



# SSLF-Basket – Laminar Flow Diffuser



The SSLF-Basket 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 multi-piece, dual-chamber baffles optimize flow and velocity equalization across the diffuser face. An internal cone damper is ideal for applications where interstitial space restrictions make other collar mounted dampers impractical. 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 which blankets the operating table, helping to protect and effectively isolate the patient from contaminated air.

## 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
- 13% perforated face – 3/32" diameter holes on 60° 1/4" staggered centers
- Easily removable face for cleaning; secured by 1/4 turn fasteners and safety cables to prevent accidental dropping
- 23% perforated multi-piece dual-chamber equalization baffles; removable for cleaning
- Integral 23% perforated cone damper with screwdriver slot adjustment is easily accessed room-side
- Round inlets for simple duct connection
- 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
- 23% perforated disc damper with screwdriver slot adjustment, is easily accessed room-side
- 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

