

| 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 Connector - Quick Release, Enhanced Safety - Low Pressure Amalgam |       |       |       |       |       |       |

| UV Monitoring & Temperature Probe | AT-463 UV Monitor | AT-900 UV Monitor |
|-----------------------------------|-------------------|-------------------|
| SPECTRA II                        | Included          | Costed Option     |

| 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 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<br>Super Duplex 25% Chrome Steel / Tri-Clamp Connections |            |                        |              |                        |              |              |

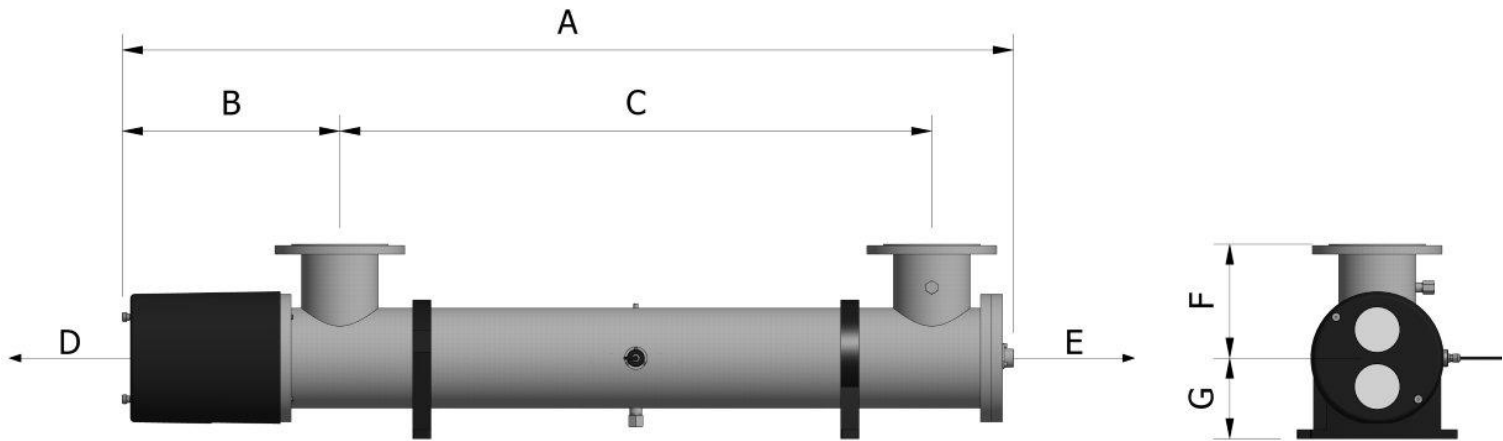
| Spectra II - Local Control Panel |                                        |       |       |       |       |       |       |
|----------------------------------|----------------------------------------|-------|-------|-------|-------|-------|-------|
| Lamp Power Supply                | High Frequency 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          | Spectra II (Spectra II Touch Optional) |       |       |       |       |       |       |

# ATG-UV DISINFECTION SYSTEMS

## TECHNICAL DATA SHEET

### UVLA - AMALGAM SYSTEMS

#### KEY FOOTPRINT DIMENSIONS



For full dimensions please see the specific GA drawing.

| 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    | 1420 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

| Spectra II - Dimensions |        |      |      |      |      |      |      |
|-------------------------|--------|------|------|------|------|------|------|
| Width                   | 600 mm |      |      |      |      |      |      |
| Height                  | 600 mm |      |      |      |      |      |      |
| Depth                   | 210 m  |      |      |      |      |      |      |
| Weight                  | 25 kg  |      |      |      |      |      |      |
| Standard Cable Length   | 5 m    |      |      |      |      |      |      |
| Maximum Cable Distance  | 10 m   | 10 m | 10 m | 10 m | 10 m | 10 m | 10 m |