### 3.4.2.2 Class II, Type A2 cabinets (formerly designated Type B3) when exhausted to the environment were formerly designated Type B3:

- maintain a minimum average inflow velocity of 100 ft/min (0.51 m/s) through the work access opening;
- have HEPA filtered downflow air that is a portion of the mixed downflow and inflow air from a common exhaust plenum;
- may exhaust HEPA filtered air back into the laboratory or to the environment through an exhaust canopy; and
- have all biologically contaminated ducts and plenums under negative pressure or surrounded by negative pressure ducts and plenums.

Type A2 cabinets used for work with minute quantities of volatile toxic chemicals and tracer amounts of radionuclides required as an adjunct to microbiological studies must be exhausted through properly functioning exhaust canopies.