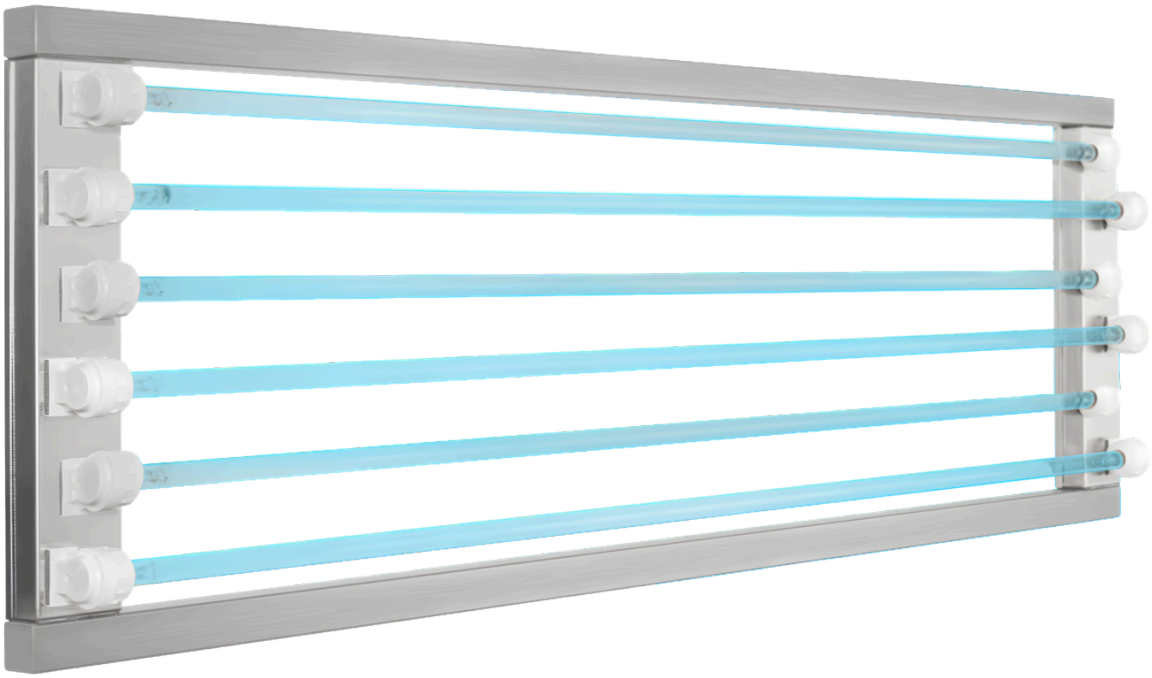
LIGHT PROGRESS UV-SMELL-SQ

SAFE KITCHENS AND COMFORTABLE DINING

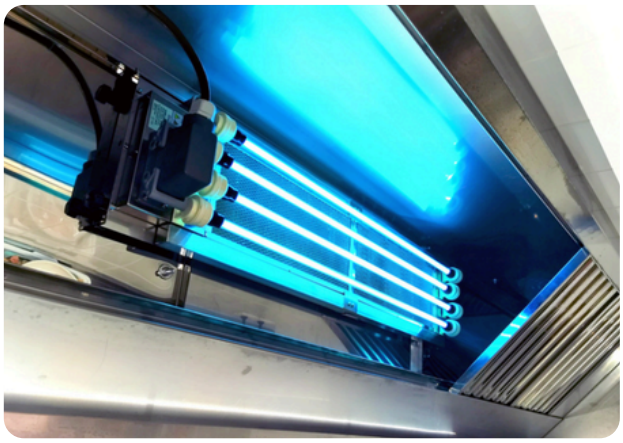


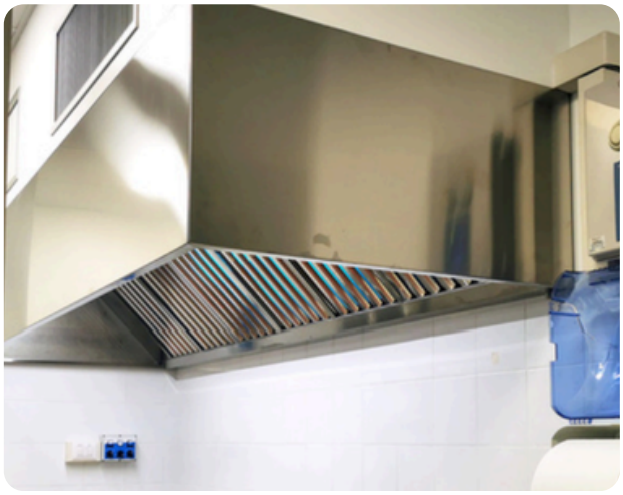
In Kitchen ventilation systems, UV-SMELL-SQ reduces the need for cleaning and maintenance, extends filters' life, and, more importantly, offers the possibility to work safely

