

BIOLOGICAL SAFETY CABINET CLASS I

Models EUROAIRE CBK

Characteristics

- Biological safety cabin of type: class I according to normative EN 12469.
- Designed to give Total protection operator and its environment while handling microorganisms or biological products of low and/or moderate risk, not being necessary protection to the product.
- Work area and work surface constructed of AISI 304 stainless steel.
- The air is filtered by an absolute HEPA H14 filter (effective 99.995% MPPS normative en1822)
- High performance Motor and adjustable speed.
- The series of CBK cabins are constructed in two materials: stainless steel or painted steel formats epoxy.
- Control Panel for lighting and control of white and UV illumination.
- Protection barrier in working area speed greater than 0.70 m/s and 0.53 m/s if this have additional active carbon filter.



CBK steel INOX

- CBK series cabins include barrier loss alarms by door opening.
- Fluorescent and UV-excluder lighting.
 - Working voltage 220 V. 50/60 Hz.

Optional accessories:

- Gas outlet electronically controlled valve and vacuum socket
- Support table.
- Decontamination connector by hydrogen peroxide.
- Adapter for outdoor connection 300 mm diameter output.
- Second activated charcoal filter.
- USB



CBK steel PAINTED

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BIOLOGICAL SAFETY CABINET

CLASS I

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Technical Characteristics

MODEL	CBK 80 (P)	CBK 120 (P)	CBK 150 (P)	CBK 170 (P)	CBK 180 (P)
Working Area (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
Overall Dimension (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
Package size (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
Net Weight (kg)	110	140	170	190	215
Material	Working area and work surface built in AISI 304 stainless steel. NOTE: Models (P) Working area Epoxy painted steel and Stainless Steel AISI 304 surface				
Control System	Motor with Manual Continuous Regulation				
Exhaust filter	Absolute filter Hepa H14, efficiency: 99.995% mpps according to regulation EN 1822				
Additional exhaust filter	Active Carbon Filter				
Barrier with Filter Hepa H14	> 0,70 m/s				
Barrier with additional Active Carbon Filter	> 0,53 m/s				
Noise Level	≤ 45 db				
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
UV 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%				
Applied regulations	NSF 49, EN 12469				
Support Table	Optional	Optional	Optional	Optional	Optional
Blower	1	2	3	3	3
Watts	210	300	500	500	500

Ordering Information

Ref.	Description
00-CBK80	Biological safety cabinet Type I mod. CBK 80 stainless steel. AISI 304
00-CBK80P	Biological safety cabinet Type I mod. CBK 80 epoxy painted and stainless steel surface. AISI 304
00-CBK120	Biological safety cabinet Type I mod. CBK 120 stainless steel. AISI 304
00-CBK120P	Biological safety cabinet Type I mod. CBK 120 epoxy painted and stainless steel surface. AISI 304
00-CBK150	Biological safety cabinet Type I mod. CBK 150 stainless steel. AISI 304
00-CBK150P	Biological safety cabinet Type I mod. CBK 150 epoxy painted and stainless steel surface. AISI 304
00-CBK170	Biological safety cabinet Type I mod. CBK 170 stainless steel. AISI 304
00-CBK170P	Biological safety cabinet Type I mod. CBK 170 epoxy painted and stainless steel surface. AISI 304
00-CBK180	Biological safety cabinet Type I mod. CBK 180 stainless steel. AISI 304
00-CBK180P	Biological safety cabinet Type I mod. CBK 180 epoxy painted and stainless steel surface. AISI 304
52-ADAP-CBK80	Adapter outdoor ejection cabin CBK 80 tube diameter 300 mm
52-ADAP-CBK1215	Adapter outdoor ejection cabin CBK 120/150 tube diameter 300 mm
52-ADAP-CBK1718	Adapter outdoor ejection cabin CBK 170/180 tube diameter 300 mm
52-MSOPCBK80	Cabin support table, tube 40 epoxy painted CBK 80 800(width) x 700(depth) x 900(height)(mm)
52-MSOPCBK120	Cabin support table, tube 40 epoxy painted CBK120 1200(width) x 700(depth) x 900(height)(mm)
52-MSOPCBK150	Cabin support table, tube 40 epoxy painted CBK150 1500(width) x 700(depth) x 900(height)(mm)
52-MSOPCBK170	Cabin support table, tube 40 epoxy painted CBK170 1700(width) x 700(depth) x 900(height)(mm)
52-MSOPCBK180	Cabin support table, tube 40 epoxy painted CBK180 1800(width) x 700(depth) x 900(height)(mm)

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