PRODUCT SPECSHEET

UV-RACK

LIGHT PROGRESS
UV-C Technology Solutions

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.

**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 (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)*	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.

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.it
W: www.lightprogress.de

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

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