



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.



















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 (Wxxtxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	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
EXTERNAL FLANGE CONTROL PANEL (WXHXD) (in 20.2 x 13.9 x 4.53) (in 14.3 x 17.8	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
CONTROL PANEL (WxHxD) (in 20.2 x 13.9 x 4.53) (in 14.3 x 17.8 x 4.53) (in 14.3 x 27.5 x 4.53) (in 20.2 x 13.9 x 4.53) (in 14.3 x 17.8 x 4.53) (in 14.3 x 27.5 x 4.53) DEVICE SIZE (tength inside the duct) Imm 443 (in 17.4) Imm 440 - 550 (in 17.4) Imm 440 - 550 (in 17.4) Imm 600 - 750 (in 18.3 - 15.74) Imm 400 - 550 (in 23.62 - 29.52) Imm 300 - 400 (in 11.81 - 15.74) Imm 400 - 550 (in 23.62 - 29.52) Imm 300 - 400 (in 11.81 - 15.74) Imm 600 - 900 (in 12.62 - 29.52) DUCT INTERNAL DEPTH (min-max) Imm 450 - 600 (in 17.71 - 23.62) Imm 450 - 600 (in 17.71 - 23.62) Imm 600 - 900 (in 23.62 - 35.43) WEIGHT (lb 17.6) Imm 450 - 600 (in 17.71 - 23.62) Imm 600 - 900 (in 23.62 - 35.43) WEIGHT (lb 28) (lb 21) Imm 600 - 900 (in 23.62 - 35.43) WEIGHT (lb 27) Imm 600 - 900 (in 23.62 - 35.43) WEIGHT (lb 17.6) (lb 21) UVRACK (8/90H-CS UVRACK (9/90H-CS UVRACK (9/90H-CS UVRACK (9/90H-CS <t< th=""><th>POWER CONSUMPTION</th><th>120W</th><th>160W</th><th>240W</th><th>180W</th><th>240W</th><th>360W</th></t<>	POWER CONSUMPTION	120W	160W	240W	180W	240W	360W
Clenght inside the duct)	1						
(min-max) (in 11.81-15.74) (in 15.74-21.65) (in 23.62-29.52) (in 11.81-15.74) (in 15.74-21.65) (in 23.62-29.52) DUCT INTERNAL DEPTH (min-max) tmm 450-600 (in 17.71-23.62) tmm 450-600 (in 17.71-23.62) tmm 600-900 (in 23.62-35.43) WEIGHT kg 8 8 (lb 17.6) kg 9,5 (lb 21) kg 13 (lb 28.6) kg 8,5 (lb 18.7) kg 10 (lb 20.2) kg 14 (lb 30.8) WEIGHT 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 14.3 x 17.8 x 4.53) mm 362 x 452 x 115 (in 14.3 x 17.8 x 4.53) mm 362 x 452 x 115 (in 14.3 x 17.8 x 4.53) mm 362 x 452 x 115 (in 14.3 x 17.8 x 4.53) mm 31181 (in 46.5) mm 31181 (in 46.5) DUCT INTERNAL HEIGHT (min-max) mm 300 - 400 (in 15.74 - 21.65) mm 600 - 750 (in 23.62 - 29.52) mm 300 - 400 (in 17.24 - 21.65) mm 200 - 1500 (in 23.62 - 29.52) DUCT IN							
(min-max) (in 17.71 - 23.62) (in 17.71 - 23.62) (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) WEIGHT 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 14.3 x 17.8 x 4.53) mm 362 x 452 x 115 (in 14.3 x 27.5 x 4.53) mm 362 x 452 x 115 (in 14.3 x 27.5 x 4.53) mm 362 x 452 x 115 (in 14.3 x 27.5 x 4.53) mm 362 x 452 x 115 (in 14.3 x 27.5 x 4.53) mm 400 - 550 (in 14.3 x 17.8 x 4.53) mm 400 - 550 (in 14.3 x 17.8 x 4.53) mm 400 - 550 (in 15.74 - 21.65) mm 600 - 750 (in 11.81 - 15.74) mm 400 - 550 (in 23.62 - 29.52) DUCT INTERNAL DEPTH (min-max) mm 900 - 1200 (in 35.43 - 47.24) kg 15 (b 24) kg 10.5 (ib 23) kg 12 (ib 26.5) kg 16.5 (ib 36.4)							
