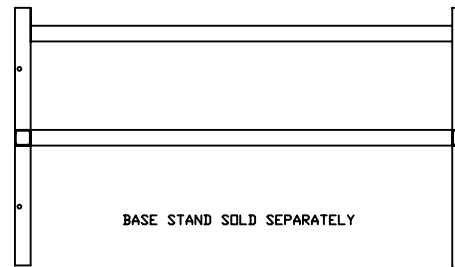
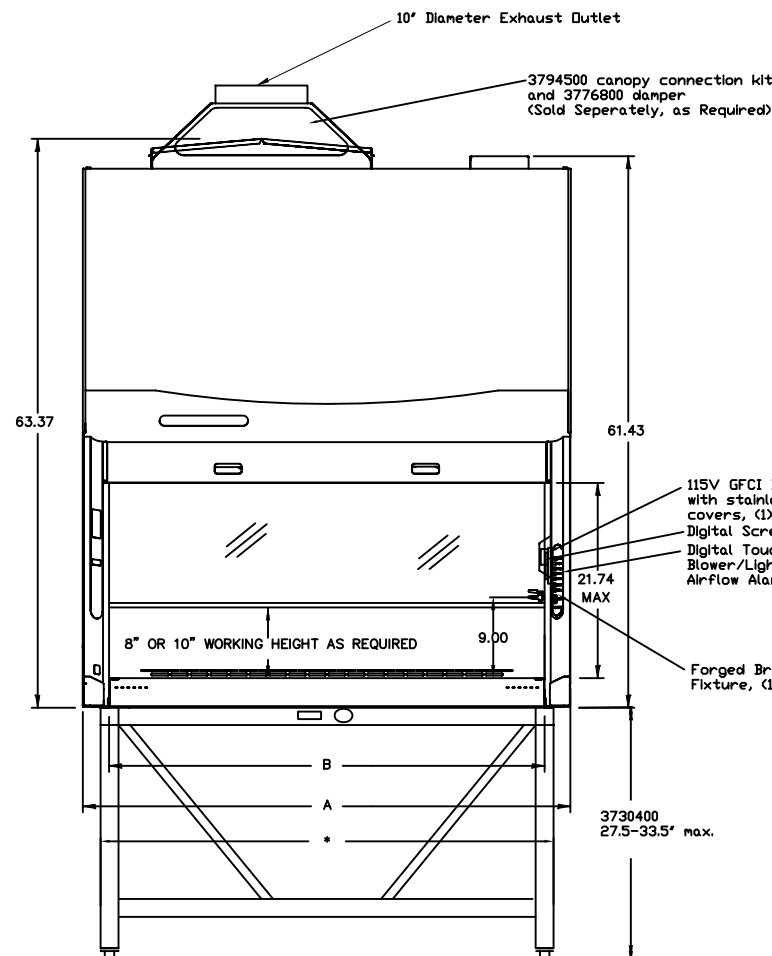


TOP VIEW

Nominal Width	A	B	C
3'	42.3"	36.5"	13.6"
4'	54.3"	48.5"	19.9"
5'	66.3"	60.5"	26.9"
6'	78.3"	72.5"	32.9"