From 1.000 mc/h to 4.800 mc/h, is the first device in the market that can handle UV-C+O3 (Ozone) or UV-C Ozone-Free lamps.

KEY PRODUCT FEATURES

- Fit Anywhere, modules with UV lamps in series, compact form factor, many sizes and wattages available.
- Increased Disinfection Performance, with High-Output UV-C lamps (253,7 nm) or Ozone lamps.
- Built to last, with high-quality Stainless Steel AISI 304, high temperatures resistance (up to 50 °C), as well as endurance to fats and oils.
- Protected and Safe, IP55 Rating and optional differential pressure switch for aspiration control for automatic switch OFF (PRESS-205A).
- Optimized Efficacy with TiOx® filter, (Titanium Dioxide - TiO2), an excellent photo-catalyst that degrades pollutants, organic compounds and inorganic compounds (SOV, NOx and VOC volatile organic compounds, nitrogen oxides)
- Monitor your operation with Alarm signals.
- Optional control board available for advanced management of multiple devices







MODEL	UV-SMELL-SQ4/40H-(TX)	UV-SMELL-SQ4/90H-(TX)	UV-SMELL-SQ4/120H-(TX)	UV-SMELL-SQ-6/40H-(TX)	UV-SMELL-SQ6/90H-(TX)	UV-SMELL-SQ6/120H-(TX)
REPLACEMENT LAMP	N°4 CHS-40WHF	N°4 CHS-90WHF	N°4 CHS-120WH	N°6 CHS-40WHF	N°6 CHS-90WHF	N°6 CHS-120WH
OZONE COD. DEVICES	UV-SMELL-SQ-4/40H-Oz-(TX)	UV-SMELL-SQ4/90H-Oz-(TX)	UV-SMELL-SQ4/120H-Oz-(TX)	UV-SMELL-SQ-6/40H-Oz-(TX)	UV-SMELL-SQ6/90H-Oz-(TX)	UV-SMELL-SQ6/120H-Oz-(TX)
OZONE REPLACEMENT LAMP	N° 4 CHS-40WH-Oz	N° 4 CHS-90WH-Oz	N°4 CHS-120WH-Oz	N° 6 CHS-40WH-Oz	N° 6 CHS-90WH-Oz	N° 6 CHS-120WH-Oz
POWER CONSUMPTION	40x4 = 160W	90x4 = 360W	120x4 = 480W	40x6 = 240W	90x6 = 540W	120x6 = 720W
DIMENSIONS (WxHxD) (mm)	594 x 253 x 140	1052 x 253 x 140	1332 x 253 x 140	594 x 358 x 140	1052 x 358 x 140	1332 x 358 x 140
WEIGHT (kg)	5	5.5	6	6	6.5	7
COD. REPLACEMENT TIOX® FILTER - TX **	TX-SM-4/40	TX-SM-4/90	TX-SM-4/120	TX-SM-6/40	TX-SM-6/90	TX-SM-6/120
WEIGHT for devices with -(TX) (kg)	5.5	6	6	6.5	7	7.5
AIR FLOW RATE *** (m³/h)	1000	2400	3200	1600	3600	4800
LAMP LIFE (hours)*	≤ 18.000					
OZONE LAMP LIFE (hours)*	≤ 12.000					
PROTECTION RATING	IP55					
OP. TEMPERATURE* ***	MIN. -15°C ÷ MAX. +40°C | (MIN. 5.0°F ÷ MAX. +104.0°F)					
OP. RELATIVE HUMIDITY****	From 20 to max. 90%					
VAC | FREQUENCY	230V or 110-277V | 50/60 Hz					
POWER SUPPLY OPTION 1	SUPPLY BOX with: power supply, lamp life hour counter, Led synoptic					
POWER SUPPLY OPTION 2	Control Board for the management of multiple lamps with: access security, hour counter, UV lamp fault control and LED synoptic					
ELECTRICAL CONNECTION	Power Supply Cable to be purchased separately: m 3 (in.9' 10 ⅛) or m 10 (32' 9 ¾), IP67					

* Useful life can be substantially reduced by several environmental or technical factors

** Must be replaced once a year

*** At 2,5 m/s (or 492 fpm) air speed

**** Outside of these ranges, performance may not be optimal

POWER SUPPLY OPTIONS FOR PROFESSIONAL SYSTEMS

Lamp monitoring, connectivity and flexibility for customized applications.

