



BioVanguard (EF, Specials)
 There may be future requirements for solvent, gas or volatile toxic chemicals use that would require exhaust to the outdoors. Also, some researchers may prefer the extra margin of safety that exhausting to the outdoors provides.

Micro Biological Safety Cabinet Class III (MSC III)
 Variables including such things as the severity of a biohazard, the amount being used, and the possibility of mass aerosolization may dictate the use of a Class III biological safety cabinet. Class III biological safety cabinets are a special type of glovebox. Not all gloveboxes are safe to use with biohazards.

BioVanguard (EF, Specials)
 Ducting is required when using any amount of toxic or flammable gases and volatile solvents (which create gases or vapors). Since these gases and vapors pass through HEPA filters, they need to be exhausted to the outdoors. If ducted, the exhaust system may not interfere with the intended use of the BSC, we therefore strongly recommend ducting by using a canopy.

BioVanguard B (EFB, Specials)
 In both the EN12469 and the DIN12980 this type of cabinet is referred to as Class II. However, the DIN12980 requires that "all parts" can be replaced without the need of decontamination first. Therefore an extra HEPA-filter stage is added which prevents solid chemical particles can enter the BSC. Often these BSC's are referred to as Cytotoxic BSC's but the use of this BSC type is not limited to cytotoxic's. This unit can also be used where a so called "double exhaust BSC" is preferred.

EFB TE
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DLF / CrossFlow
 With NO human hazard (chemical or biological), a clean bench can provide product protection from contaminants. Please note that the operator will be exposed to all work done in a clean bench.