SL - STANDARD LOW PRESSURE SYSTEMS

**UV Chambers**
- **Connection Size (inch):** 1", 1", 1", 1", 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:** Dual Ended Access Required
  - **Quartz Type:** High Purity Quartz Sleeve
  - **Wiper System:** N/A
  - **Ingress Protection:** IP66
  - **Installation:** Horizontal or Vertical

**Synergy 1 / 2 / 3 - Local Control Cabinet**
- **Power Consumption:** 17W, 33W, 60W, 82W, 82W, 82W
  - **Lamp Power Supply:** High Frequency Electronic Ballast
  - **Mains Power:** 230V
  - **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:** 15 W, 30 W, 55 W, 75 W, 75 W, 75 W
  - **Lamp Number:** 1, 1, 1, 1, 1, 1
  - **Lamp Life:** Greater Than 12,000 Hours
  - **Lamp Design:** Low Pressure
  - **UV Monitoring:** AT605 - IP66 (Synergy 2 / 3 Required For UV Monitoring)
  - **Optional Extras:** AT-487 (PT-100) - IP66 (Synergy 2 / 3 Required for Temperature Option)
    - AT-483 (4-20 mA) - IP66 with Synergy 3 only

**Chamber Dimensions**
- **A:** 500 mm, 960 mm, 960 mm, 1267 mm, 1,267 mm, 1,267 mm
- **B:** 90 mm, 90 mm, 90 mm, 90 mm, 105 mm, 105 mm
- **C:** 320 mm, 780 mm, 780 mm, 1,090 mm, 1,060 mm, 1,060 mm
- **D:** 530 mm, 990 mm, 990 mm, 1,297 mm, 1,297 mm, 1,297 mm
- **E:** 250 mm, 250 mm, 250 mm, 250 mm, 250 mm, 250 mm
- **F:** 60 mm, 60 mm, 60 mm, 60 mm, 70 mm, 90 mm
- **G:** 49 mm, 49 mm, 49 mm, 49 mm, 83 mm, 96 mm

**Dry Weight:** 3 kg, 5 kg, 5 kg, 6 kg, 8 kg, 10 kg
**Wet Weight:** 4 kg, 7 kg, 7 kg, 9 kg, 12 kg, 18 kg

**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, 10 m, 10 m, 10 m, 10 m

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* For full dimensions please see the specific GA drawing.

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**Data Sheet - UV Disinfection Systems**

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**Experts in Ultraviolet Disinfection**

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