

SITAIR MQSmini

SITAIR MQSmini series is characterized by easy and small size units. This technology consists of a UV light stick lamp to be placed inside civil and industrial rooms.

UV light clears and disinfects surfaces and indoor air from bacteria, virus and molds.

UV light radiates a special frequency of ultraviolet light that penetrates cell walls of biological contaminants, damaging their physiological structure.

The high factor of penetration of the UV light allows to treat important volumes of air and at the same time to reduce greatly microbial concentration levels.

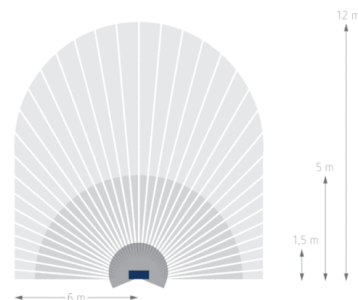
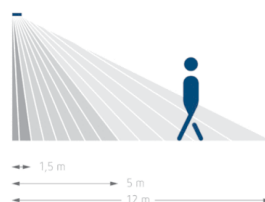


There are a lot of applications for this series. You can consider the installation of one or more of these systems wherever there is a need for aseptic areas and surroundings. These disinfection systems can be installed in the following places:

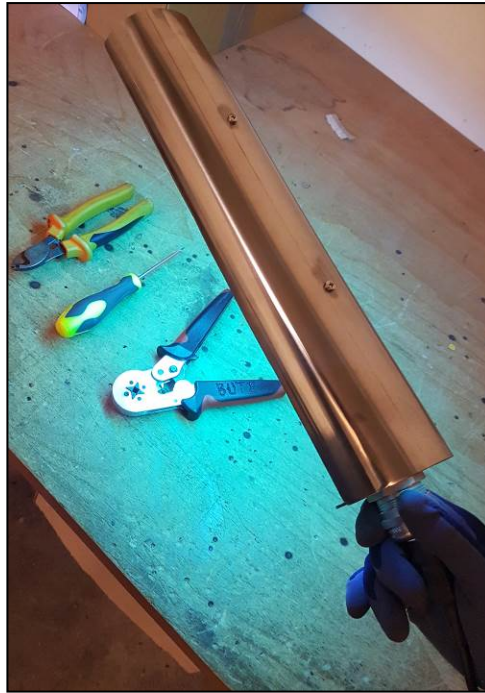
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|-------------------|-----------------------------|
| ✓ Waiting rooms | ✓ Private houses |
| ✓ Cinemas | ✓ Food industries |
| ✓ Operating rooms | ✓ Pharmaceutical industries |
| ✓ Hospitals | ✓ Laboratories |
| ✓ Offices | ✓ Breeding farms |
| ✓ Schools | ✓ Industrial plants |
| ✓ Ambulances | |

These systems are intended for air and environments disinfection without the presence of personnel.

In case of operators presence SITA can offer an external motion detector in order to stop the lamp when employees enter the room.



The smaller unit **MQSm 107 or 403** can be used to disinfect items that You usually touch and it's good for masks disinfection:



