



ISOTEK

CRITICAL ENVIRONMENT

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Sterile Environment System

STAINLESS STEEL

The Tuttle & Bailey ISOTEK critical room air system accommodates stringent operating room designs by satisfying sterile environment requirements. The ISOTEK system is an air curtain which surrounds the sterile field with laminar flow diffusers installed directly above the operating table. The center laminar flow diffusers allow the air to wash over the patient. Designed to accommodate 35% of the total air for the system, the laminar center panels create a positive pressure over the operating table forcing the air particles out and away from the patient towards the perimeter curtain. These air particles are then induced into the laminar air curtain perimeter which draws the air particles away from the sterile environment.

FEATURES

- Vertical flow air curtains
- Laminar flow center panels
- Stainless steel construction
- Face assemblies and baffles are removable for cleaning
- Face assemblies are attached by quarter turn stainless steel fasteners and secured by safety cables
- Corners of perimeter plenum are rounded for easy cleaning
- Standard finish is satin polish (SP) for stainless steel models
- Custom sizing and layouts available

Available Sizes

System Perimeter (ft.)	Number of Center Panels	Center Panel Size (ft.)
8x8	2	4x2
10x10	4	(2) 4x2, (2) 2x2
12x6	4	2x2
12x8	4	(2) 4x2, (2) 2x2
12x12	4	(2) 4x2, (2) 2x2
14x10	4	(2) 4x2, (2) 2x2
14x14	4	4x2

