

**APPLICATION**

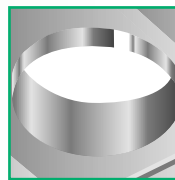
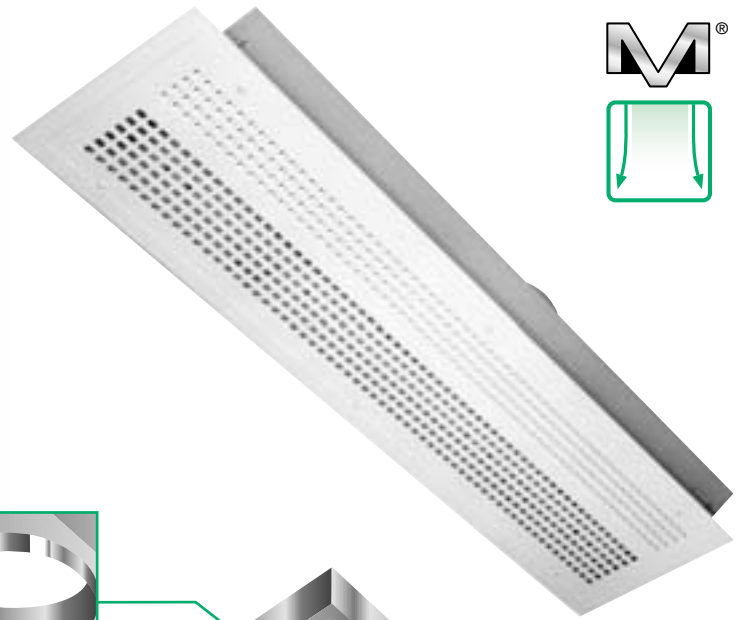
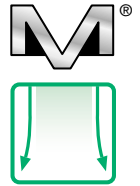
- Perimeter air curtain diffuser used in AORTA systems
- Effectively isolates internal critical work envelope from surrounding particles
- Invisible perimeter barrier creates a "space within a space"

**PANEL FEATURES**

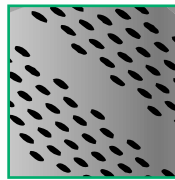
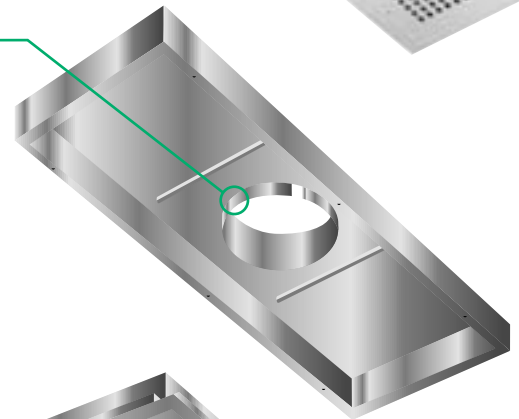
- Perimeter diffuser establishes an outward air curtain between a 5°-15° discharge angle
- Fixed pattern created by stamped control flaps for predictable performance – outperforms slot configurations for directional control
- Available in lengths of 2', 3', 4', 5', 6'
- 4 capacity ranges available for extreme design flexibility - system 31, 42, 53, and 64
- Dual chamber design means stable performance regardless of inlet condition
- Removable face via 1/4 turn fasteners for cleaning
- Face is hinged and swings down 90° for easy cleaning. Safety cables prevent face from accidentally swinging down.
- Top or side inlet location
- Closed cell gasket prevents leakage around face
- Available for lay-in T-bar or hard surface ceiling systems (see batten arrangements page A-33)

**PANEL OPTIONS**

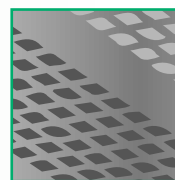
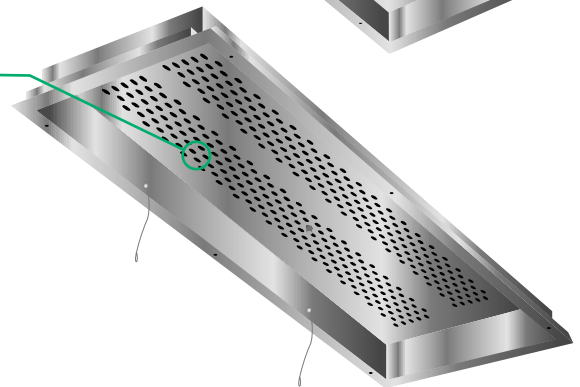
- Model MVCF HEPA filtered assembly (page B-14)
- Steel, aluminum, or stainless steel construction
- White, baked epoxy finish, satin polish (stainless steel). Contact factory for anodize finish options.
- Model THD-1500 custom fabricated grid system



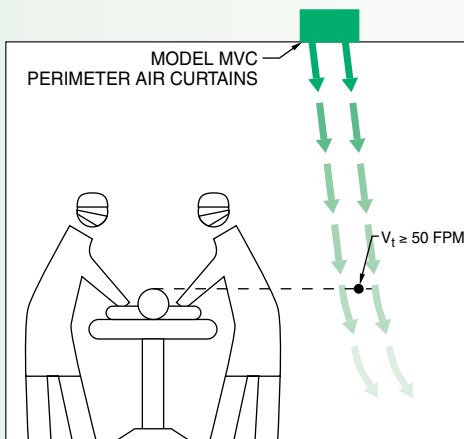
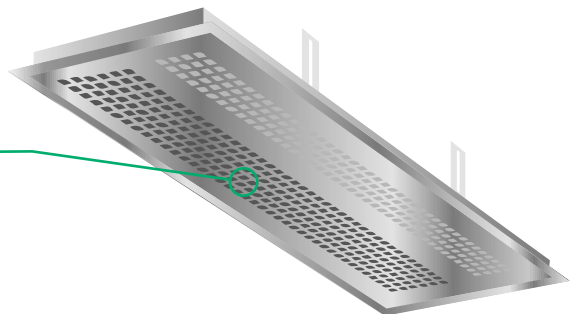
Sub duct assembly



