

SSLF – Laminar Flow Diffuser



The SSLF Laminar Flow Ceiling Diffuser utilizes well-proven vertical air mass “laminar flow” technology, producing a non-aspirating, low velocity, uniformly distributed downward moving “piston” of conditioned air. The units may be used individually, or as in the case of hospital operating rooms, several may be linked together to produce one large combined laminar mass. When installed in an operating room above the operating table, the clean conditioned air flows over and blankets the operating table, helping to protect and effectively isolate the patient from contaminated air. Available in Standard Capacity (SC), Medium Capacity (MC) and High Capacity (HC).

Applications

Hospital operating rooms, research laboratories, animal laboratories, food processing plants, pharmaceutical laboratories and protective environment rooms.

STANDARD FEATURES

- Type 304 stainless steel construction
- #4 satin polished finish
- SC: 13% Perforated Face – 3/32" Diameter Holes on 60° 1/4" Staggered Centers
- MC: 23% Perforated Face – 3/32" Diameter Holes on 60° 3/16" Staggered Centers
- HC: 33% Perforated Face – 3/16" Diameter Holes on 60° 5/16" Staggered Centers
- Easily removable face for cleaning; secured by 1/4 turn fasteners and safety cables to prevent accidental dropping
- Round inlets for simple duct connection
- Integral damper with screwdriver slot adjustment is easily accessed room-side
- Integral earthquake hanger tabs
- Compatibility with lay-in T-bar ceiling systems and surface-mount applications

OPTIONAL FEATURES

- Type 316 stainless steel construction
- Aluminum construction
- Antimicrobial epoxy powder coat finish
- Butterfly or bowtie damper – available with remote cable
- 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

