



Characteristics

Compact for false ceilings with air and surface purification and disinfection system by photocatalysis and OH⁻. Air curtain Recessed Compact combines the Kleenfan and OH technologies that through the effect of photocatalysis and the generation of hydroxyl radicals eliminate viruses, bacteria, odours and contaminating gases.



Air Disinfection Performance



- Combines a double patented purification technology through the generation of hydroxyl radicals OH⁻ and the effect of photocatalysis.
- Innovative OH active technology with efficient production of hydroxyl radicals, complies with the exposure limits against chemical agents adopted by the National Institute of Safety and Health (INSS), which purifies both air and surfaces through a chain reaction. Through Advanced Oxidation Processes (AOP) inactivates up to 99.9% of pathogenic microorganisms (viruses and bacteria), improves air quality (reducing volatile organic compounds and suspended particles) and eliminates odours.
- Includes one purificant cartridge with hydrogen peroxide solution to generate hydroxyl radicals.
- Kleenfan technology with photocatalytic purificant action fans. UV-A rays, from the long-life led, act on the titanium dioxide of the turbine generation Reactive Oxygen Species (ROS) than, through oxidation /reduction reactions, inactivate wide range of pathogenic microorganisms (viruses and bacteria). It mineralizes most of the pollutants present in urban areas produced by vehicles and industry (NO_x, SO_x, CO_x, formaldehydes, VOCs, etc.).
- Includes Advanced Clever Control with purification program operation 24h/day, 4 levels of air quality indicator and replacement alarm of hydrogen peroxide purificant cartridge (around 3 months duration, depending on conditions). Plug&Play, programmable, Intelligent, automatic, energy saving mode, Modbus RTU by PLC...
- Specially designed for applications where the body of the air curtain is to be installed inside a column or bulkhead for architectural reasons. It can be vertically or horizontally mounted.
- Compact and low profile air only recessed air curtain, with full grille view, specially designed for applications without heating.
- Self-supporting casing construction made of galvanized steel plate, ready to be installed recessed in a false ceiling.
- Inlet grille (free of maintenance) made with aluminium profiles and blow-out nozzle, integrated in a single white frame colour RAL 9016. Other colours are available on request.
- Anodized aluminium outlet vanes, airfoil shaped
- EC Double-inlet centrifugal fans driven by an external rotor motor and low noise level, with very low consumption efficiency fans.
- "A" type without heating, air only.

Specifications

50Hz

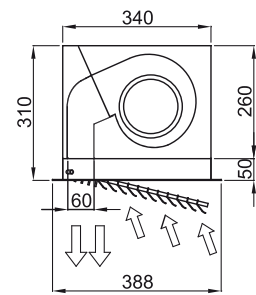
Model	Unheated	
	Nominal Airflow (m³/h)	Recommended Installation Range (m)
CR ECM 1000 A OH+FC	1840	2,5-3,8
CR ECM 1500 A OH+FC	2760	2,5-3,8
CR ECM 2000 A OH+FC	3680	2,5-3,8
CR ECM 2500 A OH+FC	4600	2,5-3,8
CR ECG 1000 A OH+FC	2700	3-4,2
CR ECG 1500 A OH+FC	3600	3-4,2
CR ECG 2000 A OH+FC	5400	3-4,2
CR ECG 2500 A OH+FC	6300	3-4,2

60Hz



Unheated		
Model	Nominal Airflow (m³/h)	Recommended Installation Range (m)
CR ECM 1000 A OH+FC	1840	2,5-3,8
CR ECM 1500 A OH+FC	2760	2,5-3,8
CR ECM 2000 A OH+FC	3680	2,5-3,8
CR ECM 2500 A OH+FC	4600	2,5-3,8
CR ECG 1000 A OH+FC	2700	3-4,2
CR ECG 1500 A OH+FC	3600	3-4,2
CR ECG 2000 A OH+FC	5400	3-4,2
CR ECG 2500 A OH+FC	6300	3-4,2

Dimensions



L	L1	A	B
1000	1048	920	-
1500	1548	1420	710
2000	2048	1920	960
2500	2548	2420	1210