WEIGHT (Ib 17.6) (Ib 21) (Ib 28.6) (Ib 18.7) (Ib 22) (Ib 30.8)	1						
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	WEIGHT						
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 362 x 452 x 115 (in 14.3 x 17.8 x 4.53) mm 362 x 452 x 115 (in 14.3 x 17.8 x 4.53) mm 362 x 452 x 115 (in 14.3 x 27.5 x 4.53)							
EXTERNAL FLANGE CONTROL PANEL (WxHxD) mm 515 x 352 x 115 mm 362 x 452 x 115 mm 362 x 652 x 115 mm 362 x 65	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
CONTROL PANEL (WxHxD) (in 20.2 x 13.9 x 4.53) (in 14.3 x 17.8 x 4.53) (in 14.3 x 27.5 x 4.53) (in 20.2 x 13.9 x 4.53) (in 14.3 x 17.8 x 4.53) (in 14.3 x 27.5 x 4.53) DEVICE SIZE (lenght inside the duct)	POWER CONSUMPTION	270	360	540	360	480	720
Clenght inside the duct) (in 35.3) (in 46.5) DUCT INTERNAL HEIGHT (min-max) mm 300 - 400 (in 11.81 - 15.74) mm 400 - 550 (in 23.62 - 29.52) mm 600 - 750 (in 11.81 - 15.74) mm 300 - 400 (in 15.74 - 21.65) mm 400 - 550 (in 23.62 - 29.52) mm 600 - 750 (in 11.81 - 15.74) mm 400 - 550 (in 23.62 - 29.52) mm 600 - 750 (in 11.81 - 15.74) mm 1200 - 1500 (in 47.24 - 59.05) DUCT INTERNAL DEPTH (min-max) kg 9,5 (in 35.43 - 47.24) kg 15 (in 47.24 - 59.05) kg 10,5 (in 47.24 - 59.05) kg 16,5 (in 48.5) WEIGHT (in 23.62 - 29.52) kg 11 (in 23.62 - 29.52) kg 15 (in 47.24 - 59.05) kg 16,5 (in 48.5)							
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WEIGHT (IĎ 21) (IĎ 24) (IĎ 33) (IĎ 23) (IĎ 26.5) (IĎ 36.4)							
FOR ALL MODELS	WEIGHT						
10171111100000				FOR ALL I	MODELS		
LAMP LIFE (hours)* ≤ 18.000	LAMP LIFE (hours)*	≤ 18.000					
PROTECTION RATING IP 55	PROTECTION RATING	IP 55					
OP. TEMPERATURE** MIN15°C ÷ MAX. +40°C (MIN. 5.0°F ÷ MAX. +104.0°F)	OP. TEMPERATURE**	MIN15°C ÷ MAX. +40°C (MIN. 5.0°F ÷ MAX. +104.0°F)					
OP. RELATIVE HUMIDITY** From 20 to max. 90%	OP. RELATIVE HUMIDITY**	From 20 to max. 90%					
VAC FREQUENCY 230V or 110-277V 50/60 Hz	VAC FREQUENCY	230V or 110-277V 50/60 Hz					
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).	POWER SUPPLY						
ELECTRICAL CONNECTION Connection cable (3 x 1,5 mm²) NOT INCLUDED	ELECTRICAL CONNECTION	Connection cable (3 x 1,5 mm²) NOT INCLUDED					

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.

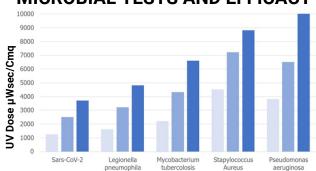
TECHNICAL DRAWINGS

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





MICROBIAL TESTS AND EFFICACY



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

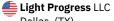
Up-to log3 microbial reduction on Airflow, Coils and HVAC surfaces, 24 hours a day.

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.

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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^{*} Continuous operation
** Outside of these ranges, performance may not be optimal