

Saphir UV Treatment Unit

Our Saphir Ultraviolet disinfection units are UK manufactured, compact, economical designed with the consumer in mind.

Each unit utilises commonplace single ended low pressure UV lamp technology, thus making the system not only economical for energy running costs, but also for replacement UV lamps.

Single ended UV lamps also make servicing the equipment very simple



STANDARD FEATURES

- Water Resistant power control module (IP55)
- Long life / High Reliability UV Lamp
- Maximum 10 Bar Working Pressure
- Simple To Install
- Lamp On Indicator
- Simple To Service
- Electro-polished Chamber
- Commonplace UV Lamps

OPTIONS

- UV Lamp Status Indicator
- Lamp status (indicating lamp life),
- Telemetry volt free controls

PERFORMANCE

- All systems comply with international UV dose standards.
- All units are designed to meet standards even at end of lamp life.

ECONOMICAL

- Very low running costs – less than 5p per 24-hour period.
- Utilising commonplace UV Lamps.
- Designed for ease of installation and maintenance.

| Type | Flowrate * 30mJ/cm ² | Flowrate * 40mJ/cm ² | Connections | Lamp | Length | Weight |
|-----------|------------------------------------|------------------------------------|-------------|-----------|--------|--------|
| Saphir 1 | 18 L/M | 13.5 L/M | ¾" BSP M | GER15SE | 405 mm | 5 kg |
| Saphir 2 | 25.5 L/M | 19 L/M | ¾" BSP M | GER25SE | 554 mm | 6 kg |
| Saphir 3 | 45 L/M | 33 L/M | ¾" BSP M | GER25SEXO | 554 mm | 6 kg |
| Saphir 4 | 60 L/M | 45 L/M | 1" BSP M | GER36SE | 962 mm | 8 kg |
| Saphir 7 | 90 L/M | 66.5 L/M | 1" BSP M | GER36SEXO | 962 mm | 9 kg |
| Saphir 10 | 160 L/M | 120 L/M | 1½" BSP M | GER36SEXO | 962 mm | 12 kg |

* Transmission = 98% per 1 cm at end of lamp life

All models are constructed in 304 stainless steel, have a lamp life of 8760 hours (approx 1 year), and are suitable for connection to a 240 volt single phase domestic power supply.

These units should only be used with a correctly sized 5 micron particulate pre filter. These are also available from us.



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