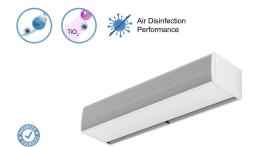


#### Characteristics

Kool air curtain for cold rooms with air and surface disinfection and purification function. It combines the Kleenfan and OH technologies which, through the effect of photocatalysis and the generation of OH-hydroxyl radicals, eliminate viruses, bacteria, odours and contaminating gases.



- Combines a double patented purification technology through the generation of hydroxyl radicals OH· anf 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 ans 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 (NOx, SOx,
  COx, 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, dependiong on conditions).
  Plug&Play, programmable, Intelligent, automatic, energy saving mode, Modbus
  RTU by PLC...
- Specially designed to be installed in doors of cold stores.
- Self-supporting casing construction made of galvanized steel plate, finished in structural epoxy-polyester painting white colour RAL9016 as standard. Other colours or stainless steel are available on request.
- Large faceted inlet grille avoiding intensive maintenance. Also available with flat micro-perforated inlet grille, more elegant for commercial doors where heating is not needed.
- Anodized aluminium outlet vanes, airfoil shaped, adjustable from 0 to 15° each side.
- EC Double-inlet centrifugal fans driven by an external rotor motor and low noise level, with very low consumption efficency fans.
- "A" type without heating, air only.
- Advanced Plug&Play control. Includes: Advanced PRO control with LCD display and integrated thermostat, door contact, 7m RJ11 cable and remote control. Optional: intelligent Clever Pro Control (automatic, programmable, ModBus for PKC, timer, etc.)
- Includes varnishing on the PCB to protect it from corrosion.

### **Specifications**

50Hz

Unheated			
Model	Caudal Nominal (m³/h)	Alcance recomendado (m)	
KECM 1000 A OH+FC	1840	2,5-3,8	
KECM 1500 A OH+FC	2760	2,5-3,8	
KECM 2000 A OH+FC	3680	2,5-3,8	
KECM 2500 A OH+FC	4600	2,5-3,8	
KECM 3000 A OH+FC	5520	2,5-3,8	
KECG 1000 A OH+FC	2700	3-4,2	
KECG 1500 A OH+FC	3600	3-4,2	
KECG 2000 A OH+FC	5400	3-4,2	
KECG 2500 A OH+FC	6300	3-4,2	

## KOOL OH+FC | Air Curtains with OH and Kleenfan Technology

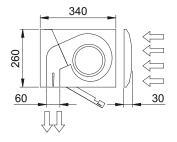


Unheated		
Model	Caudal Nominal (m³/h)	Alcance recomendado (m)
KECG 3000 A OH+FC	7200	3-4,2

### 60Hz

Unheated				
Model	Caudal Nominal (m³/h)	Alcance recomendado (m)		
KECM 1000 A OH+FC	1840	2,5-3,8		
KECM 1500 A OH+FC	2760	2,5-3,8		
KECM 2000 A OH+FC	3680	2,5-3,8		
KECM 2500 A OH+FC	4600	2,5-3,8		
KECM 3000 A OH+FC	5520	2,5-3,8		
KECG 1000 A OH+FC	2700	3-4,2		
KECG 1500 A OH+FC	3600	3-4,2		
KECG 2000 A OH+FC	5400	3-4,2		
KECG 2500 A OH+FC	6300	3-4,2		
KECG 3000 A OH+FC	7200	3-4,2		

# Dimensions



L	Α	В
1000	920	-
1500	1420	710
2000	1920	960
2500	2420	1210
3000	2920	1460

