

## GENERAL DESCRIPTION

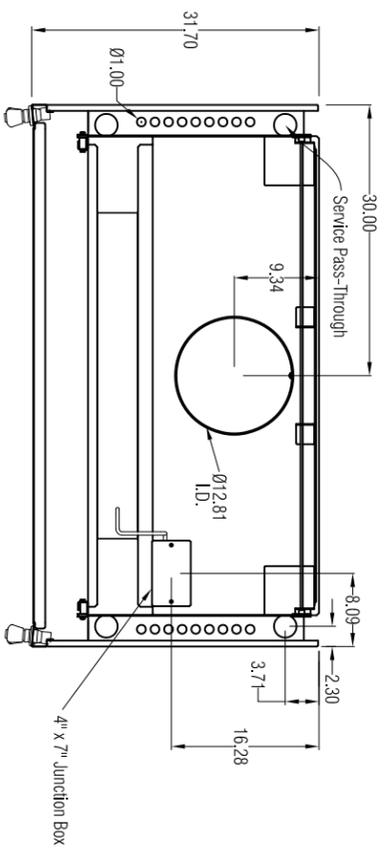
5' Protector Premier Laboratory Hood  
Model: 100500002

- Exterior Superstructure
- \* Double Wall Construction \* Cold Rolled Steel
- Interior Superstructure
- \* Galvanized Steel (standard)
- Left / Right Facio:
- \* Powder Coated Steel \* Color: Glacier White
- Liner Material
- \* Molded Fiberglass Reinforced Polyester Resin Side Panels
- \* Both Sides \* Removable \* Color: Glacier White
- Baffles
- \* Molded Fiberglass Reinforced Polyester Resin Interior Access Panels
- \* None
- Corner Post with Access Covers
- \* Right and Left Sides
- \* Cold Rolled Steel
- Air Foil
- \* Cold Rolled Steel \* Powder Coat Finish
- Sash
- \* Vertical Travel
- \* Tempered Safety Glass
- \* Counter Weighted and Balanced
- Pulley System
- Electrical Fixtures
- \* LED Light and Tubes w/ Switch
- \* Duplex, 115VAC / 60Hz / 20A / GFCI Alarm / Monitor (Sold Separately)
- \* Factory Prepared for Air Flow Monitor/Alarm

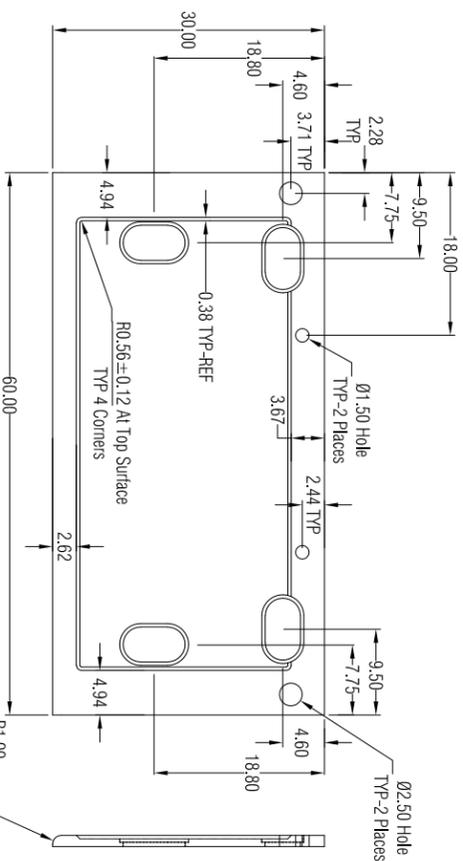
- Wiring
- \* Furne Hood Wired at Factory
- \* Electrical Connection made inside 4x7 Junction Box
- \* 100-115V, 50/60 Hz
- Service Fixtures
- \* Labconco \* Color-Coded Hooded Handle \* Front Loading
- \* Ports included to convert standard fixtures to Vacuum or Air

Symbol	Service	Color
CW	Cold Water	Green
GS	Gas	Blue
AC	Compressed Air	Orange
Vac	Vacuum	Yellow

