



Cleanroom Cabinets Powder Protect



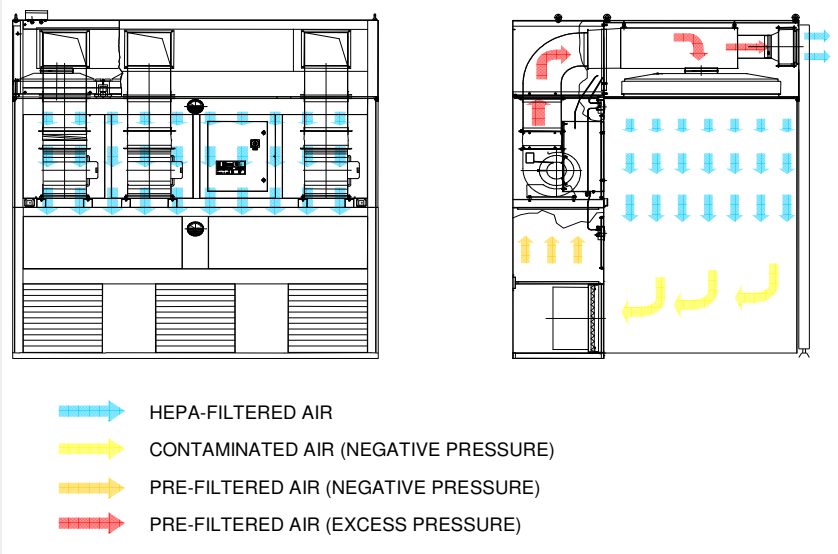
PP2-5

Example

- Containment solution for the handling and dosage of non-sterile products and low / medium active agents)
- Integration of the operator in a cleanroom environment with laminar airflow
- Four fold protection: Product – personnel – internal environment – external environment
- Considering ergonomic principles
- Easy operating via control panel
- Laminar airflow velocity and correct pressurization (supply and exhaust plenum) alarm-controlled
- Automatic regulation and display of laminar airflow
- Air quality cleanroom class ISO 5 as per DIN EN ISO 14644-1
- “Non-operating” failure buzzer alarm, mutable
- Tested, proved and documented quality



Model	PP2-3	PP2-4	PP2-5
Outer dimensions (mm) wxhxd	2100x3000x2200	2810x3000x2200	3520x3000x2200
Inner dimensions (mm) wxhxd	2100x2300x1500	2810x2300x1500	3520x2300x1500
Volume (l)	7245	9695	12144
Pack size (mm) wxhxd Gross weight (kg)	On request	On request	On request
Net weight (kg)	650	900	1150
Electric connection (V / Hz)	230 / 50	230 / 50	230 / 50
Electric power (W)	2530	3795	3910
Fluorescent lamps: number / power (W)	2 / 30	3 / 30	4 / 30
Electric socket (230V / 50Hz / max. 16A)	□	□	□
Blowers: number / power (W)	2 / 1520	3 / 1520	3 / 1520
Pre-filters: number / filter class / separation efficiency (%) / particle size (µm)	2 / G3 / 78 / 10 2 / F9 / 95 / 0.5	3 / G3 / 78 / 10 3 / F9 / 95 / 0.5	4 / G3 / 78 / 10 4 / F9 / 95 / 0.5
HEPA-filters (circ air): number / filter class / separation efficiency (%) / particle size (µm)	3 / H14 / 99.995 / 0.3	4 / H14 / 99.995 / 0.3	5 / H14 / 99.995 / 0.3
HEPA-filters (circ air): size (mm) wxhxd	1220x610x150	1220x610x150	1220x610x150
HEPA-filters (exhaust): number / filter class / separation efficiency (%) / particle size (µm)	1 / H14 / 99.995 / 0.3	2 / H14 / 99.995 / 0.3	2 / H14 / 99.995 / 0.3
HEPA-filters (exhaust): size (mm) wxhxd	610x305x150	610x305x150	610x305x150
Differential pressure manometers for pre- and HEPA filters	■	■	■
Laminar airflow volume (m ³ /h) at 0,45m/s airflow velocity	3200	4250	5300
Exhaust air volume (m ³ /h)	400	500	600
Total air volume (m ³ /h)	3600	4750	5900
Different dimensions		On request	
Several features		On request	

Air shroud scheme (model PP2-4)


May/12 Technical alterations reserved.

(■ = standard; □ = option)