The Solution Work Station was designed to allow 360 degree viewing for undergraduate teaching labs. The SWS maximizes ambient light throughout the hood for optimal demonstration and ease of access. All plumbing fixtures are front loaded valves and are within arms reach for a safer environment. In addition, this hood has the flexibility necessary to allow back-to-back or side-by-side configurations if necessary.
Standard Configurations

- Full Frame Construction
- Chain & Sprocket Shaft Drive Sash
- UL1805 Listed
- Flush Mount Airfoil
- LED Lights
- Full Frame Construction
- Powder Coated Finish
- Optimal Interior Work Depths
- Knock Down

Electrical Junction Box

Removable Front Access Panel

7/32" Clear Laminated Safety Glass

Painted Steel Flush Airfoil/Trough

Glass Options:
- **Option 1:** 7/32" Clear Laminated Safety Glass Rear Panel
- **Option 2:** Powder Coated Steel Rear Panel
- **Option 3:** Polyresin UL Listed (White) Rear Panel

Hood Height w/ Counter Top

69 3/8"

69 1/4"
The Solution Work Station (SWS) is a bench mounted, ducted fume hood designed to allow 360 degree viewing. The 7/32 clear, laminated safety glass side panels protects students and on-lookers while giving them a clear view of the processes inside. Also included are two LED bulbs to make sure your experiments are clearly illuminated for all to see.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>18&quot; Sash Height</th>
<th>28&quot; Sash Height</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>CFM @ 100 FPM / Static Pressure</td>
<td>CFM @ 60 FPM / Static Pressure</td>
</tr>
<tr>
<td>SWS-48</td>
<td>475 / 0.09</td>
<td>285 / 0.03</td>
</tr>
<tr>
<td>SWS-60</td>
<td>625 / 0.11</td>
<td>375 / 0.04</td>
</tr>
<tr>
<td>SWS-72</td>
<td>775 / 0.15</td>
<td>465 / 0.05</td>
</tr>
<tr>
<td>SWS-96</td>
<td>1075 / 0.10</td>
<td>645 / 0.03</td>
</tr>
</tbody>
</table>

The SWS fume hood has a 37.5" hood opening for the taller equipment that might need to be placed in the hood.

Front load valves and outlets within arms’ reach are standard so no need to put your head inside the hood to access plumbing fixtures.
**Standard Accessories**

**Work Surface Material**
- Black Epoxy (Standard)
- Type 304 Stainless Steel
- Type 316 Stainless Steel
  - *Other Colors available*

**Base Cabinet Options**
- Acid Cabinet
- Flammable Cabinet
- Vacuum Pump Cabinet
- Hood Base Frame
- Sink Base Cabinet

**Service Fittings**
- Air
- Gas
- Water
- Push-Button Sash Release
- (Optional) 120V GFI Duplex
- or
- (Optional) Light Switch

**Fixtures**
- Alarm 500
- Alarm 1000
- VAV (Cutout Only)

**Service Type**
- Ball Valve w/ Lever
- Needle Valve w/ Four-arm
- Front Mount Valve w/ Four-arm

**Cupsink Location**
- 3” x 6”
- 3” x 9”
- 1/4” Raised Rim
- No Cupsink

**Service Type**

* Many other options available. Please contact AMS for specific applications *