

CLEANAIR

by **BAKER**



BioVanguard

Class II Microbiological Safety cabinet

Key Features

Class II BioVanguard

BioVanguard provides operator protection by inflow, product protection by HEPA-filtered laminar downflow in the working area (30% exhaust; 70% recirculation) and environmental protection by HEPA-filtered exhaust air.



- **Aerofoil** outside the contaminated area instead of having these on top of the inlet grills.



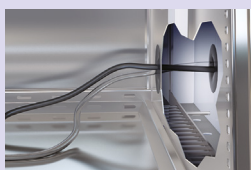
- **V-shaped air slits** provides superior safety by preventing blocking the inflow and contamination from the operator's sleeves.



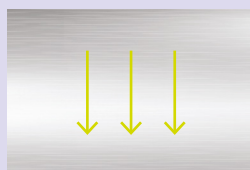
- **Rubber sealing** between the work area and front window assures that the cabinet is gas and airtight for gaseous decontamination.



- **The drip tray underneath the worktop** collects spilled liquids up to 1.5 litres (according EN 12469), preventing these liquids entering parts of the cabinet that are difficult to clean.



- **Double wall** construction around the working area.



- Downflow velocity can be set to **GMP / PIC's** velocities.



Ergonomic Design

Class II BioVanguard

- 7° sloped front window for ergonomic work position of the operator. With predefined working, open and close position.



- Ergonomic epoxy coated aluminium arm rest contributes to comfortable working position of the operator.
- Ergonomic lighting is positioned outside the work area. It does not disturb the downflow, create inconvenient shades or create obstructions during cleaning.



- Ergonomic foot rest is integrated in the optional available support frame.
- User-friendly LCD control panel, positioned in an angle, showing the operator all relevant functions and alarm at a glance.

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Easy to Clean

- Advanced sliding/hinged window: The front window can be hinged completely, opening the entire work area for easy cleaning and/or (un)loading large items.
- Standard equipped with seamless stainless steel single piece work top. Easy to clean and able to collect another 2-3 litres of spilled liquids.



- Standard equipped with stainless steel work area in one piece with round corners, allowing easy cleaning.
- Window grips are glued on the outside of the front window, creating a smooth inner surface which is easy to clean.

Class II BioVanguard



Scan the QR code to learn more about the BioVanguard.

Technical Specification

Class II BioVanguard

BioVanguard

MODEL NUMBER	BIOVANGUARD 3	BIOVANGUARD 4	BIOVANGUARD 5	BIOVANGUARD 6
Exterior Dimensions (w x d x h)	1072 x 787 x 1602	1375 x 787 x 1602	1679 x 787 x 1602	1985 x 787 x 1602
Interior Dimensions (w x d x h)	875 x 550 x 744	1180 x 550 x 744	1485 x 550 x 744	1790 x 550 x 744
Height With Support Frame	2267 / 2367	2267 / 2367	2267 / 2367	2267 / 2367
Working aperture (w x h)	875 x 175 / 330	1180 x 175 / 330	1485 x 175 / 330	1790 x 175 / 330
Cabinet Weight (kg)	200	220	275	300
Exhaust connection Ø	250	250	250	250

BioVanguard B (for high risk microbiological and high toxic applications)

MODEL NUMBER	BIOVANGUARD B4	BIOVANGUARD B6
Exterior Dimensions (w x d x h)	1375 x 787 x 2262	1985 x 787 x 2262
Interior Dimensions (w x d x h)	1180 x 550 x 744	1790 x 550 x 744
Height With Support Frame	2267 / 2367	2267 / 2367
Working aperture (w x h)	1180 x 175 / 330	1790 x 175 / 330
Cabinet Weight (kg)	270	400
Exhaust connection Ø	250	250



Scan the QR code to learn more about CleanAir's range of Laminar Flow and Microbiological Safety cabinets.