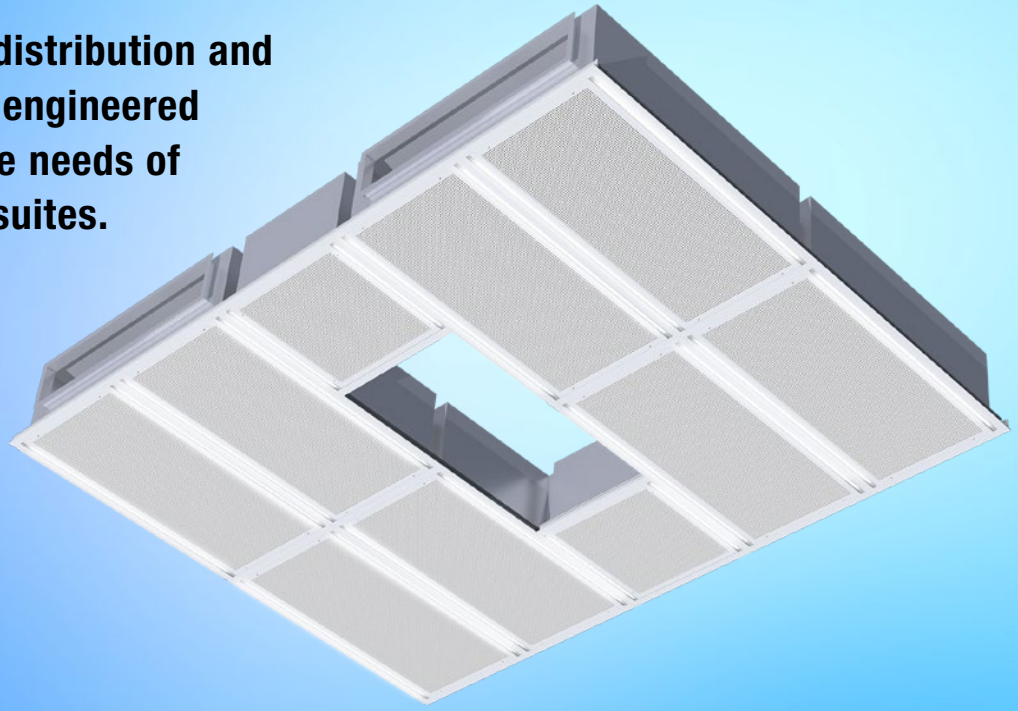


SSLORS Stainless Steel Lighted Operating Room System



Customizable air distribution and lighting solutions engineered to meet the unique needs of hospital surgical suites.



Our customized ceiling system delivers clean air and quality lighting, while maximizing ceiling space for surgical equipment.

Flexibility, efficiency and industry-leading performance.

AJ Manufacturing has long been a leader in stainless steel air filtration and distribution equipment for hospitals, laboratories and other critical environments. Now we've put that expertise and experience into a customizable ceiling solution engineered to provide both the clean air and high-quality LED lighting needed to meet operating room needs.

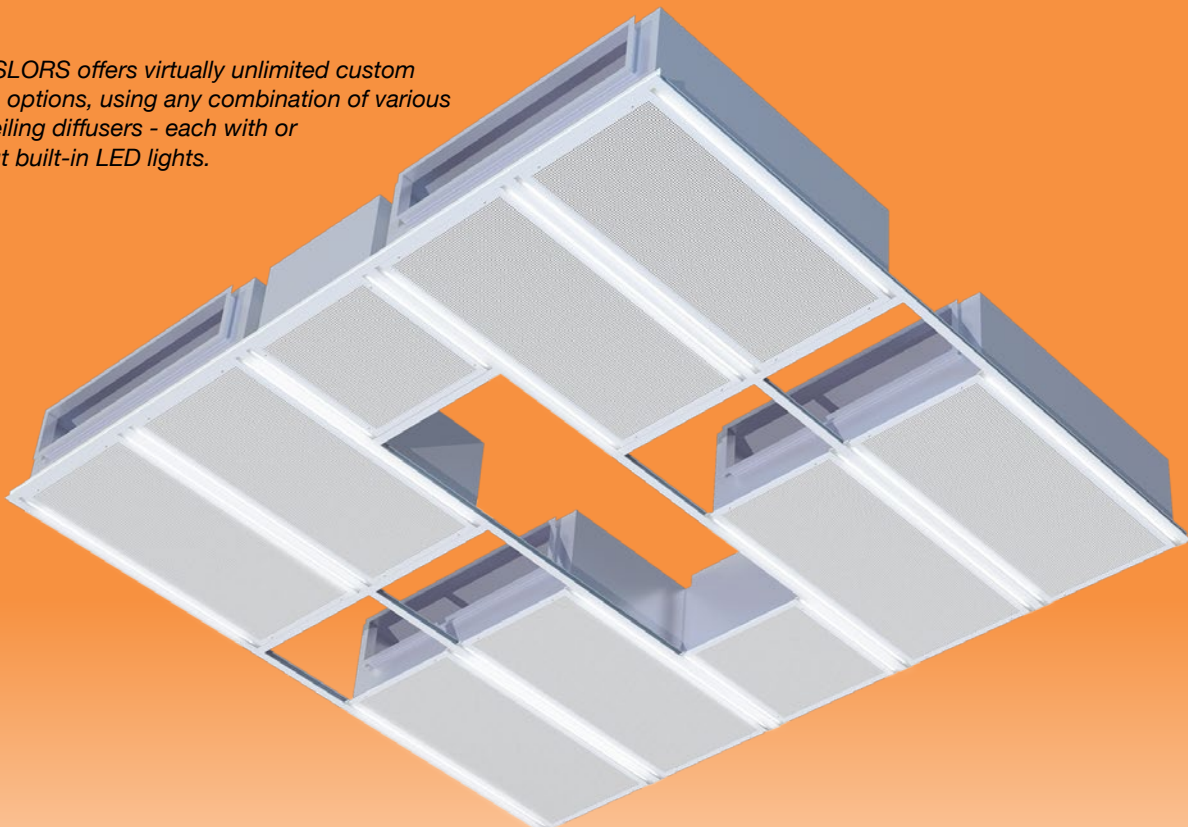
Maximizing ceiling space in both new construction and retrofit projects.

