

# S-Series Specification Sheet

## S105

### UV Reactor

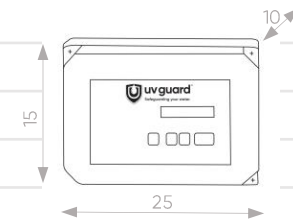
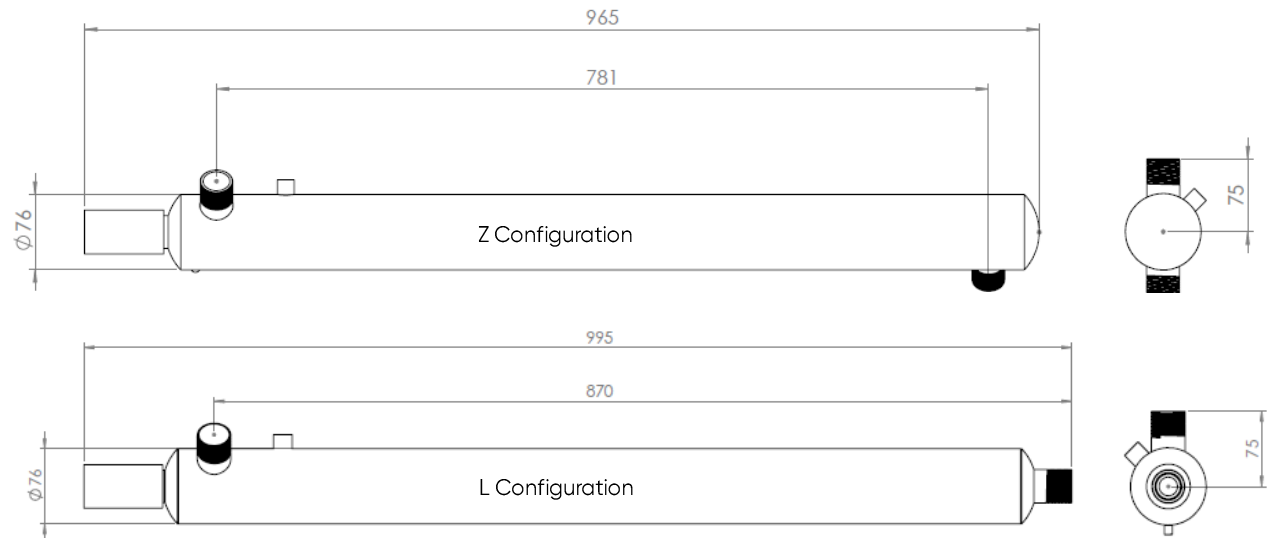
Certification	Australian WaterMark Level 1
Material	316L Stainless Steel
Inlet and outlet connections	1" BSPT, 1 1/2" BSPT
Inlet and outlet configurations	L or Z
Max pressure	10 bar (1000 kPa)
Weight when full	10 kg
IP rating	IP65
Lamp type	105W Low Pressure Amalgam
Lamp life	12,000 hours
Max Operating Temperature	60 °C
Lamp view port	Yes
Options	Sanitary inlet and outlet connections

### Controller

Material	Polycarbonate
Voltage (V/Hz)	240V, 50-60 Hz
Operating temperature range	5°C - 40°C
Power consumption	108W
Protection class	IP65
Standard features	Lamp on/off LEDs, digital lamp life timer, audible alarm
Options	Powder coated steel and 304 stainless steel enclosures, models to suit international electrical outlets, UV intensity monitoring, 4-20mA UV intensity output, volt free alarm outputs, lamp safety interlock switch, remote on input, alternative controller communication.

### Performance

Flow Rate @ 30mJ/cm <sup>2</sup>	8.3 m <sup>3</sup> /hr	UV dose calculated based on 95% UV Transmittance and lamp output at the end of life.
Flow Rate @ 40mJ/cm <sup>2</sup>	6.2 m <sup>3</sup> /hr	



A range of indoor controllers is also available to suit project needs.