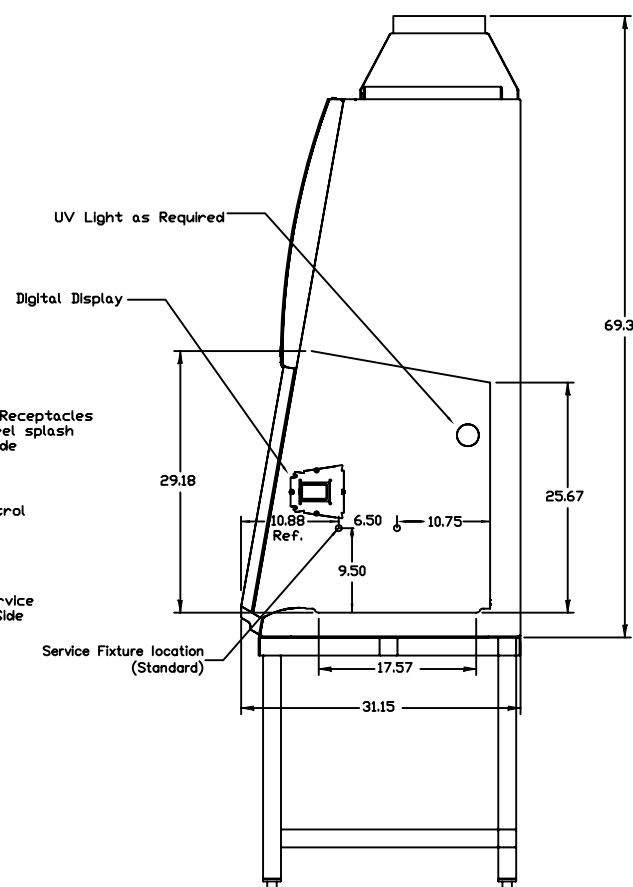


TOP VIEW



FRONT VIEW

\* ALL STANDS ARE 3.75" SMALLER THAN SAFETY CABINETS



SIDE VIEW

## GENERAL DESCRIPTION

Logic Series Class II, Type II, A2 Safety Cabinet  
A2-SCHEDULED  
Standard Features

- \* Nominal inflow velocity of 105 feet per minute (fpm)
- \* Nominal downflow velocity of 55 feet per minute (fpm)
- \* Approximately 70% air recirculation
- \* Intrinsically-safe negative pressure design
- \* Two 99.99% efficient HEPA filters
- \* Unitized 16 gauge stainless steel substructure
- \* Crevice-free, type 304 stainless steel interior and removable, seamless, dished work surface
- \* Epoxy coated exterior
- \* Safety color-coded and epoxy-coated steel towel catch, sash pocket and perforated exhaust filter cap
- \* 10 degree angled, sliding, fully-closing, 0.25" tempered safety glass sash with anti-racking mechanism, tactile position indicator and 18" maximum loading height
- \* Air-Wave Entry System
- \* Stainless steel air foil with Reserve-Air Secondary Airflow Slots
- \* Contain-Air Negative Pressure Channel
- \* ADA-compliant audible/visual alarm indicator with mute switch
- \* Two ADA-compliant electrical duplex receptacles with ground fault interrupters and splash covers
- \* Sure-Start voltage-compensating speed control with 40 amp capacity
- \* Class 5 conditions per ISD 14644-1 & 2 (formerly Class 100)
- \* NSF and ETL listed
- \* Three year warranty on parts and labor
- \* 254 nm UV lamp with interlocking safety switch.
- \* Interior-mounted, line of sight ICD information center. Displays status, data and components icons for at-a-glance monitoring.
- \* "Filter Life Remaining" bar graph that displays an accurate percent of HEPA filter life remaining
- \* Status line that gives specific feedback on alarm conditions such as "sash too high".
- \* Alerts to warn when the filter life diminishes to 20% or airflow changes indicating an inlet grille or exhaust outlet obstruction.
- \* Filter monitoring system consisting of an electronically commutated motor (ECM) that is programmed to deliver a precise volume of air as required and automatically adjusts as filters load without relying on airflow sensors.
- \* Built-in ECM consumes 50% less energy, which allows for cooler and quieter operation, and provides more power for increased HEPA filter loading.
- \* Smart-Start System that allows the user to program start up and shut down operations such as activation/deactivation of blower, fluorescent and UV lights when the sash is opened or closed.
- \* Night-Smart System that idles the blower when the sash is fully closed to help maintain a clean, particulate-free environment inside the cabinet during periods of non-use.
- \* Built-in interval or elapsed timer for UV light control or experiment monitoring.
- \* Touchpad control on right-hand side post for manual activation of blower, light, timer, audible alarm mute and menu selection.
- \* Supply and exhaust 99.99% efficient HEPA filters. Also available ULPA.
- \* Fully-closing, clear 1/4" tempered safety glass sash with two small, sculptured sash handles; counterbalanced, anti-racking mechanism; and 10 degree slope.
- \* 29" sash opening viewing height for visual accessibility
- \* Stainless steel liner and removable stamped, one-piece dished work surface with two lift knobs.
- \* Curved stainless steel inlet grille that can serve as an armrest. With Reserve-Air Secondary Airflow Slots to prevent airflow blockage.
- \* Bright, 100 foot-candle, glare-free fluorescent lighting located outside the contaminated work area for safe, easy replacement.
- \* Electronic security lock (optional activation) that requires code to operate the cabinet.
- \* (1) Service Fixture Installed on 3', 4' and 5' Cabinets
- \* (2) Service Fixtures Installed on 6' Cabinet

SCALE:

SCALED TO FIT

Biological Safety Cabinets  
for:



No. Date


Date:  
7-30-07

Drawing #  
A2-SCHEDULED

Drawn By:  
Luke Savage

Checked By:

Approved By:

Sheet No.

Project Title:

Project No.