SilverLINE

● Safe ● Silent ● Saving energy

Kojair®
BlueSeries
Technology

Microbiological Safety Cabinet class II
EN 12469 certified by TÜV
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 ±5%) over the whole working area secures safe operation.

Excellent ergonomics
- Silent and comfortable sound level < 52 dBA.
- The user annoying frequencies are minimized.
- Efficient light tubes (up to 3500 lux) together with optimal tube positions ensure unique shadowless lighting 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 because of 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.
## Dimensions and Features

<table>
<thead>
<tr>
<th>Biowizard Silver Line Blue Series</th>
<th>100</th>
<th>130</th>
<th>170</th>
<th>200</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total width (mm) B</td>
<td>975</td>
<td>1280</td>
<td>1625</td>
<td>1930</td>
</tr>
<tr>
<td>Working space (mm)</td>
<td></td>
<td></td>
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<tr>
<td>Width</td>
<td>885</td>
<td>1190</td>
<td>1535</td>
<td>1840</td>
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<tr>
<td>Depth</td>
<td>600</td>
<td>600</td>
<td>600</td>
<td>600</td>
</tr>
<tr>
<td>Height</td>
<td>655</td>
<td>655</td>
<td>655</td>
<td>655</td>
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<tr>
<td>Air volumes (m³/h)</td>
<td></td>
<td></td>
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<tr>
<td>Recirculation</td>
<td>725</td>
<td>965</td>
<td>1205</td>
<td>1444</td>
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<tr>
<td>Exhaust</td>
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<td></td>
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<tr>
<td>In flow 0.45 m/s</td>
<td>284</td>
<td>383</td>
<td>494</td>
<td>593</td>
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<tr>
<td>Total</td>
<td>1009</td>
<td>1348</td>
<td>1699</td>
<td>2037</td>
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<tr>
<td>Exhaust duct (ø, mm)</td>
<td>200</td>
<td>200</td>
<td>250</td>
<td>250</td>
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<tr>
<td>Exhaust duct location A</td>
<td>487</td>
<td>640</td>
<td>812</td>
<td>965</td>
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<tr>
<td>Standard lighting (W)</td>
<td>2x36</td>
<td>2x36</td>
<td>2x36</td>
<td>2x36</td>
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<tr>
<td>light level up to</td>
<td>2500</td>
<td>2500</td>
<td>2000</td>
<td>2000</td>
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<td>Weight incl. base (kg)</td>
<td>180</td>
<td>240</td>
<td>290</td>
<td>330</td>
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<tr>
<td>Power consumption from (W)</td>
<td>105</td>
<td>170</td>
<td>191</td>
<td>240</td>
</tr>
</tbody>
</table>

### 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 signals

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Leading expertise in **clean air technology**

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