



THE ULTIMATE SOLUTION FOR HVAC

Flange models can be installed externally to the air duct, eliminating the need for operating inside the duct. 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.

UL-certified version available.



**ductwork shown for demonstration purposes only*

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)*	max. 18.000					
PROTECTION RATING	IP 55					
OP. TEMPERATURE OP. RELATIVE HUMIDITY **	MIN. -15°C ÷ MAX. +40°C (MIN. 5.0°F ÷ MAX. +104.0°F) FROM 20 TO MAX. 90%					
VAC FREQUENCY	230V or 110V 50/60 Hz					
ELECTRICAL CONNECTION	Three-core cable 2P+E (not included)					
CONTROL PANEL FEATURES						
FAULTY LAMP ALARM	Dry contact output *** (up to 24V-500mA) and LED indicator on synoptic scheme					
EXHAUST LAMP ALARM	Dry contact output *** (up to 230V, 1A) and LED indicator on synoptic scheme					
LAMP LIFE HOUR COUNTER	with Digital Display					

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

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

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

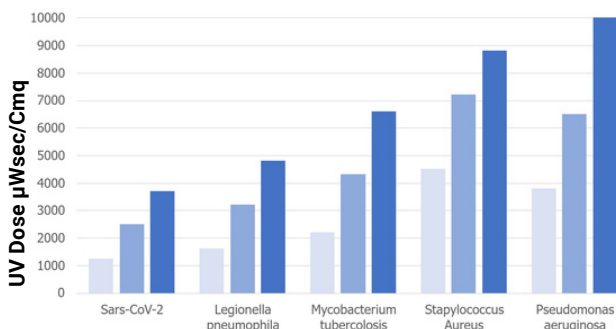


TECHNICAL DRAWINGS

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



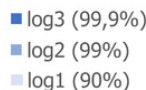
MICROBIAL TESTS AND EFFICACY



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.



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