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

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 (lenght 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 (lb18.7)	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 (lenght 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 maintanance only takes a few minutes to replace lamps when necessary.
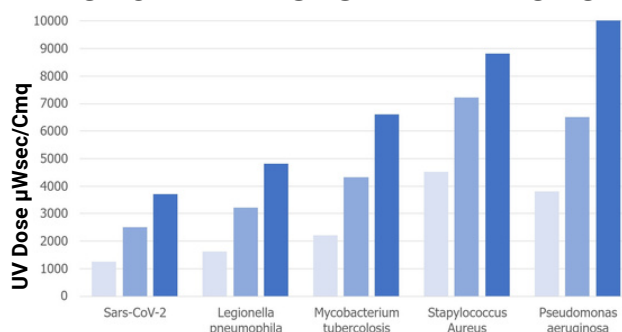
TECHNICAL DRAWINGS

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

- log3 (99,9%)
- log2 (99%)
- log1 (90%)

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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