We designed our system to make the best use of the limited ceiling space often found in surgical areas. It features a low profile common plenum with multiple laminar flow diffusers, with or without gel seal HEPA filters, to meet air filtration needs. Each diffuser also has the capacity to include powerful LED lights built into the perimeter. Eliminating the need for traditional hanging lights opens up valuable space for surgical equipment.

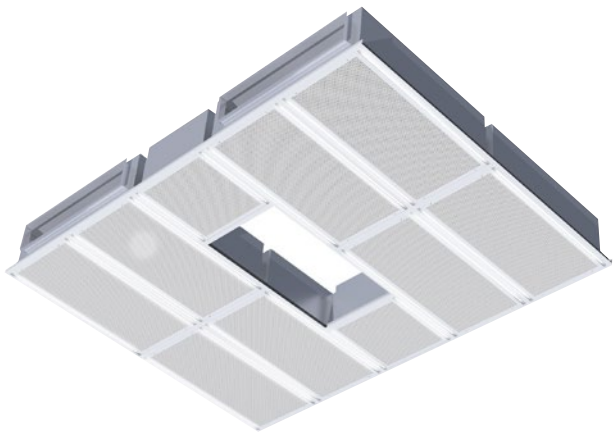
Key Features & Benefits

- Engineered especially for hospital operating rooms
- All stainless steel and/or aluminum construction
- Closed gasketed joints ensure accurate seal between modules
- Room side adjustable equalization dampers
- Low number of hanging points to the super structure, for easier installation
- Ships in large factory-assembled sections to minimize installation time
- Conforms to ASHRAE 170 requirements
- Anti-microbial white finish

The SSLORS offers virtually unlimited custom design options, using any combination of various size ceiling diffusers - each with or without built-in LED lights.



Modular, customizable design gives you everything you need, while lowering costs and speeding installation.



Improved lighting quality compared to traditional designs.

In addition to providing the highest air quality, our system also elevates lighting quality with direct, high-output, high-efficiency LED lighting that does not interfere with the air stream. White LED lights are tunable and dimmable, and include green lights on the same board – requiring half the number of drivers, less wiring, and less time and effort during installation.

Virtually unlimited layout options to meet any project's needs, as well as regulatory and code compliance guidelines.

Our system offers customized design options with module sizes and configurations to accommodate any equipment layout. It conforms to ASHRAE 170 requirements, and our LED lighting is IP67 rated. Optional features include EC fans inside the plenum, factory installation and more. Our engineering team can work with you to design a ceiling system that meets the exact needs of your project.



The SSLORS system can be configured to accommodate strut channel in order to support booms, lighting and other equipment.

The Key to a High-Performance OR Ceiling System: AJ Laminar Flow Diffusers

Our laminar flow diffusers utilize the well-proven and time-tested concept of vertical air mass “laminar flow” technology to produce a non-aspirating, low velocity, uniformly distributed downward moving “piston” of conditioned air. Each diffuser can be ordered with or without a gel seal HEPA or ULPA filter (which can easily be replaced from the face of the unit), and with or without perimeter LED lights.

Available in a range of sizes, these diffusers can be linked together in virtually any combination to sufficiently cover the needed surgical area, producing one large combined laminar mass that flows over and blankets the operating table, helping to protect and effectively isolate the patient from contaminated air.

Key Diffuser Features:

- Type 304 stainless steel construction
- Removable faceplate for cleaning, secured by 1/4 turn fasteners
- Built-in, adjustable equalization damper for even air distribution and field balancing
- Perforated face has 3/32" (2.4mm) diameter holes on 60° 1/4" (6mm) staggered centers
- 13% free area
- Rectangle duct inlets with 1" flange for simple duct connection
- Integral earthquake hanger tabs
- Integral damper with screwdriver slot adjustment



Critical Thinking for Your Critical Environment

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