



THE ULTIMATE SOLUTION FOR HVAC

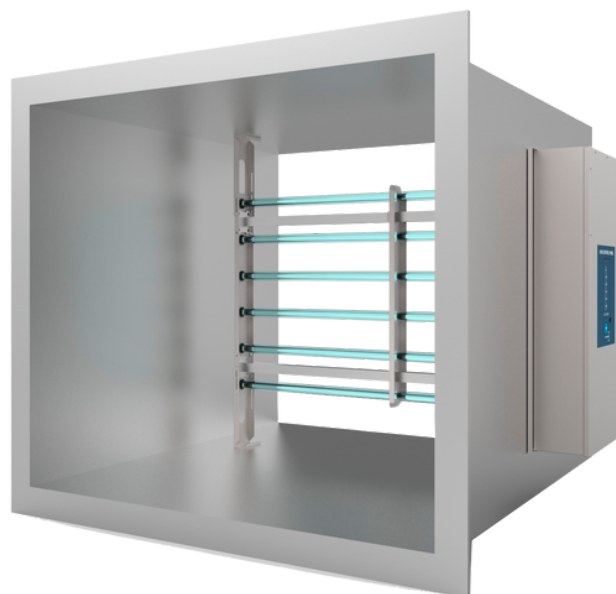
Flange models can be installed externally to the air duct, eliminating the need for operating inside the duct during installation, maintenance, and lamp replacement. They are also well-suited for **retrofitting old AHUs**, which are typically challenging to maintain.

Embedded power supply and Control Panel, with Electronic Ballast Synoptic LED for every single lamp, Overall Faulty alarm, Digital hour-counter to check lamps residual lifetime, with visual alarm and signal for lamp replacement.



KEY PRODUCT FEATURES

- **One for All**, these modules can fit easily in many different ductwork sizes and include integrated power supplies. Connect and disinfect.
- **Increased Disinfection Performance**, with a High-Output UV-C lamp (253,7 nm) enclosed in a Quartz Sleeve, to increase disinfection performances and protect the lamp from temperatures fluctuations.
- **Built to Last**, in high-quality Stainless Steel AISI 304, all material tested for UV resistance.
- **Protected**, resistant to dust and splashes with an IP55 Rating.
- **Integrate and Monitor**, your operation with visual lamp failure alarm signals, hour counter, and lamp replacement alert.



