



UVLA - AMALGAM SYSTEMS

UV System	UVLA-120-4	UVLA-200-4	UVLA-340-4	UVLA-200-6	UVLA-340-6	UVLA-200-8	UVLA-340-8
-----------	------------	------------	------------	------------	------------	------------	------------

Performance

Certification WRAS Approved, CE Marked (UVLA-200-4 validated to USEPA UVDGM 2006)

UV Dose Range Minimum Wall Dose / Average UV Dose

UV Lamps

Lamp Power 120 W 200 W 325 W 200 W 325 W 200 W 325 W

Lamp Number 1 1 1 1 1 1 1

Lamp Life Greater Than 12,000 Hours

Lamp Design TWISTLOK PLUS™ Quick Release, Enhanced Safety - Low Pressure Amalgam

UV Monitoring & Temperature Probe	AT-605 UV Monitor	AT-463 UV Monitor	AT-900 UV Monitor	AT-487 Temperature Probe
Synergy 2	Included	-	-	Costed Option
Synergy 3	Included	Costed Option	-	Costed Option
SPECTRA II	-	Included	Costed Option	Included

UV Chamber

Connection Size (mm/inch) DN50/2" DN50/2" DN50/2" DN80/3" DN80/3" DN80/3" DN80/3"

Connection Type BS4504 PN10 RF Flange

Design Pressure 10 Barg Design (15 Barg test)

Material Construction 316L Stainless Steel

Internal / External Finish 1.6 µm Ra / 1.6 µm Ra

Standard Body Design Open Access Chamber

Mounting Adjustable PVC Pipe Clips

Lamp and Wiper Access Dual Ended Dual Ended Dual Ended Single Ended Single Ended Single Ended Single Ended

Quartz Type High Purity Quartz Sleeve

Wiper System Manual Wiper System (Optional) / Automatic Wiper System (Optional with Synergy 3 & Spectra II)

High Temperature Adapter Adapter needed if fluid temperature is over 60 °C

Vent & Drain Port Yes

Ingress Protection IP66

Installation Horizontal or Vertical Horizontal Horizontal or Vertical Horizontal Horizontal or Vertical Horizontal

Chamber Options 0.4 µm and 0.8 µm Ra Internal Polish Upgrade / Electropolish Upgrade / Bleed Solenoid / Sample Tap Super Duplex 25% Chrome Steel / Tri-Clamp Connections

Local Control Panel - Synergy 2 / Synergy 3 & Spectra II

Lamp Power Supply High Frequency Electronic Ballast

Power Consumption 132 W 220 W 358 W 220 W 358 W 220 W 358 W

Mains Power 230 V

Power Requirements 1 Phase + Neutral + Earth

Frequency 50 Hz / 60 Hz

Operating Temperature Max Working Ambient +35 °C

Operational Information Please See Synergy 2 Data Sheet (Upgrade to Synergy 3 & Spectra II Optional)

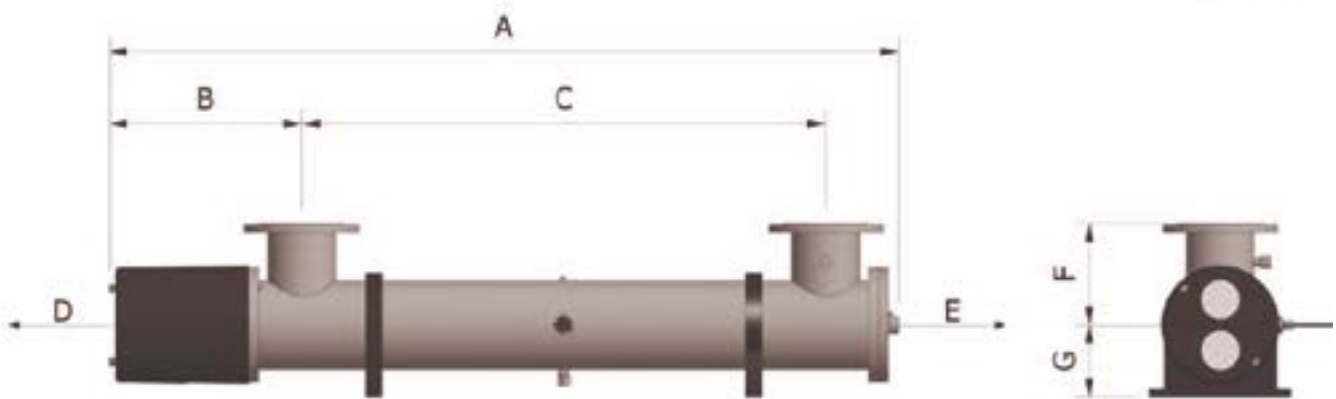


UV System	UVLA-120-4	UVLA-200-4	UVLA-340-4	UVLA-200-6	UVLA-340-6	UVLA-200-8	UVLA-340-8
Chamber Dimensions							
A	1034 mm*	1311 mm*	1734 mm*	1536 mm	1959 mm	1534 mm	1957 mm
B	422 mm	420 mm	422 mm	438 mm	440 mm	441 mm	438 mm
C	720 mm	1000 mm	1240 mm	960 mm	1380 mm	950 mm	1380 mm
D	960 mm	1240 mm	1650mm	1297 mm	1720 mm	1297 mm	1720 mm
E	250 mm*	250 mm*	250 mm*	250 mm	250 mm	250 mm	250 mm
F	175 mm	175 mm	175 mm	225 mm	225 mm	250 mm	250 mm
G	120 mm	120 mm	120 mm	147 mm	147 mm	177 mm	177 mm
Dry Weight	29 kg	31 kg	38 kg	52 kg	59 kg	70 kg	80 kg
Wet Weight	37 kg	42 kg	52 kg	76 kg	92 kg	111 kg	135 kg

* Dimension is increased if a wiper is fitted

Synergy 2 - Dimensions							
Width	425 mm						
Height	275 mm						
Depth	167 mm						
Weight	9 kg						
Standard Cable Length	5 m						
Maximum Cable Distance	10 m	10 m	10 m	10 m	10 m	10 m	10 m

KEY FOOTPRINT DIMENSIONS



For full dimensions please see the specific GA drawing.

© Ozonotech

Elektravägen 53
 SE-126 30 Hägersten, Sweden
 +46 8 714 07 00
 www.ozonotech.com

