



















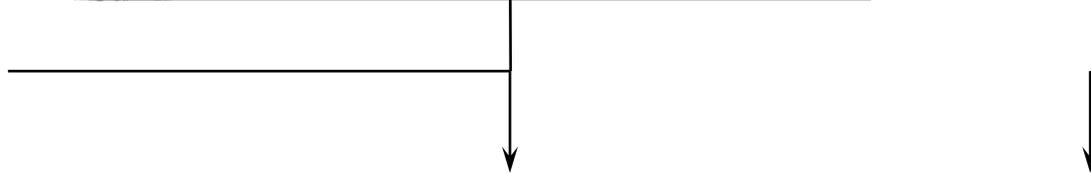
## Clean Benches

- Protects your work from airborne particulates and cross contamination
- For product protection only
- 2', 3', 4', 6' vertical clean benches and PCR enclosures
- 3', 4', 6', 8' horizontal clean benches

Horizontal

Vertical

- 1) Construction
- 2) Airflow Velocities
- 3) Airflow Profile
- 4) Exhaust System



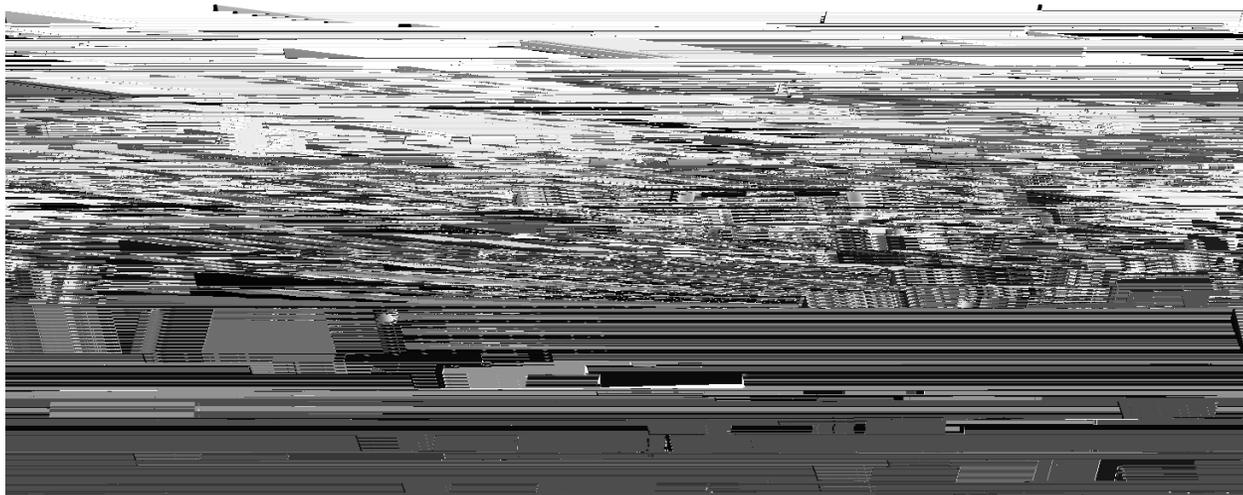


- Personnel (User) Protection
  - Pulls room air around the user into BSC
  - Returns HEPA filtered air into the lab
  -



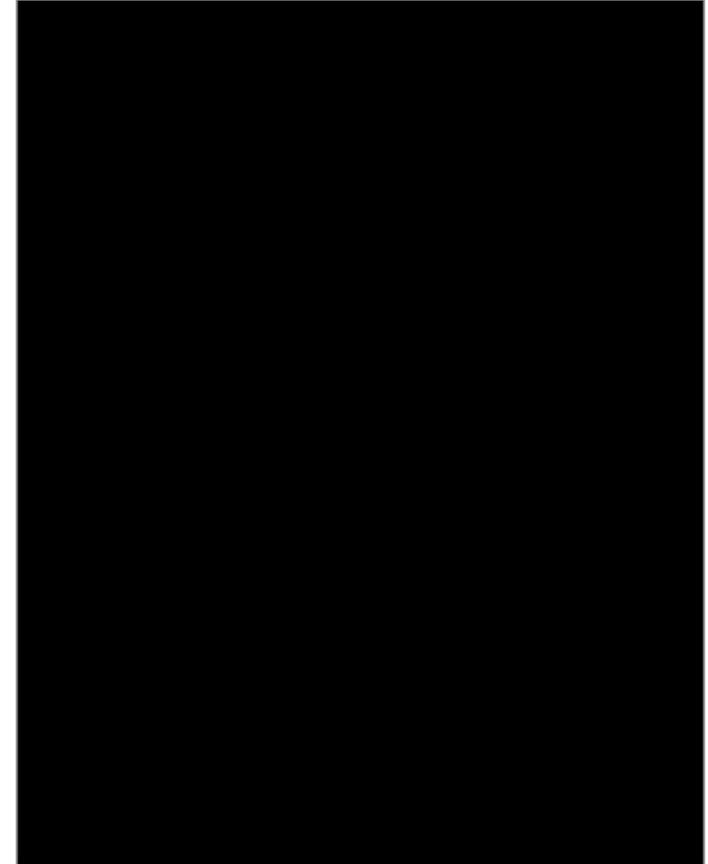








- Entire work surface is 100% exhausted
- High CFM requirement (2x A2)
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- Type A2
  - Most common type of BSC
  - Can be vented for odors or small volumes of chemicals
- Type B2
  - 100% exhaust design for high volumes of chemicals
  - Expensive installation and operating costs
- Type C1
  - Flexible for 10.8 Type A or B