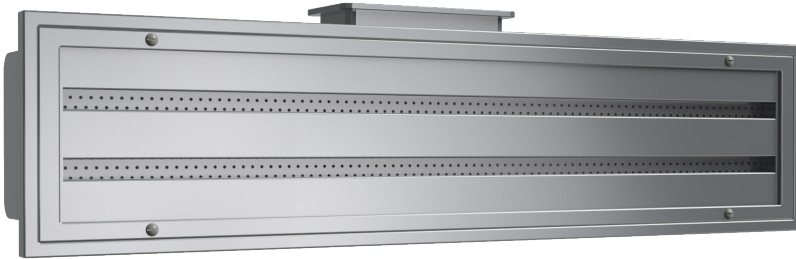


SSEPD – Perimeter Slot Diffuser



Applications

Hospital operating rooms and other critical environments which utilize air curtains.

STANDARD FEATURES

- Type 304 stainless steel construction
- #4 satin polished finish
- The entire slot assembly, including the pressure plate, is removable for cleaning and is secured by 1/4 turn fasteners
- Safety cables to prevent accidental dropping of removable face
- 13% perforated pressure plate has 3/32" diameter holes on 60° 1/4" staggered centers
- Plenums have rounded corners for easier cleaning
- Flanged inlets for simple duct connection
- Integral earthquake tabs
- Designed for lay-in T-bar ceiling systems and surface mount applications

The SSEPD slot diffuser is specially designed to provide an air curtain for operating rooms. The unique double-slot design creates a continuous, uniform velocity curtain of air that is angled outward at 15°, enclosing the operating area and minimizing the possibility of contaminated air entering the surgical area. It creates a wider velocity profile with less turbulence, therefore less induction, over similar two-slot designs. The face design also incorporates longitudinal deflectors that horizontally deflect a small amount of air lengthwise, thereby joining sections and corners with a truly continuous curtain, resulting in enhanced isolation of the surgical area.

OPTIONAL FEATURES

- Type 316 stainless steel construction
- Aluminum construction
- Antimicrobial epoxy powder coat finish
- Perimeter inlet balancing dampers, S-44 opposed blade damper (face operated & removable)
- Foil backed insulation (1.5" or 2.25")
- Built-in tunable LED lights – eliminates the need for additional light fixtures, helps maximize use of ceiling space and does not interfere with the airstream like hanging lights
- Custom fabrication to meet needs in the field