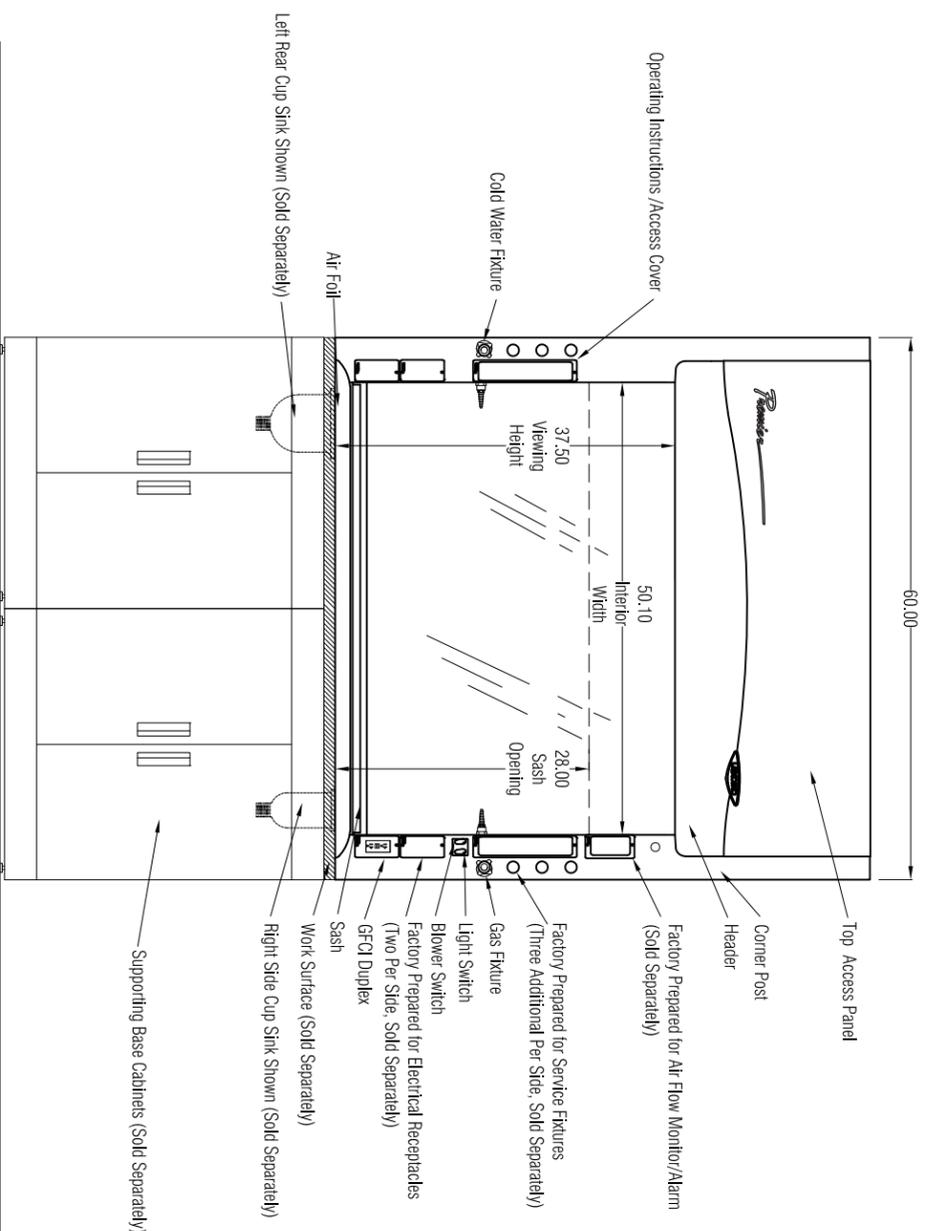
- Plumbing
- \* Connections Made with Swagelok Compression Fittings
- \* Final connection by others
- \* Pre-Piped to Valve Outlet
- \* Standard Water Piping is 1/4" Copper Tubing
- \* Air and Vac Piping is 1/4" Copper Tubing
- \* Standard Gas Piping is 1/4" Brass Tubing
- Work Surface (Sold Separately)
- \* Black Epoxy Work Surface, Model 95005-XX (See below for XX)
- \* # 00 - No cup sink cutouts
- \* # 01 - Cup sink cutout right rear location
- \* # 02 - Cup sink cutout right side location
- \* # 10 - Cup sink cutout left rear location
- \* # 20 - Cup sink cutout left side location
- \* # 11 - Cup sink cutouts left and right rear locations
- \* # 22 - Cup sink cutouts left and right side locations
- Cup Sink (Sold Separately)
- \* Black Oval Polypropylene Cupsink, 3" x 6", # 4005200
- Required Accessories (Sold Separately)
- \* Remote Blower
- \* Supporting Base



