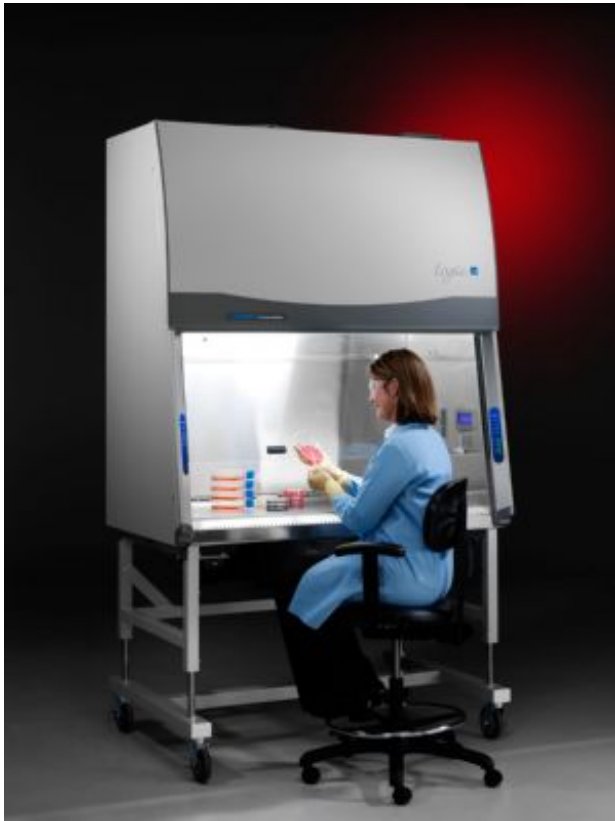


# 4' Purifier Logic Class II ,Type A2 Biological Safety Cabinet,

for work with agents that require Biosafety Level 1, 2 or 3 containment



## **APPLICATION:**

BSCs are designed, in varying degrees, for:

Personnel Protection: Protect personnel from harmful agents inside the BSC

Product Protection: Protect the work, product, experiment, or procedure performed in the BSC from contaminants in the laboratory environment or from cross contamination inside the cabinet

Environmental Protection: Protect the environment from contaminants contained in the BSC

## **POINT OF CONTACT and TRAINING:**

**On the job training (OJT) is required prior to use of this equipment.**

**Please see Dominique Joyner or Julian Forney for OJT.**

These biological safety cabinets offer a patent-pending design with the following features: nominal inflow velocity of 105 fpm (0.5 m/sec); nominal downflow velocity of 55 fpm (0.3 m/sec); approximately 70% air recirculation; interior-mounted, line-of-sight LCD information center with "Filter Life Remaining" bar graph, status line for alarm conditions and alerts to warn when filter life diminishes to 20%, 10% and 0%; filter monitoring system consisting of an electronically commutated motor (ECM) that delivers a precise volume of air as required and automatically adjusts as filters load without relying on airflow sensors; Smart-Start System that allows the user to program start up and shut down operations; Night-Smart System that idles the blower when the sash is fully closed; built-in interval or elapsed timer for experiment monitoring, fluorescent light or UV light control (on models with UV light); touchpad control on right-hand side post for manual activation of blower, light, timer, audible alarm mute and menu selection; radiused type 304 stainless steel interior and removable, seamless, dished work surface with lift out knobs; epoxy-coated steel exterior; towel catch located under work surface; Contain-Air Negative Pressure Channel; Class 5 conditions per ISO 14644-1 and 2; supply and exhaust 99.99% efficient HEPA filters; two electrical duplex receptacles located one on each side, with ground fault interruption and stainless steel splash covers; fully-closing, clear 1/4" tempered safety glass sash with two sash handles, counterbalanced, anti-racking mechanism and 10 degree slope; 21.7" (54 cm) maximum sash opening height and 27.0" (69 cm) viewing height; curved stainless steel inlet grille with Reserve-Air Secondary Airflow Slots; bright, 90-100 footcandle, glare-free fluorescent lighting located outside the contaminated work area; intrinsically safe negative pressure design.