



Microbiological Safety Workbenches



BIOSAFE 8-130-2

- Protection: Personnel - product - environment. Safety class II as per DIN EN 12469:2000
- Tested, proved and documented quality
- Parted, perforated or smooth working area, dismountable and autoclavable
- Armrest
- Integrated DEHS-test connection (underneath working area, front left)
- Main-HEPA-filter class H14 as per DIN EN 1822
- Integrated operating hour meter
- Automatic regulation of motor blower speed by high-resolution flow measurement.
- Ergonomic design
- Soft-touch key pad operated microprocessor control with digital display
- Gas fitting solenoid safety valve
- The sash is electrically operated and gives you a optimum visibility
- Laminar flow, exhaust air flow and screen position are alarm-controlled
- Vacuum fitting with manual actuation

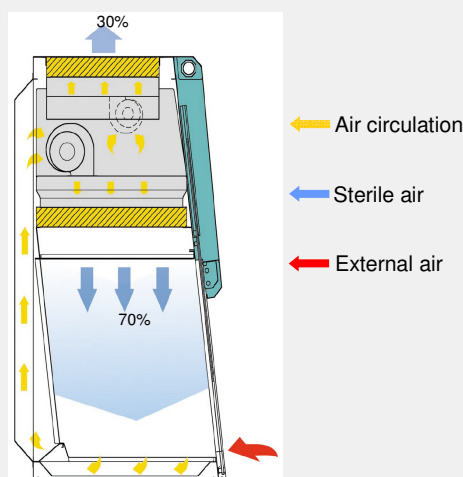


Model	BIOSAFE 8-130-2	BIOSAFE 8-160-2	BIOSAFE 8-190-2
External measurements (mm) wxhxd	1350x1500x860	1655x1500x860	1960x1500x860
Internal measurements (mm) wxhxd	1194x700x600	1499x700x600	1804x700x600
Front opening min. - max. (mm)	245 – 410	245 – 410	245 – 410
Front screen made of multiple-pane safety glass, operate electrically sash window hinged for cleaning and disinfection.	■	■	■
Volume (l)	510	610	750
Packing mass (mm) wxhxd	1450x1720x900	1750x1720x900	2050x1720x900
Net weight (kg)	195	230	265
Electric connection (V / Hz)	230 / 50	230 / 50	230 / 50
Electric power (W) without power socket	1	1840	2000
Integrated power socket protection class IP44	1	1	2
Housing in all-metal construction, epoxy-powder coated, RAL 9010 (pure white), resistant against common disinfectants	■	■	■
Work surface stainless steel AISI 316L, one-piece / multi-part	■	■	■
Fluorescent lamps number / power (W)	2 / 36	2 / 58	2 / 58
Chamber illumination (Lux)	>1000	>1000	>1000
UV-lamp magnetically for arm on the back wall, operation via UV-timer / power (W)	■ / 15	■ / 20	■ / 20
Noise level as per DIN EN 12469 (dB (A))	<59	<57	<57
Main-HEPA-filter: filter class (DIN EN 1822) / separation (MPPS) / particle size (µm)	H14 / 99.995 / 0.3	H14 / 99.995 / 0.3	H14 / 99.995 / 0.3
Main-HEPA-filter: number / size (mm) wxhxd	1 / 1219x610x74	1 / 1525x69x610	1 / 1830x69x610
Exhaust-HEPA-filter: filter class (DIN EN 1822) / separation (MPPS) / particle size (µm)	H14 / 99.995 / 0.3	H14 / 99.995 / 0.3	H14 / 99.995 / 0.3
Exhaust-HEPA-filter: number / size (mm) wxhxd	1 / 457x610x68	1 / 762x69x457	1 / 915x69x457
Number of centrifugal fans, protection class	2 / IP55	2 / IP55	2 / IP55
Air volume: exhaust / circulating / total (m³/h)	482 / 534 / 1016	610 / 1320 / 1930	735 / 1590 / 2325

Options for all models

Additional Exhaust-HEPA-filter	<input type="checkbox"/>
Dry contact	<input type="checkbox"/>
Interface RS232, RS485 or RJ45	<input type="checkbox"/>
Additional power socket inside work area	<input type="checkbox"/>
Sterilisation / Inflatable sealing with vacuum pump and Exhaust air flap for sterilisation	<input type="checkbox"/>
Additional safety valve for medium: Gas / vacuum or air	<input type="checkbox"/>
Fixed stationary metal support, epoxy-powder coated, RAL 7001 (silver grey), high 800mm.	<input type="checkbox"/>
Movable stationary metal support, epoxy-powder coated, RAL 7001 (silver grey), high 800mm.	<input type="checkbox"/>

Airflow



(■ = standard; □ = option; - = not available)

Apr/09 Technical alterations reserved.

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