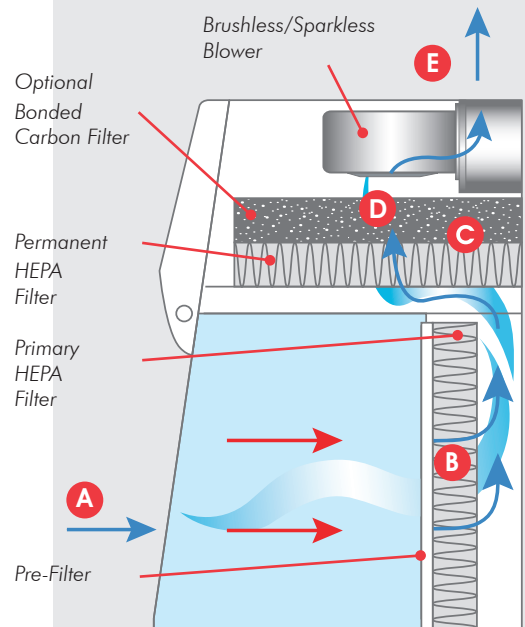


AirSafe™ Automatic Safety Controller provides:

- Constant airflow monitoring
- Variable airflow volume
- Constant monitoring for both HEPA and optional carbon filters
- Audible and visible alarms

How the PowderSafe™ Type C enclosure works:

- 1) Air enters at "A" in an even horizontal laminar fashion.
- 2) Contaminated air enters "B" where particulate is removed via electrostatic pre-filtration and HEPA filtration.
- 3) Particulate free air moves upward to "C" where it enters the HEPASafe™ filtration area.
- 4) Particulate-free air then passes into "D", the bonded carbon filtration bed, where dangerous chemical fumes and vapors are removed.
- 5) Clean air is then exhausted at "E" for return to the laboratory.



POWDERSAFE™ TYPE C ENCLOSURE DIMENSIONS

Product #	External Dimensions			Internal Dimensions		
	Width	Depth	Height	Width	Depth	Height
AC760	36"	30"	44"	35"	22"	25"
AC765	36"	30"	54"	35"	22"	35"
AC770	48"	30"	44"	47"	22"	25"
AC775	48"	30"	54"	47"	22"	35"
AC780	72"	30"	44"	71"	22"	25"
AC785	72"	30"	54"	71"	22"	35"