

## UV

### UV-C TECH

In the Blue Lagoon UV-C, a UV-C radiation with a wavelength of 253.7 nm is generated, ensuring a lethal effect on bacteria (including Legionella bacteria). This lamp has been specially developed by Philips and is ideal for water temperatures up to 40 degrees Celsius. The Blue Lagoon UV-C will ensure that your pool or spa water is clean, fresh and clear in an efficient and environmentally friendly manner. The water is fed through the UV-C device via a pump. The UV-C radiation neutralises bacteria, viruses and other primitive organisms and stops them from multiplying. This UV system can reduce the use of chlorine and other chemicals by up to 80% !

### Technical Specification

	UVC TECH 16W	UVC TECH 40W	UVC TECH 75W	UVC TECH 130W
Type	15.000 / 16 W	40.000 / 40 W	75.000 / 75 W	150.000 / 130 W
Max Pool Capacity (L)	15.000 L	40.000 L	75.000 L	150.000 L
Rec. flow for 30 mJ/cm <sup>2</sup>	5 m <sup>3</sup> /h	11 m <sup>3</sup> /h	16 m <sup>3</sup> /h	22 m <sup>3</sup> /h
Max Operating Pressure	2 bar	2 bar	2 bar	2 bar
Diameter	72 mm	72 mm	72 mm	72 mm
Connections	In/Out: 50mm or 63 mm	In/Out: 50mm or 63 mm	In/Out: 50mm or 63 mm	In/Out: 50mm or 63 mm
Material	Stainless Steel 316	Stainless Steel 316	Stainless Steel 316	Stainless Steel 316
Electronic Ballast	230V AC 50/60Hz	230V AC 50/60Hz	230V AC 50/60Hz	230V AC 50/60Hz
Maximum Current	0.29 AMP	0.29 AMP	0.8 AMP	1,1 AMP
Power (Light)	16Watt	40Watt	75Watt	130Watt
Lamp Voltage	49V	94V	97V	70V
Lamp Current	0.39 A	0.43 A	0,80 A	2,10 A
UV-C 100h output	3.9 W	15 W	25 W	50 W
µW/cm <sup>2</sup> at 1 meter	39	144	230	468
Dimensions	L= 56cm	L= 100cm	L= 100cm	L= 100cm



### UV-C TIMER

#### Features

- Timer function that indicates the remaining lifetime of the lamp
- A built-in electronic ballast to ensure a smooth power supply
- Up to 35% more UV-C yield as a result of reflection by the Stainless Steel interior
- 316L stainless steel housing
- Easy to install and easy to maintain

#### Technical Specification

	TIMER UV-C 40W	TIMER UV-C 75W	TIMER UV-C 130W
Type	40.000/40W	75.000/75W	150.000/130W
Rec.flow for 30 mJ/cm <sup>2</sup>	11 m <sup>3</sup> /h	16 m <sup>3</sup> /h	22 m <sup>3</sup> /h
Max.pressure	2 bar	2 bar	2 bar
Max.flow	23 m <sup>3</sup> /h	23 m <sup>3</sup> /h	23 m <sup>3</sup> /h
Diameter unit Ø	70 mm	70 mm	70 mm
Length unit	100 cm	100 cm	100 cm
Diameter in-outlet Ø	63mm / 50mm / 1 1/2"	63mm / 50mm / 1 1/2"	63mm / 50mm / 1 1/2"
Stainless steel	316L	316L	316L
Electronic ballast	230V AC 50/60Hz	230V AC 50/60Hz	230V AC 50/60Hz
Maximum current	0,29A	0,57A	1,1A
Lamp power	40W	75W	130W
Lamp	Philips TUV 36T5 4P-SE(40Watt)	Philips TUV 36T5 HO 4P-SE(75Watt)	Philips TUV 130Watt 4P-SE Amalgam
Lifespan lamp	9.000 h	9.000 h	12.000 h
Timer	✓	✓	✓
Replace lamp alert	✓	✓	✓
Flow switch	-	-	✓