MULTIPOLAR CABLES WITH SOCKET (IP67)

Always needed to connect the UV-C module to the Power Supplies.
Model "-4M" suitable for UV devices with 4 lamps.
Model "-6M" suitable for UV devices with 6 lamps.
Both models available in 2 different lenghts: 3 meters or 10 meters.

POWER SUPPLY OPTION 1. SUPPLY BOX "SB-SQ" MULTI-LAMP POWER AND MONITORING UNIT

The Supply Box SB-SQ is a simple and accessible control and power supply unit for managing multiple UV-C devices in a single system with centralized, reliable power distribution.

- Multiple device solution: dedicated power supply and monitoring for up to 6 UV-C lamps Faulty lamp alarm: LED indicator on synoptic scheme
- Exhaust lamp alarm: with hour counter and digital display
- IP45 protected: against water jets from any direction
- Easy connection: multipolar cable with pre-assembled terminal, ready to plug into the power supply box

POWER SUPPLY OPTION 2. CONTROL BOARD "MASTER-SM" COMPLETE MULTI-LAMP MANAGEMENT SYSTEM

The Supply Box SB-SQ is a simple and accessible control and power supply unit for managing multiple UV-C devices in a single system with centralized, reliable power distribution.

- Multiple device solution: dedicated power supply and monitoring for up to 6 UV-C lamps
- Faulty lamp alarm: LED indicator and dry contact output to connect to existing control panels and BMS

- Safety switch: low voltage input from existing control panels and BMS, switches off UV lamps when needed
- IP66/67 protected: complete dust protection and powerful water jets
- Exhaust lamp alarm: with hour counter, digital display, and dry contact output to connect to existing control panels and BMS
- Synoptic layout: to monitor the status of each connected UV-C lamp





	SUPPLY BOX "SB-SQ"		CONTROL BOARD "MASTER-SM"				
MAIN FEATURES							
MODEL	4X-BE-DUV	6X-BE-DUV	SM-4	SM-6	SM-8	SM-10	SM-12
CONTROL OF MULTIPLE DEVICES	1x SMELL-SQ-4/n	1x SMELL-SQ-6/n	1x SMELL-SQ-4/n	1x SMELL-SQ-6/n	2x SMELL-SQ-4/n	1x SMELL-SQ-4/n and 1x SMELL-SQ-6/n	2x SMELL-SQ-6/n or 4x SMELL-SQ-4/n
FAULTY LAMP ALARM	LED indicator		LED indicator Dry contact output * (up to 230V, 1A)				
EXHAUST LAMP ALARM	LED indicator		LED indicator Dry contact output * (up to 230V, 1A)				
LAMP LIFE HOUR COUNTER	Digital Display		Digital Display				
SAFETY INPUT contact from BMS or Safety System	-		Low voltage input				
SYNOPTIC SCHEME	LED indicator		LED indicator				
TECHNICAL FEATURES							
MODEL	4X	6X	SM-4	SM-6	SM-8	SM-10	SM-12
DIMENSIONS (mm) (W x H x D)	314x410x128		410x300x180	610x400x230		740x530x255	
HOUSING MATERIAL	ABS		ABS with transparent cover				
OPERATING TEMPERATURE**	min. -15°C ÷ max. +40°C (min. 5.0°F ÷ max. +104.0°F)		min. -15°C ÷ max. +40°C (min. 5.0°F ÷ max. +104.0°F)				
PROTECTION	IP 45		IP 66/67				
V AC | FREQUENCY	230V 50/60 Hz or 110V 50/60Hz		230V 50/60 Hz or 110V 50/60Hz				

* Dry contact output to be externally powered - to activate an external diagnostic system (BMS, MMS, SCADA, DCS, PLC)

** Outside of these ranges, performance may not be optimal

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PROFESSIONAL UV SOLUTIONS

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