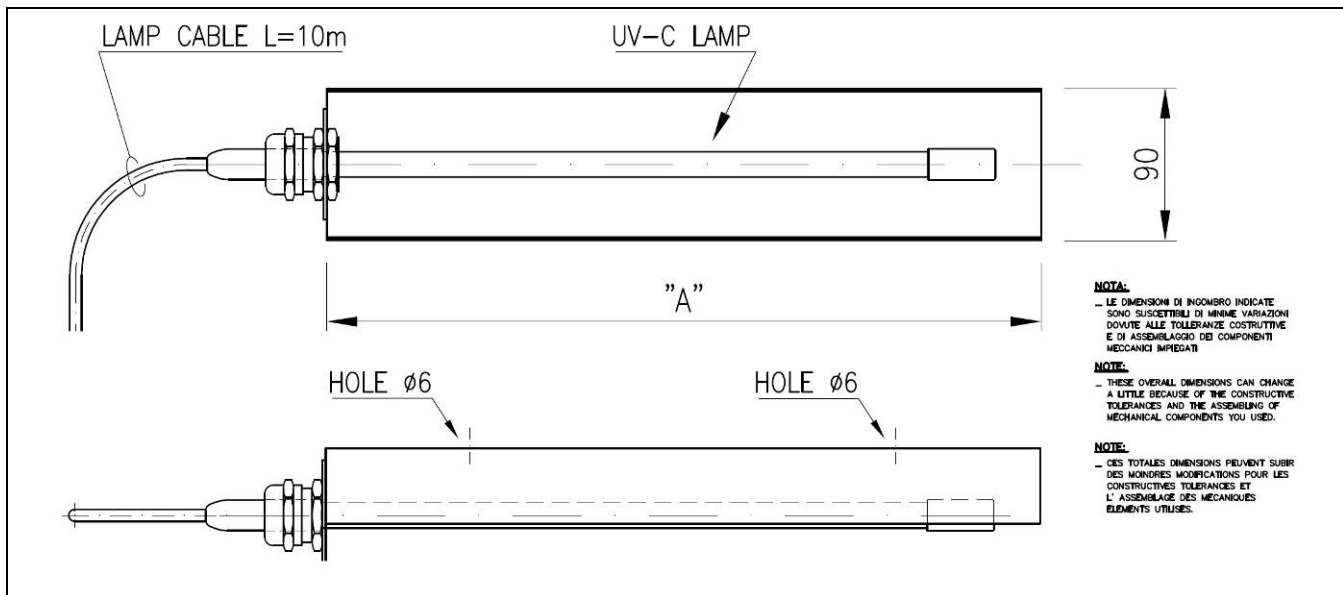
This procedure can be done by production workers for their working desks, tools or packaging of incoming new goods.



UV Light Danger:

This solution is intended to be used by skilled/trained operator in use of UVC light. The light of UV lamps can cause serious burns to unprotected skin and eyes, therefore it is recommended to power it on only when user is at a distance of 2 mt from the lamp. The user **MUST** handle the lamp ON only with gloves, glasses and skin covered or better put in place and turn on when You're at least at 2 mt distance.



MQSmini: Reflector Data



GENERAL INFORMATION	MQSm 107	MQSm 403	MQSm 405	MQSm 412
A (mm)	180	290	460	860
Lamp Lifespan	9000 hr			
Lamp power	12 W	16 W	30 W	40 W
Weight (gr)	30 gr	50 gr	75 gr	140 gr

MQSmini: Power Supply data

Single Lamp Options:

POWER SUPPLY	Standard AL type	Optional AL2 type
Model		
Material	Thermoplastic	
Dimensions (107-403)	95 x 55 x 90 mm	118 x 60 x 64 mm
Dimensions (405-412)	118 x 60 x 64 mm	
Protection class	IP 54	
Ambient temperature range	5 – 45 °C	
Power supply	230 V - 50/60 Hz (115V – 50/60 Hz on request)	
Lamp cable length	10 mt (longer on request)	
Power supply cable	1 m	
Feed plug	SCHUKO (Standard), UK, No plug	
Monitor display	No	Digital SITA
Days meter	No	Yes for total system life
Resettable days meter	No	Yes for lamp life control
Audio alarm	No	With silence options

2MultiLampOption:

CONTROL PANEL	2 lamps	3-4-5 Lamps
Model	 (SS 304/316 on request)	 (SS 304/316 or Plastic on request)
Material and colour	Black Polypropylene	Painted Steel – RAL 7035
Dimensions	215 x 215 x 90 mm	400 x 300 x 200 mm
Protection class	IP 55 (IP 65 on request)	IP 54
Ambient temperature range	5 – 45 °C	5 – 45 °C
Power supply	230 V - 50/60 Hz (115V – 50/60 Hz on request)	
Lamp cable	10 m	
Power supply cable	1 m	No
Monitor display	LCD SITA	
Hour meter	Yes for total system life	
Resettable hour meter	Yes for lamp life control	
Lamp function control	Yes	
Alarm led	Yes	
Free contact (NO - NC)	Yes – general alarm (max 2 A)	
230 V output (NO - NC)	Yes – general alarm (max 2 A)	
Remote ON/OFF contact	Yes (settable)	
ON/OFF Timer	Yes (settable)	
Audio Alarm	Optional	

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