

APPLICATION

- A system for particle control in surgical rooms and operating suites
- Meets Class 1 Microbiologic Air Cleanliness as defined by the committee on Operating Room Environments of the American College of Surgeons
- Central laminar flow panels bounded by perimeter air curtains with low sidewall extraction isolate critical work envelope from airborne contaminants
- Perimeter curtains isolate central core effectively creating a "space within a space" (interior cube)
- Allows equipment placement flexibility

SYSTEM FEATURES

- Laminar flow models MV-1, MV-2 or MV-HEP are selected to create a laminar flow air piston over the critical work envelope and maintain a positive pressure within the curtains
- Model MVC or MVCF perimeter curtain diffusers establish an outward air curtain at about a 10° discharge angle to sweep away airborne particles and contaminants
- Sidewall return grilles Model SS3HD extract contaminants from the space

SYSTEM OPTIONS

- Final filtration in outlets with room side replaceable HEPA filters
- Return grilles with hinged-access filter frames
- T-bar or surface mounted construction
- Model THD-1500 custom fabricated grid system assembly

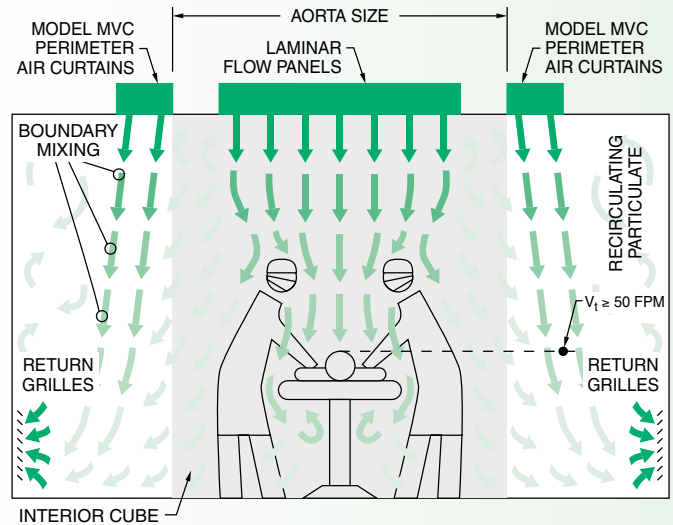
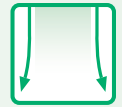


Figure 16: Anemostat AORTA System

