



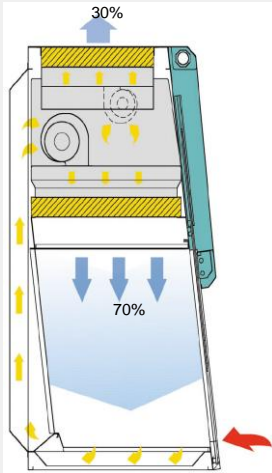
## Microbiological Safety Cabinet



BIOSAFE 8-130-2

- Protection: Personnel - product - environment  
Safety class II as per DIN EN 12469:2000
- Tested, proved and documented quality
- Segmented, perforated working area, made of stainless steel AISI 316 L dismountable and autoclavable
- Audio-visual alarms for incorrect laminar airflow velocity and front sash window
- Integrated DEHS test connection (underneath working area, front left)
- Main HEPA filter class H14 as per DIN EN 1822
- Integrated operating hours counter
- Microprocessor control with digital display, operated via soft touch keypad
- Ergonomic design
- Automatic regulation of motor blower speed by high-resolution flow measurement and display of laminar airflow
- Vacuum fitting with manual actuation (rear wall, right-hand side)
- Integrated 4A socket, protection class IP44 (rear wall, right-hand side)
- Laminar flow, exhaust air flow and screen position are alarm-controlled
- Gas connection with solenoid safety valve



Model	BIOSAFE 8-130-2	BIOSAFE 8-160-2	BIOSAFE 8-190-2
Outer dimensions (mm) w x h x d	1350x1500x860	1655x1500x860	1960x1500x860
Inner dimensions (mm) w x h x d	1192x740x580	1497x740x580	1802x740x580
Front opening min. - max. (mm)	200 – 440	200 – 440	200 – 440
Front screen made of multiple-pane safety glass, electrically operating sash window hinged for cleaning and disinfection	■	■	■
Volume (l)	510	640	770
Packing dimensions (mm) w x h x d	1450x1720x900	1750x1720x900	2050x1720x900
Net weight (kg)	195	225	260
Electric connection (V / Hz)	230 / 50	230 / 50	230 / 50
Electric power (W) without power socket	1220	1380	1540
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, segmented, perforated	■	■	■
Fluorescent lamps: number / power (W)	2 / 36	2 / 58	2 / 58
Chamber illumination (lx)	>1000	>1000	>1000
Noise level as per DIN EN 12469 (dB (A))	<54	<55	<56
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) w x h x d	1 / 1219x69 x610	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) w x h x d	1 / 610x69x457	1 / 762x69x457	1 / 915x69x457
Number of centrifugal fans, protection class	2 / IP55	2 / IP55	2 / IP55
Air volume: exhaust / circulating / total (m <sup>3</sup> /h)	482 / 534 / 1016	610 / 1320 / 1930	735 / 1590 / 2325
<b>Options for all models</b>		<b>Airflow</b>	
UV lamp to be fixed magnetically at the rear wall, operated via UV timer	<input type="checkbox"/>	 <p> <span style="color: yellow;">←</span> Air circulation  <span style="color: blue;">←</span> Sterile air  <span style="color: red;">←</span> External air                 </p>	
Dry contact to control the external exhaust air valve	<input type="checkbox"/>		
Interface RS232, RS485 or RJ45	<input type="checkbox"/>		
Additional power socket inside work area	<input type="checkbox"/>		
Sterilisation / inflatable sealing with compressor and exhaust air flap for sterilisation	<input type="checkbox"/>		
Gas or vacuum connection (manual)	<input type="checkbox"/>		
Stationary metal support, epoxy-powder coated, RAL 7001 (silver grey), height 800mm.	<input type="checkbox"/>		
Stationary metal support, epoxy-powder coated, RAL 7001 (silver grey), height-adjustable by remote-control, height 700 – 1000mm.	<input type="checkbox"/>		

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