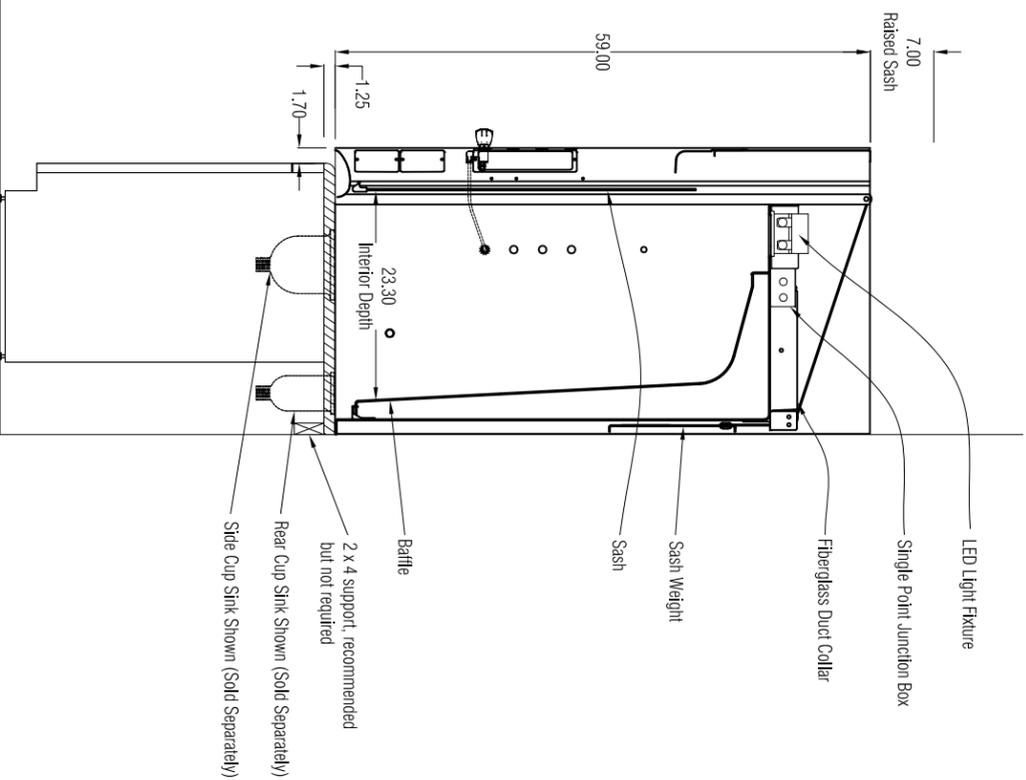
TOP VIEW



WORK SURFACE (Sold Separately) 95005-XX (See General Description) for XX value) Model number varies based on sink location selection This Edge Only



FRONT VIEW



SIDE VIEW

Face Velocity (fpm)	Static Pressure (inches of water)	Airflow Volumetric Rate (CFM) @ 100% open (28")	Static Pressure (inches of water)	Airflow Volumetric Rate (CFM) @ 62.5% open (18")
100	955 @ 0.31"	595 @ 0.12"		
80	765 @ 0.20"	480 @ 0.08"		
60	575 @ 0.11"	360 @ 0.04"		

Assembly and Croting  
\* Pre-Assembled  
\* Politeized

SCALE: Scaled to fit



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FUME HOODS for:

Rev \_\_\_\_\_ Date \_\_\_\_\_

Date: June 2023

Drawing #: 100500002

Drawn By: C. Alumbaugh

Checked By: \_\_\_\_\_

Approved By: \_\_\_\_\_

Sheet No. \_\_\_\_\_