

UK MANUFACTURED

Saphir Systems

Low-Cost, Chemical-Free Ultraviolet Disinfection

Safe drinking water for homes and hospitality.
Keeping you, your family & guests safe from infections.



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 **Daro**
UV SYSTEMS

UV inactivates more than **99.99%** of bacteria, viruses, mould spores, algae and yeast.



Saphir Range

The Saphir is available in a number of sizes according to the size of property or multiple properties such as a guest house or hotel.

Saphir control boxes are available in three variants; Saphir, Saphir Plus and Saphir Pro, each with increasingly improved telemetry options and performance monitoring capabilities.

British designer and manufacturer, Daro UV Systems has been designing manufacturing UV disinfection systems in the UK for over 40 years.



The Benefits

- Eliminates the cost and hassle of buying, handling and storing toxic chemicals
- No risk of 'overdose' with UV disinfection, unlike chemical disinfection
- No risk of residual by-products in your water
- Inexpensive to purchase and cost effective to run; Saphir system uses less power than a regular light bulb
- Easy to install into a current water supply
- No alteration of taste, odour or clarity of the water
- Environmentally friendly

Ideal For

Homes, guest houses and hotels.



Feature

- Compact space saving units
- Fit under regular size kitchen sink, incoming main or outlet of header tank
- Economical to run*
- Replacement lamps readily available
- Automatic alerts to any device
- Volt-free contact facility
- 12-month warranty

*24-hour period running costs between 7 pence to 30 pence per day.

**For safe
disinfection of
water 100%
of the time.**

UV is the smart alternative to chemical disinfection for peace of mind.

UV

Choosing Your Unit

To choose the best unit, match your needs with the units below or contact your local distributor or our head office info@darouv.co.uk.

Saphir Model	Saphir 1	Saphir 2	Saphir 3	Saphir 4	Saphir 7	Saphir 10
Flow rate* 30mJ/cm ²	18 lpm	30 lpm	53 lpm	60 lpm	118 lpm	160 lpm
Flow rate* 40mJ/cm ²	12.5 lpm	22.5 lpm	40 lpm	44 lpm	88 lpm	116 lpm
Connection	3/4" male bsp thread	3/4" male bsp thread	3/4" male bsp thread	1" male bsp thread	1" male bsp thread	1.5" male bsp thread
UV lamp	GER15SE	GER25SE	GER25XOSE	GER36SE	GER36XOSE	GER36XOSE
Application	Small dwelling	Whole house (family home)	Large dwelling (family home)	Large dwelling	Multiple user (guest house)	Multiple user (hotel)
Lamp life - hours	8760	8760	8760	8760	8760	8760
Construction - 316 stainless steel	✓	✓	✓	✓	✓	✓
Power supply - VAC/PH/Hz	220-240/1/50-60	220-240/1/50-60	220-240/1/50-60	220-240/1/50-60	220-240/1/50-60	220-240/1/50-60
Chamber length	405mm	554mm	554mm	962mm	962mm	962mm

IMPORTANT - All units comply with international minimum dose standards.

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

Saphir Systems Control Box Trim Levels	Saphir	Saphir Plus (+)	Saphir Pro
High efficiency electronic ballast power supply	✓	✓	✓
Lamp on indicator	✓	✓	✓
Lamp fail indicator		✓	✓
Power on indicator		✓	✓
Lamp change reminder with 365-days counter		✓	✓
Microcontroller		✓	✓
Visual display indication for lamp failure and end of life		✓	✓
Volt free contact for remote telemetry or solenoid shut off valve connection		✓	✓
UV output performance indicator			✓
Digital UV intensity display (%), with low UV warning			✓
Digital display / lamp life readout			✓

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