

BIOSAFETY CABINET CLASS I

Model EUROAIRE CBK

Features

- Biological safety cabinet type: Class I according to EN 12469.
- Designed to provide full protection for the operator and their surroundings while handling microorganisms or biological products of low and/or moderate risk; product protection is not required.
- Work area and work surface constructed of AISI 304 stainless steel.
- Air is filtered through an H14 HEPA absolute filter (99.995% efficiency at MPPS, EN 1822 standard)
- High-performance motor with adjustable speed.
- The CBK Series of Cabinets is available in two versions: stainless steel or epoxy-coated steel.
- Control panel for power on and control of white and UV lighting.
- Protective barrier in the work zone with a velocity greater than 0.70 m/s; greater than 0.53 m/s if an activated carbon filter is added.



CBK Painted Steel



CBK Stainless Steel

- CBK Series Cabinets include barrier loss alarms triggered by door opening.
- Fluorescent and UV lighting.
- Operating voltage: 220 V, 50/60 Hz.

Optional Accessories:

- Gas inlet with electronically controlled valve.
- Vacuum inlet
- Unit support table.
- Hydrogen peroxide decontamination connector.
- Adapter for external connection with 300 mm diameter outlet.
- Second activated carbon filter.
- USB ports.

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Technical Specifications

MODEL	CBK 80 (P)	CBK 120 (P)	CBK 150 (P)	CBK 170 (P)	CBK 180 (P)
Working area (width x depth x height) mm	800 x 705 x 725	1200 x 705 x 725	1500 x 705 x 725	1700 x 705 x 725	1800 x 705 x 725
External dimensions (mm)	815 x 720 x 1110	1215 x 720 x 1110	1515 x 720 x 1110	1715 x 720 x 1110	1815 x 720 x 1110
Shipping dimensions (mm)	915 x 800 x 1200	1315 x 800 x 1200	1615 x 800 x 1200	1815 x 800 x 1200	2015 x 800 x 1200
Weight (kg)	110	140	170	190	215
Material	Work area and surface made of AISI 304 stainless steel. Models: Work area made of epoxy-coated steel and work surface in AISI 304 stainless steel				NOTE: (P)
Control system	Motor with Manual Continuous Speed Control				
Exhaust filter	Hepa H14 absolute filter with 99.995% mpps efficiency according to EN 1822				
Additional exhaust filter	Activated carbon filter				
HEPA H14 filter barrier	> 0.70 m/s				
Barrier with additional activated carbon filter	> 0.53 m/s				
Noise level	≤ 45 dB				
LED lighting	1 x 10 W 600 mm 800 lux	1 x 14 W 900 mm 1120 lux	1 x 18 W 1200 mm 1338 lux	1 x 23 W 1500 mm 1840 lux	1 x 23 W 1500 mm 1840 lux
Ultraviolet lamp	1 x 20 W	1 x 30 W	1 x 30 W	1 x 30 W	1 x 30 W
Power	220 V, 50 Hz ± 10%				
Applicable standards	NSF 49, EN 12469				
Table Mount	Optional	optional	optional	optional	optional
Engines	1	2	3	3	3
Power consumption W	210	300	500	500	500

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Ordering Information

REFERENCE	DESCRIPTION
00-CBK80	EUROAIRE CBK 80 CLASS I BIOSAFETY CABINET, AISI 304 STAINLESS STEEL
00-CBK80P	EUROAIRE CBK 80 CLASS I BIOLOGICAL SAFETY CABINET, EPoxy-COATED WITH AISI 304 STAINLESS STEEL SURFACE
00-CBK120	EUROAIRE CBK 120 CLASS I BIOSAFETY CABINET, AISI 304 STAINLESS STEEL
00-CBK120P	EUROAIRE CBK 120 CLASS I BIOSAFETY CABINET, EPoxy-COATED WITH AISI 304 STAINLESS STEEL SURFACE
00-CBK150	EUROAIRE CBK 150 CLASS I BIOSAFETY CABINET, AISI 304 STAINLESS STEEL
00-CBK150P	EUROAIRE CBK 150 CLASS I BIOSAFETY CABINET, EPoxy-COATED WITH AISI 304 STAINLESS STEEL SURFACE
00-CBK170	EUROAIRE CBK 170 CLASS I BIOSAFETY CABINET, AISI 304 STAINLESS STEEL
00-CBK170P	EUROAIRE CBK 170 CLASS I BIOSAFETY CABINET, EPoxy-COATED WITH AISI 304 STAINLESS STEEL SURFACE
00-CBK180	EUROAIRE CBK 180 CLASS I BIOSAFETY CABINET, AISI 304 STAINLESS STEEL
00-CBK180P	EUROAIRE CBK 180 CLASS I BIOSAFETY CABINET, EPoxy-COATED WITH AISI 304 STAINLESS STEEL SURFACE
52-ADAP-CBK80	ADAPTER FOR EXTERNAL EXHAUST, CBK80 CABINET, PIPE DIAMETER 300 MM
52-ADAP-CBK1215	ADAPTER FOR EXTERNAL EXHAUST, CBK120/150 CABIN, PIPE DIAMETER 300 MM
52-ADAP-CBK1718	ADAPTER FOR EXTERNAL EXHAUST, CABIN CBK170/180, PIPE DIAMETER 300 MM
52-MSOPCBK80	CABIN SUPPORT TABLE, 40 mm pipe, epoxy-coated CBK80 800 (width) x 700 (depth) x 900 (height) (mm)
52-MSOPCBK120	CABIN SUPPORT TABLE, 40 mm tube, epoxy-coated, CBK120 1200 (W) x 700 (D) x 900 (H) (mm)
52-MSOPCBK150	CABIN SUPPORT TABLE, 40 mm tube, epoxy painted, CBK150 1500 (W) x 700 (D) x 900 (H) (mm)
52-MSOPCBK170	CABIN SUPPORT TABLE, 40 mm tube, epoxy painted CBK170 1700 (W) x 700 (D) x 900 (H) (mm)
52-MSOPCBK180	CABIN SUPPORT TABLE, 40 mm tube, epoxy painted CBK180 1800 (W) x 700 (D) x 900 (H) (mm)

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