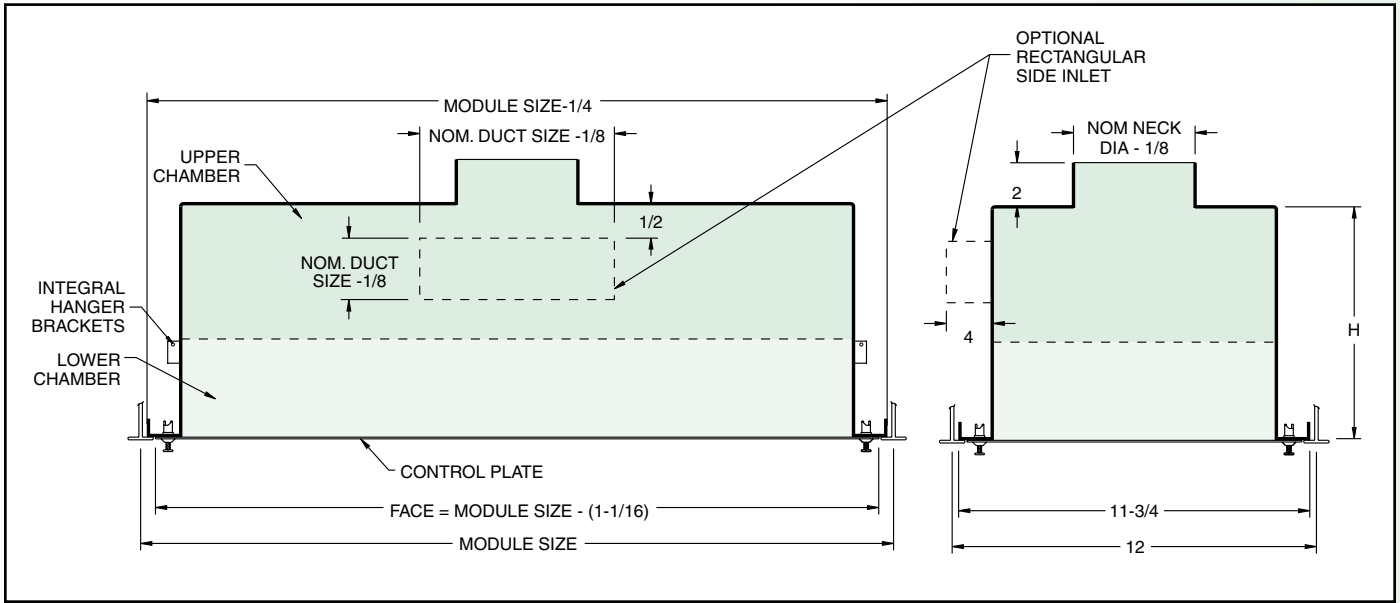
Intermediate distribution panel



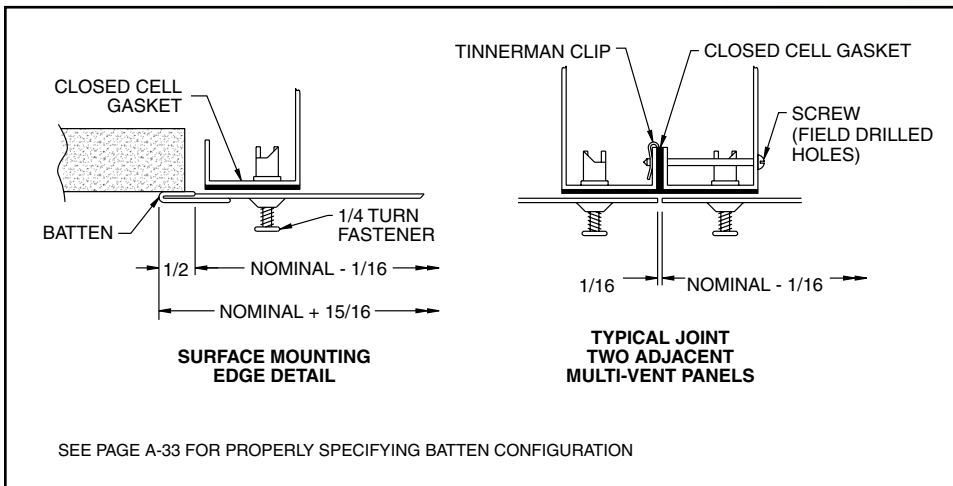
Stamped control flaps for predictable performance - no field adjustments required!



**Model MVC-T - Lay-In T-Bar**



**Model MVC-P - Surface Mounted**



MVC DIMENSIONS				
Nom. Length	Top Inlet		Side Inlet	
	Max Size	H	Nom. Duct Size	H
24	9" DIA	7-1/2	12 x 6	12-1/2
36				
48				
60				
72				



**Model MVC**  
System 53 shown with rectangular side inlet and optional cable drive damper

AORTA - Operating Room Systems

B