LIGHT PROGRESS UV-RACK

THE ULTIMATE SOLUTION FOR HVAC

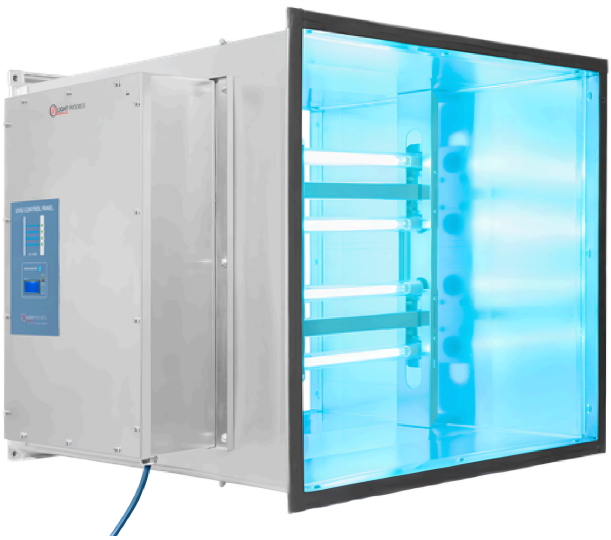


Flange models can be installed externally to the air duct, eliminating the need for operating inside the duct. They are also well-suited for retrofitting old AHUs, which are typically challenging to maintain.

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

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.







MODEL	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	362 x 452 x 115	362 x 652 x 115	515 x 352 x 115	362 x 452 x 115	362 x 652 x 115
DEVICE SIZE (lenght inside the duct) (mm)	443			587		
DUCT INTERNAL HEIGHT (min-max) (mm)	300 - 400	400 - 550	600 - 750	300 - 400	400 - 550	600 - 750
DUCT INTERNAL DEPTH (min-max) (mm)	450 - 600			600 - 900		
WEIGHT (kg)	8	9.5	13	8.5	10	14
MODEL	**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	270W	360W	540W	360W	480W	720W
EXTERNAL FLANGE CONTROL PANEL (WxHxD) (mm)	515 x 352 x 115	362 x 452 x 115	362 x 652 x 115	515 x 352 x 115	362 x 452 x 115	362 x 652 x 115
DEVICE SIZE (lenght inside the duct) (mm)	897			1181		
DUCT INTERNAL HEIGHT (min-max) (mm)	300 - 400	400 - 550	600 - 750	300 - 400	400 - 550	600 - 750
DUCT INTERNAL DEPTH (min-max) (mm)	900 - 1200			1200 - 1500		
WEIGHT (kg)	9.5	11	15	10.5	12	16.5
LAMP LIFE (hours)*	max. 18000					
PROTECTION RATING	IP55					
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 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)

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PROFESSIONAL UV SOLUTIONS

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