

## **Sanitary Disinfection** *series*

Our SUV systems are specifically designed to meet the required criteria for use in the pharmaceutical industry. With our unique and minimalist room design, material selection and finish, the SUV system is the optimal solution for disinfection of liquids in the pharmaceutical and food production environment.



## *Characteristics*

- Low RA value (<0,6) of the surfaces of the UV chamber
- Tri-clamp coupling
- Comes with material 3.1 certificates

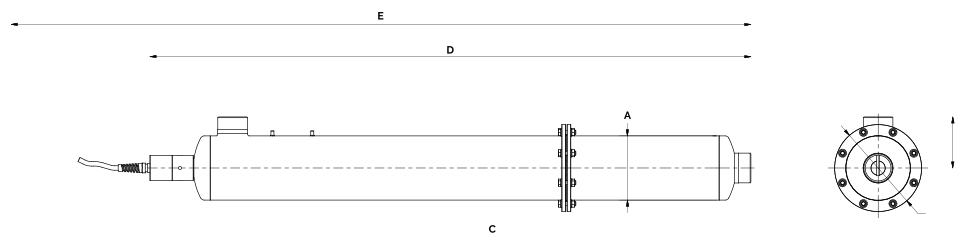
Type	SUV50	SUV60	SUV80	SUV120	SUV205
<b>UV reactor</b>					
Material	316L / 1.4404 Stainless steel				
In-/Outlet Connections	Tri-Clamps, gaskets and plates				
Pressure drop	< 0.1 bar				
Max pressure	10 bar at 25°C				
Contact materials	FDA approved				
RA value	<0,6				
Mounting orientation	Horizontal/ Vertical	Horizontal/ Vertical	Horizontal/ Vertical	Horizontal	Horizontal
Diameter-A (mm)	101,6	101,6	129	129	129
Height-B (mm)	560	560	1044	1044	1344
Installation dimension-C (mm)	128,1	128,1	156,1	156,1	156,1
Length-D (mm)	668,5	668,5	1186	1186	1385
In-/Outlet Tri-Clamp-E (mm)	Ø 33,7 (DN25)		Ø 76,1(DN65)		
Required working space-E (mm)	668,5	668,5	1090	1090	1390
Weight (KG)	5,94	5,94	11,94	11,94	14,3

### UV-C lamp

Lamp type	50 W Regular	60 W Long Life	80 W Regular	120 W Long Life	205 W Long Life
Total UV-C output (Watt)	15	19	27	38	58
Lamp lifespan (hours)	8000	16000	8000	16000	16000
Number of lamps	1	1	1	1	1

### Control unit

Material	Aluminium and ABS				
Dimensions (lxbxh)	320x180x110 mm				
Control features	OK/Running and Failure indicators; lamp hours ; UV intensity				
Options	3/4"UV Intensity Sensor (UVS); Temperature Safety Sensor (TSS); Temperature Sensor Dump Valve (TSD) with Stainless Steel valve; Stainless Steel 316 control unit; Lower RA value				
Operating Voltage	230 VAC, 50/60 Hz				
Protection rating	IP55				
Total power consumption (Watt)	60	70	90	140	230



Capacities in m<sup>3</sup>/h

Type	SUV50	SUV60	SUV80	SUV120	SUV205
Capacity (300 J/m <sup>2</sup> )	6.3	9.3	16.5	21.3	49
Capacity (400 J/m <sup>2</sup> )	4.7	7	12.3	16	36.8

### Sanitary UV models and capacities

