



# BIOWIZARD *SilverLine*

Safe - Silent - Saving energy



Microbiological  
Safety Cabinet  
Class II

*Kojair*  
**BlueSeries**  
Technology

# BIOWIZARD *SilverLine*

## Safe - Silent - Saving energy

### 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, ensuring 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 dB(A).
- The user annoying frequencies are minimized.



- 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 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.





*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 through thicker filter material.



## Easy to clean

- All surfaces are smooth without any screws or crevices. Details of cabinet developed further to ensure easier cleaning.
- Airflow laminator protects the filter surface during wipe cleaning.
- The brushed 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.





## BIOWIZARD

# SilverLine

Microbiological Safety Cabinet  
 Class II EN 12469 certified by TÜV

### Dimensions and Features

BIOWIZARD SilverLine 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	655	655	655	655
Air volumes (m <sup>3</sup> /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	2500	2500	2000	2000
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

### Optional Features

- Adjustable electric base stand
- Gas tap with safety valve
- Exhaust duct connector, fixed/thimble type
- Extra electric socket
- Vacuum tap
- Extra efficient light tubes (2 x 55 W)
- External movable armrests
- Compressed air tap
- Antiflow back valve
- Table top in one piece
- UV light with magnets
- Potential free signal



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MADE IN  FINLAND