HEALTHCARE



HVAC



PROCESS
INDUSTRY



HOSPITALITY



SHARED
SPACES



PUBLIC
VENUES



WELLNESS
CENTRES



TRANSPORT

TECHNICAL TABLE	UVRACK 3/40H-CS	UVRACK 4/40H-CS	UVRACK 6/40H-CS	UVRACK 3/60H-CS	UVRACK 4/60H-CS	UVRACK 6/60H-CS
REPLACEMENT LAMP	N° 3 GH4-40WH	N° 4 GH4-40WH	N° 6 GH4-40WH	N° 3 GH6-60W	N° 4 GH6-60W	N° 6 GH6-60W
POWER CONSUMPTION	120W	160W	240W	180W	240W	360W
EXTERNAL FLANGE CONTROL PANEL (WxHxD)	mm 515 x 352 x 115 (in 20.2 x 13.9 x 4.53)	mm 362 x 452 x 115 (in 14.3 x 17.8 x 4.53)	mm 362 x 652 x 115 (in 14.3 x 27.5 x 4.53)	mm 515 x 352 x 115 (in 20.2 x 13.9 x 4.53)	mm 362 x 452 x 115 (in 14.3 x 17.8 x 4.53)	mm 362 x 652 x 115 (in 14.3 x 27.5 x 4.53)
DEVICE SIZE (length inside the duct)	mm 443 (in 17.4)			mm 587 (in 23.1)		
DUCT INTERNAL HEIGHT (min-max)	mm 300 - 400 (in 11.81 - 15.74)	mm 400 - 550 (in 15.74 - 21.65)	mm 600 - 750 (in 23.62 - 29.52)	mm 300 - 400 (in 11.81 - 15.74)	mm 400 - 550 (in 15.74 - 21.65)	mm 600 - 750 (in 23.62 - 29.52)
DUCT INTERNAL DEPTH (min-max)	mm 450 - 600 (in 17.71 - 23.62)			mm 600 - 900 (in 23.62 - 35.43)		
WEIGHT	kg 8 (lb 17.6)	kg 9,5 (lb 21)	kg 13 (lb 28.6)	kg 8,5 (lb 18.7)	kg 10 (lb 22)	kg 14 (lb 30.8)
	UVRACK 3/90H-CS	UVRACK 4/90H-CS	UVRACK 6/90H-CS	UVRACK 3/120H-CS	UVRACK 4/120H-CS	UVRACK 6/120H-CS
REPLACEMENT LAMP	N° 3 GH9-90WH	N° 4 GH9-90WH	N° 6 GH9-90WH	N° 3 GH11-120WH	N° 4 GH11-120WH	N° 6 GH11-120WH
POWER CONSUMPTION	270	360	540	360	480	720
EXTERNAL FLANGE CONTROL PANEL (WxHxD)	mm 515 x 352 x 115 (in 20.2 x 13.9 x 4.53)	mm 362 x 452 x 115 (in 14.3 x 17.8 x 4.53)	mm 362 x 652 x 115 (in 14.3 x 27.5 x 4.53)	mm 515 x 352 x 115 (in 20.2 x 13.9 x 4.53)	mm 362 x 452 x 115 (in 14.3 x 17.8 x 4.53)	mm 362 x 652 x 115 (in 14.3 x 27.5 x 4.53)
DEVICE SIZE (length inside the duct)	mm 897 (in 35.3)			mm 1181 (in 46.5)		
DUCT INTERNAL HEIGHT (min-max)	mm 300 - 400 (in 11.81 - 15.74)	mm 400 - 550 (in 15.74 - 21.65)	mm 600 - 750 (in 23.62 - 29.52)	mm 300 - 400 (in 11.81 - 15.74)	mm 400 - 550 (in 15.74 - 21.65)	mm 600 - 750 (in 23.62 - 29.52)
DUCT INTERNAL DEPTH (min-max)	mm 900 - 1200 (in 35.43 - 47.24)			mm 1200 - 1500 (in 47.24 - 59.05)		
WEIGHT	kg 9,5 (lb 21)	kg 11 (lb 24)	kg 15 (lb 33)	kg 10,5 (lb 23)	kg 12 (lb 26.5)	kg 16,5 (lb 36.4)
FOR ALL MODELS						
LAMP LIFE (hours)*	≤ 18.000					
PROTECTION RATING	IP 55					
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	On-board power supply always included. Optional Control Board for the management of multiple lamps (with access security, hour counter, UV lamp fault control and LED synoptic).					
ELECTRICAL CONNECTION	Connection cable (3 x 1,5 mm²) NOT INCLUDED					

* Continuous operation

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

TROUBLE-FREE INTEGRATION AND INSTALLATION



- We provide the optimal point of integration for every product without requiring changes to your system.
- Mounting and powering the device can be done without complex requirements.
- Ongoing maintenance only takes a few minutes to replace lamps when necessary.

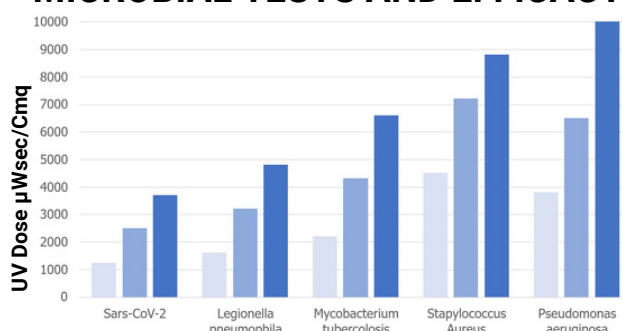
TECHNICAL DRAWINGS

Every Light Progress Product is available in detailed DWG and STEP files for your design-in and specification clarity.



