



New!

SilverLINE

Kojair® BlueSeries Technology

- Safe • Silent • Saving energy



Microbiological
Safety Cabinet
class II

EN 12469 certified by TÜV





Microbiological Safety Cabinet class II
certified according to EN 12469

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Kojair sets a new benchmark for the whole industry

- Energy consumption minimized and environmental effects of the cabinet optimized by improved technology and careful selection of components.
- **Low total consumption of energy**, from 170 W (size 130) with normal flow speed and working lights on.
- Lower heat emission and minimized total power of the cabinets enable more cabinets in the same laboratory room. Also the need for room ventilation is smaller due to smaller heat emission.

Non-compromising safety

- **Kojair always puts safety first**, we never take risks by minimizing the flows.
- All the flows in the cabinet are set to levels, guaranteeing the safety of the user, environment and operation. (Typical downflow 0,4 m/s).
- Acoustic and visual alarms in any failure of air flows and in a false front window position.
- Uniform laminar airflow (mean value even $\pm 5\%$) over the whole working area secures safe operation.

Excellent ergonomics

- Silent and comfortable sound level from 44 dBa. **The most silent cabinet in the world!**
- Frequency of the remaining noise optimized to minimize the user annoying frequencies.
- Efficient light tubes (up to 3500 lux) together with optimal tube positions ensure unique shadowless lightning over the whole working area.
- Developed ergonomics enables better concentration of the user, meaning safe operation.
- Completely closing electrical sliding front window.





Kojair ergonomics ensure safe and practical working conditions.



Installation

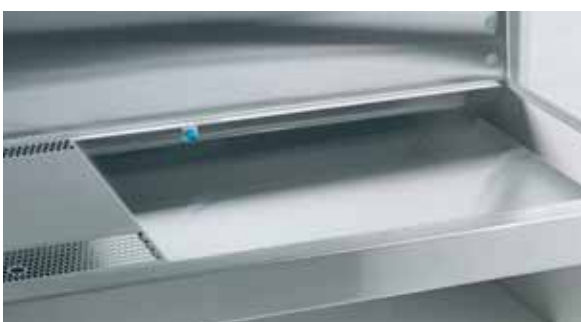
- The cabinet will easily fit through common 80 cm wide door openings.
- The height of the working surface can be set to 700 mm, 800 mm or 900 mm.
- Exhaust ducting connection (optional), selectable to fixed or thimble type.

Maintenance

- All maintenance can be performed from the front. Accessibility developed by new cover structure.
- Easy performance of annual testing procedures.
- Longer filter lifetime because of thicker filter material.

Easy to clean

- All surfaces are smooth without any screws or crevices. Details of cabinet developed further to guarantee easier cleaning.
- Airflow laminator protects the filter surface during wipe cleaning.
- The polished stainless steel three-piece table top is easy to remove for cleaning.
- Stainless steel bottom sink with round corners.
- The front window can be easily cleaned both inside and outside.
- Side and front windows are made of laminated glass.



Dimensions and Features

Biowizard Silver Line Blue Series	100	130	170	200
Total width (mm) B	975	1280	1625	1930
Working space (mm)				
Width	885	1190	1535	1840
Depth	600	600	600	600
Height	680	680	680	680
Air volumes (m ³ /h)				
Recirculation	725	965	1205	1444
Exhaust				
≙ In flow 0,45 m/s	284	383	494	593
Total	1009	1348	1699	2037
• Exhaust duct (ø, mm)	200	200	250	250
• Exhaust duct location A	487	640	812	965
Standard lighting (W)	2x36	2x36	2x36	2x36
light level up to, with 2 x 55 W (lux)	3500	3500	3000	3000
Weight incl. base (kg)	180	240	290	330
Power consumption from (W)	105	170	191	240



Transport height with base 1990 mm,
without base 1440 mm

• = option

Optional features

- Adjustable electric base stand
- Gas tap with safety valve
- Exhaust duct connector, fixed/thimble type
- Extra electric socket
- Vacuum tap
- Electrically operated base stand
- External movable armrests
- Compressed air tap
- Antiflow back valve
- Table top in one piece
- UV light with magnets
- Potential free signals

Leading expertise in **clean air technology**



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Finnish design and manufacturing