

Purifier® Delta® Series Total Exhaust Safety Cabinets

INTRODUCTION

Like the Class II, Type A2 Cabinet, the Purifier Delta Series Total Exhaust (Class II, Type B2) Safety Cabinet protects you, your work and your laboratory environment. **It is suitable for work with agents that require Biosafety Level 1, 2 or 3 containment.** One hundred percent of the air that moves through it is exhausted to the outside. Because none of the air in the cabinet is recirculated, the Purifier Delta Series Total Exhaust Cabinet may be used for work with

agents treated with volatile toxic chemicals and radionuclides when required as an adjunct to microbiological research.

This cabinet is equipped with an interlocking alarm system that constantly monitors the volume of air exhausted. If the exhaust air volume drops below an acceptable level, an audible alarm sounds, the alarm light glows red, and the cabinet blowers stop. This added measure of safety protects you from inadvertent exposure to aerosols.

During operation, room air is drawn through the top of the cabinet. This air is HEPA filtered, and then flows downward through the work area. Room air is also drawn into the grille located in the airfoil. All of the contaminated air is drawn under the work surface or through the rear grille, then up the rear plenum, and through the exhaust HEPA filter. A dedicated exhaust system and remote blower draw 100% of the filtered exhaust air out of the laboratory. The ductwork and remote blower are required for operation and sold separately.

