

Model Number

No.	Product name	Model	Installation space(U)	Width(mn)	Depth (front)	Installation method
1	IDC Lower air intake cabinet	SRC001	22U	600	600	1190
					800	
					900	
					1000	



Product Features

1. Adopt closed air management to optimize the air flow path and prevent the cooling effect from being reduced due to the mixing of cold and hot air.
2. Smoke sensors, video cameras and temperature and humidity sensors can be installed inside the cold channel system:
3. Each top plate can be linked with fire protection: when the fire signal in the computer room is confirmed, the top plate opens automatically, and the fire extinguishing gas can enter the channel to extinguish the fire;
4. Flip skylight: the total flip area is greater than 80%, and the glass visible area is greater than 80%:
5. The cold channel system adopts modular design, flexible configuration, and can be personalized according to needs, which can adapt to any environmental requirements.

Application

The cold channel closed system is a technology used to reduce the temperature of equipment that generates heat due to work. It is mainly used in data center computer rooms. Data center computer rooms generally face high equipment heating density, high power consumption, insufficient space for computer rooms and cabinets, and computer room planning cannot keep up with the growth of business needs. To meet the ever-increasing heat dissipation requirements of data center computer rooms, the air conditioning equipment in computer rooms has been continuously increased and replaced. However, there is still a local heat island problem inside the computer room, where cold air and hot air are directly mixed, resulting in a large waste of cooling. The equipment on the top of the cabinet cannot get the required cooling capacity, and the overall energy consumption PUE value is still high even if the equipment is cooled.