**SLA - STANDARD AMALGAM SYSTEMS**

### UV Chamber

**Connection Size (inch)**  
- UV Chamber: 2”, 2”, 2”, 2”, 2”, 2”

- Connection Type: BSP Male Threaded Connection

- Design Pressure: 10 Barg design (15 Barg test)

- Material Construction: 316L Stainless Steel

- External Finish: Stainless Steel Polished

- Standard Body Design: All Welded Construction

- Mounting: Adjustable PVC Pipe Clips

- Lamp Access: Single Ended Access

- Quartz Type: High Purity Quartz Sleeves

- Wiper System: N/A

- Vent/Drain Port: Vent Optional, Drain Standard

- Ingress Protection: IP66

- Installation: Horizontal or Vertical

### Synergy 1 / 2 / 3 - Local Control Cabinet


- **Lamp Power Supply**: High Frequency Electronic Ballast

- **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 1 / 2 / 3 Data Sheets

### UV Lamps and Monitoring

- **Lamp Power**: 120 W, 120 W, 200 W, 200 W, 325 W, 325 W

- **Lamp Number**: 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**: AT605 - IP66 (Synergy 2 / 3 Required for UV Monitoring Option)

- **Optional Extras**: AT-487 (PT-100) - IP66 (Synergy 2 / 3 Required for Temperature Option) AT-463 (4-20 mA) - IP66 with Synergy 3 only

### Synergy 1 - Dimensions

- **Width**: 410 mm

- **Height**: 250 mm

- **Depth**: 167 mm

- **Weight**: 7 kg

- **Standard Cable Length**: 5 m

- **Maximum Cable Distance**: 10 m

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