



4.6 Air Supply Ceiling



[View Details](#)

Classification

Purification Equipment

Product Description

Air Supply Ceiling

※Product Introduction

Cold-rolled steel plate with high-temperature baking paint applied for box body of Class I (hundred-level), Class II (thousand-level) and Class III (ten-thousand-level). Cold-plate mesh, stainless-steel mesh or gauze mesh, LED, shadowless lamp, and operating room control panel applied for diffuser plate.

Based on the leading leakage-blocking layer technology at home and abroad, air-supply ceiling is a necessary purification device in modern hospital operating rooms. It reasonably distributes the air flow in the clean room, therefore effectively ensuring the cleanliness (the air-outlet surface is at hundred-level). It can be widely applied to projects such as hospital clean operating rooms, clean wards, and clean animal rooms.

With the rapid development of modern medical science and technology, the requirements for the cleanliness of operating rooms in surgical operations are getting higher and higher. The hundred-level laminar-flow operating room is



currently the most ideal. However, how to effectively manage the air colony count in the laminar - flow operating room to meet the air environmental health standards issued by the Ministry of Health and also meet the grade standards of clean operating rooms, and reduce it to the minimum extent, there is relatively little domestic literature. This is a new topic worthy of exploration in the management of clean operating rooms.

The laminar-flow air-supply ceiling adopts air-cleaning technology to control microbial pollution to varying degrees, so as to control the air cleanliness in the space environment to meet the requirements of various surgeries; and provide appropriate temperature and humidity, creating a clean and comfortable surgical space environment.

※Application Fields

Widely applied to projects such as clean operating rooms, clean wards, and clean animal rooms.

※Size&Data

Model	LJ-I	LJ-II	LJ-III
Filtration efficiency	(H13) 99.99%		
Air outlet velocity (m/s)	0.3~0.45		
Outer dimension(m m)	2600*2400*500	2600*1800*500	2600*1400*500
Fine efficiency filter size&quantity	610*305*292 8 pcs per set	610*305*292 6 pcs per set	610*305*292 4 pcs per set
Application	Grade I extraordinary clean	Grade II standard clean	Grade III general clean

Besides the size above, custom size acceptable.

Related Products

