



**Lifeline UV is designed for safe, reliable and effective disinfection of water services**

**Environmentally friendly, chemical free treatment**

**High pathogen kill rate, low power consumption, low hydraulic pressure drop**

**Flexible design for multiple installation configurations**

**WRAS Approved, UK Manufactured, Quality Assured**

Above image shows:  
Lifeline UV 02300  
with UV Monitor

## LIFELINE UV 04400 TECHNICAL SPECIFICATION

### TREATMENT CAPACITY (m<sup>3</sup>/hr)

UV Transmission (UVT)	16mJ/cm <sup>2</sup> Average Dose	30mJ/cm <sup>2</sup> Average Dose	40mJ/cm <sup>2</sup> Average Dose	16mJ/cm <sup>2</sup> RED Dose	30mJ/cm <sup>2</sup> RED Dose	40mJ/cm <sup>2</sup> RED Dose
80%	40.80	22.30	11.60	17.20	15.50	10.30
85%	51.30	28.00	15.80	23.10	20.90	14.10
90%	64.20	35.10	21.50	29.90	28.50	19.60
95%	80.50	44.00	33.00	38.60	38.90	27.50
98%	92.20	50.40	35.40	46.60	46.90	33.70

### UV CHAMBER SPECIFICATION

Lamps	1
Lamp Type/Power (W)	Amalgam 270W
Expected Lamp Life (hours)*	12000
Temperature Sensor	Yes
UV Monitor	Optional
Manual/Automatic Cleaning Wiper	Optional
Material of Construction	316 L Stainless Steel, Electropolished and Passivated
Connections	DN80 EN1092-1 PN16 Flanged
Operating Pressure	10 Bar
Maximum Fluid Temperature	40C
IP Rating	IP65 (NEMA 4)
Length x Diameter (mm)**	1437 x 168
Weight (Dry/Wet)	25.0kg/50.5kg
Hydrostatically Pressure Tested	Yes (30 Minutes)
Vertical Mounting Option	Yes

\* Consult manufacturer for vertical installations

\*\* Allow chamber length clearance for lamp and sleeve replacement

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...SPECIFICATION CONTINUED



## ELECTRON CONTROLLER

Material of Construction	Painted Carbon Steel
IP Rating	IP65 (NEMA 4)
H x W x D (mm) Unwiped ***	490 x 300 x 170
H x W x D (mm) Wiped ***	690 x 400 x 225
Weight	B Model: 15kg RC/RCM Model: 16kg
Supply Voltage	220V - 240V
Operating Temperature Range	5C to 40C
Maximum Cable Length	5 metres
Total Connected Power	305W

\*\*\* Dimensions excluding brackets  
Wiped = pneumatically driven

CONTROLLER FEATURES	Indicators			VFC Outputs		Reset	Remote	Options
	Lamp On	Lamp Fail	Power On	Lamp On	Low UV	Button	Start/Stop	
Model:								
Basic (Lifeline UV 04400B)	Y	Y	N	Y	N	N	N	N
RC (Lifeline UV 04400RC)	Y	Y	Y	Y	N	Y	Y	N
RCM (Lifeline UV 04400RCM)	Y	Y	Y	Y	Y	Y	Y	Y

Lifeline UV are manufactured at an ISO9001 facility. All systems go through stringent quality checks and come supplied with relevant documentation.

Lifeline UV systems are WRAS approved. Our PQ range features units validated by third party testing in accordance with USEPA UV Disinfection Guidance.

Contact your distributor or Lifeline UV sales advisor if you require further information.

