Fume hood is one of the necessary facilities for laboratory. It will discharge poisonous, harmful, flavourous air caused in experiment very promptly by means of effective local ventilation type. It will ensure the physical and psychological health for operator. After cooperating with authority organization in this field, our company has developed various products with different functions and designs. It can meet higher requirements from different customers. Main type: standard fume hood, walk-in fume hood, up-table fume hood, mending wind fume hood, combined fume hood and fume hood with acid storage.
Introduction:

Cabinet Structure: Material: All steel (1.0mm cold-rolling steel or 1.0mm stainless steel) covered with electrostatic spraying after folding, welding, polishing, acid cleaning, phosphorization, chemical resistance.

Inner liner panel: Imported from America, 6mm compact panel, acid and alkali resistance, temperature-resistance, anti-moisture.

Guide plate: Imported from America, 6mm compact panel, reasonable and knock-down guide structure.

Concentrated and effective discharge air, letting off different poisonous gas.

Operation Table board: lab-grade phenolic resins worktop, or epoxy resin worktop, or ceramic worktop and stainless steel as worktop.

Window: 6mm thickness steel safe glass, balancing form elevation and subsidence, it can be stopped at any position by pulling.

Lighting equipment: 30W antisepsis daylight lamp, lamp house is insulated with gas. Lightness on table not lower than 400LUX.

Operation panel: lighting switch, ON/OFF switch, two sets of 220V/10A versatile electric socket.

Ventilation equipment: selecting rust-resistance, low wasting, low noise and famous fan and special wind tube. Noise can be reduced at about 55 DB.

Accessories:

vertical and single test cock: made by yellow brass, the surface is treated by EPOXY baking paint.

Cup slot: acid and alkali resistance, PP water cup.
Standard Fume Hood

The poisonous air can be limited in minimum range and discharged rapidly

<table>
<thead>
<tr>
<th>Type</th>
<th>Specification(mm)</th>
<th>Face velocity(m/s)</th>
<th>Air volume(m³/h)</th>
<th>Pressure balance(Pa)</th>
<th>Noise DB(A)</th>
</tr>
</thead>
<tbody>
<tr>
<td>St1200</td>
<td>1200×850×2350</td>
<td>0.4~0.8</td>
<td>1200~1500</td>
<td>40~85</td>
<td>≤54</td>
</tr>
<tr>
<td>St1500</td>
<td>1500×850×2350</td>
<td>0.4~0.8</td>
<td>1500~2000</td>
<td>50~120</td>
<td>≤54</td>
</tr>
<tr>
<td>St1800</td>
<td>1800×850×2350</td>
<td>0.4~0.8</td>
<td>1800~2500</td>
<td>60~150</td>
<td>≤54</td>
</tr>
</tbody>
</table>
To meet the requirement of storing strong acid and alkali, the nether cabinet is designed as acid storage cabinet which connects with exhaust system of fume hood.

The nether cabinet will exhaust only when the exhaust system of fume hood works. PP is used as the material for drawers and slide rails etc in acid storage cabinets.
Walk-In Fume Hood

It's suitable for placing large instruments into the fume hood and operator is easy to enter into it.

Introduction:
Cabinet Structure: Material: All steel covered with electrostatic spraying after folding, welding, polishing, acid cleaning, phosphorization, chemical resistance.
Inner liner panel: Imported from America, 6mm compact panel, acid and alkali resistance, temperature-resistance, anti-moisture.
Guide plate: Imported from America, 6mm compact panel, reasonable and knock-down guide structure. Concentrated and effective discharge air, letting off different poisonous gas.
Window: 6mm thickness steel safe glass, balancing form elevation and subsidence, it can be stopped at any position by pulling.
Lighting equipment: 30W antisepsis daylight lamp, lamp house is insulated with gas. Lightness on table not lower than 400LUX.
Operation panel: lighting switch, ON/OFF switch, two sets of 220V/10A versatile electric socket.
Mending air from outside, it can avoid high negative voltage and stabilize temperature in chamber. In addition, air purification device can be installed to improve the clean class for experiment environment.

Introduction:
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Window: 6mm thickness steel safe glass, balancing form elevation and subsidence, it can be stopped at any position by pulling.
Lighting equipment: 30W antisepsis daylight lamp, lamp house is insulated with gas. Lightness on table not lower than 400LUX.
Operation Table board: lab-grade phenolic resins worktop, or epoxy resin worktop, or ceramic worktop and stainless steel as worktop. Operation panel: lighting switch, ON/OFF switch, two sets of 220V/10A versatile electric socket.
Vertical and single test cock: made by yellow brass, the surface is treated by EPOXY baking paint.
Cup slot: acid and alkali resistance, PP water cup.
Up-Table Fume Hood

It's with 4 sides' steel glasses. It widens the sight of operator largely. This product is widely used in organo, Synthesis and teaching laboratory.

Introduction:
Cabinet Structure: Material: All steel (1.2mm cold-rolling steel) covered with electrostatic spraying after folding, welding, polishing, acid cleaning, phosphorization, chemical resistance.
Inner liner panel: Imported from America, 6mm compact panel, acid and alkali resistance, temperature-resistance, anti-moisture.
Guide plate: Imported from America, 6mm compact panel, reasonable and knock-down guide structure. Concentrated and effective discharge air, letting off different poisonous gas.
Operation Table board: lab-grade phenolic resins worktop, or epoxy resin worktop, or ceramic worktop and stainless steel as worktop.
Window: 6mm thickness steel safe glass, balancing form elevation and subsidence, it can be stopped at any position by pulling.
Lighting equipment: 30W antisepsis daylight lamp, lamp house is insulated with gas. Lightness on table not lower than 400LUX.
Operation panel: lighting switch, ON/OFF switch, two sets of 220V/10A versatile electric socket.
Ventilation equipment: selecting rust-resistance, low wasting, low noise and famous fan and special wind tube. Noise can be reduced at about 55 DB.
Accessories:
vertical and single test cock: made by yellow brass, the surface is treated by EPOXY baking paint.
Cup slot: acid and alkali resistance, PP water cup
Space has been extended. It furnishes more space for operating and instruments. Space has been used to reach its maximum by reasonable space combining.

Introduction: Cabinet Structure: Material: All steel covered with electrostatic spraying after folding, welding, polishing, acid cleaning, phosphorization, chemical resistance.

Inner liner panel: Imported from America, 6mm compact panel, acid and alkali resistance, temperature-resistance, anti-moisture.

Guide plate: Imported from America, 6mm compact panel, reasonable and knock-down guide structure. Concentrated and effective discharge air, letting off different poisonous gas.

Window: 6mm thickness steel safe glass, balancing form elevation and subsidence, it can be stopped at any position by pulling.

Lighting equipment: 30W antisepsis daylight lamp, lamp house is insulated with gas. Lightness on table not lower than 400LUX.

Operation Table board: lab-grade phenolic resins worktop, or epoxy resin worktop, or ceramic worktop and stainless steel as worktop Operation panel: lighting switch, ON/OFF switch, two sets of 220V/10A versatile electric socket.

Vertical and single test cock: made by yellow brass, the surface is treated by EPOXY baking paint.

Cup slot: acid and alkali resistance, PP water cup.
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