CLICK
HERE

MICROBIAL TESTS AND EFFICACY



Up-to log3 microbial reduction on Airflow, Coils and HVAC surfaces, 24 hours a day.

Light Progress customers rely on our extensive history of third party testing and proven efficacy to meet any level of disinfection validated against literally any virus or microorganism.

We understand your need to meet Regulatory Requirements and Industrial Standards as we help you achieve microbial load reduction using our UV systems.

Light Progress Group SRL
Anghiari (AR)
ITALIA
P: (+39) 0575 749255
E: info@lightprogress.it
W: www.lightprogress.it

Light Progress GmbH
Aschaffenburg (BY)
DEUTSCHLAND
P: +49 176 761 42327
E: gmbh@lightprogress.de
W: www.lightprogress.de

Light Progress LLC
Dallas, (TX)
USA
P: (+1) 833-882-4255
E: americas@lightprogress.it
W: www.lightprogress.us

OFFICIALLY DISTRIBUTED BY:

INTELI SOLUTIONS
Solutions Intelligent Trading & Supply
Marcela García Palma
(+57) 3054478965
ventas@intelisolutions.com.co
www.intelisolutions.com.co
Bogotá-Colombia-Sur America



MASTER-SB



TABLE - Tabella

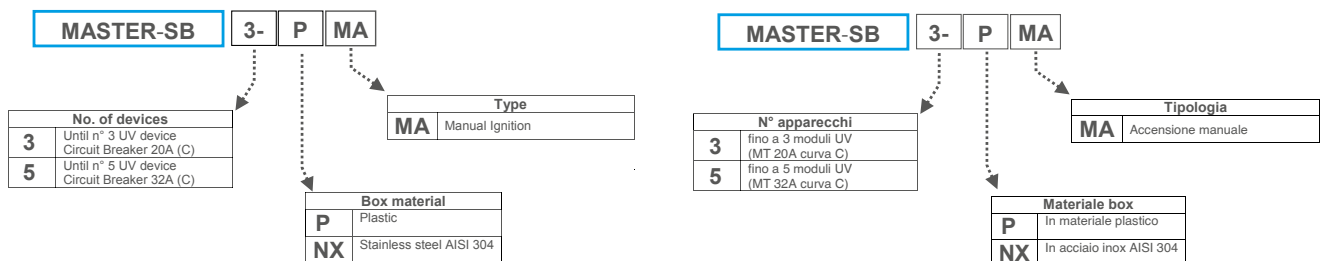
		MASTER-SB 3-P-MA	MASTER-SB 5-P-MA
DIMENSION	DIMENSIONI	410X300X180	410X300X180
MATERIAL*	MATERIALE*	ABS Enclosure with Transparent Polycarbonate Lid cassetta in ABS coperchio in policarbonato trasparente	
WEIGHT	PESO	7kg	12kg
PROTECTION RATING	GRADO DI PROTEZIONE	IP 66/67	

*on request/su richiesta S.S. 304 / Acciao AISI 304

	UV SERIES SERIE UV	SWITCHING ON ACCENSIONE	FAULTY ALARM LAMP ALLARME LAMPADA GUASTA	SAFETY SICUREZZA	HOURLY COUNTER CONTAORE	SYNOPTIC SINOTTICO
			1.	2.	3.	4.
MASTER-SB-n-P-MA	UV-RACK	Manual Manuale	Yes	Yes	Yes	Yes
	UV-DUCT-SQ		SI	SI	SI	SI
	UV-SMELL-SQ					

1. FAULTY ALARM LAMP / ALLARME LAMPADA GUASTA	Faulty lamp alarm	Controllo lampada guasta
2. SAFETY / SICUREZZA	Access safety block	Gestione della sicurezza accesso UV-C (carter di protezione)
3. HOURLY COUNTER / CONTAORE	Digital hour counter with exhausted lamps alarm	Digitale con allarme esaurimento lampade
4. SYNOPTIC / SINOTTICO	Synoptic LED schema	Rappresentazione grafica della disposizione lampade

CODES - Codifica



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