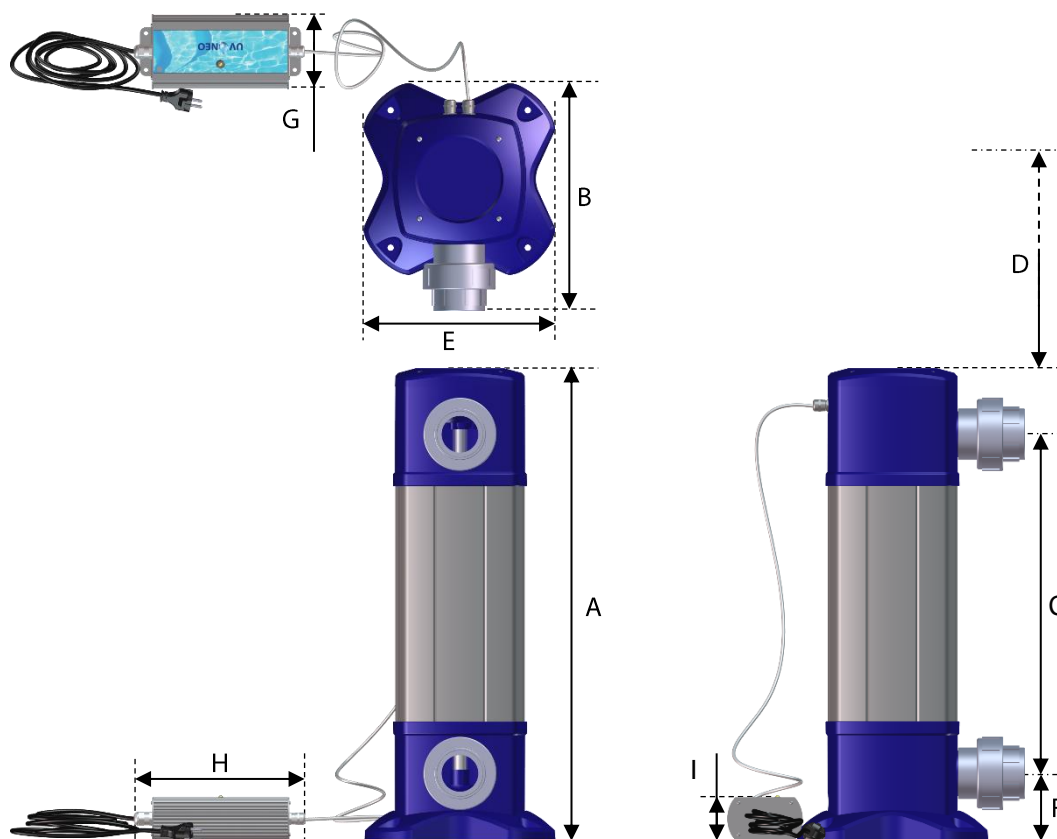


# DATASHEET UV NEO

## A. DIMENSIONS



Non-contractual image

DESCRIPTION	UNIT	UV NEO 12	UV NEO 18	UV NEO 25
<b>Reactor</b>				
A) Full Length	mm	773	1019	1273
B) Depth	mm	371	371	371
C) Fixation spacing	mm	555	801	1055
D) Service spacing	mm	600	850	1100
E) Width	mm	311	311	311
F) Low connection / Floor	mm	113	113	113
Type of connection	-	Solvent weld female fitting	Solvent weld female fitting	Solvent weld female fitting
Connection	-	D75	D75	D75
Position I/O	-	U	U	U
<b>Electrical box</b>				
G) Height	mm	124	124	124
H) Width	mm	280	280	280
I) Depth	mm	74	74	74

## B. GENERAL DESCRIPTION

DESCRIPTION	UNIT	UV NEO 12	UV NEO 18	UV NEO 25
<b>WATER QUALITY</b>				
Max Flow rate for 30 mJ/cm <sup>2</sup>	m <sup>3</sup> /h	12	18	25
UV transmission range	-	98%	98%	98%
Temperature	°C	+20 to +35	+20 to +35	+20 to +35
<b>MODULE</b>				
Material	-	PVC	PVC	PVC
Weight	kg	11	13	16
Drain in high point	-	No	No	No
Drain in low point	-	No	No	No
Max Service Pressure	bar	3	3	3
<b>ELECTRICAL BOX</b>				
Material	-	Aluminium	Aluminium	Aluminium
Cable length between cabinet/reactor	m	3	3	3
Weight	kg	1,5	1,5	1,5
Power supply	V	120-240	120-240	220-240
Frequency	Hz	50/60	50/60	50/60
Nominal amperage	A	0,55-0,28	0,87-0,44	0,57-0,53
Type / gauge of power cable	mm <sup>2</sup>	3G0,75	3G0,75	3G0,75
Power	W	65	102	124
Differential protection	-	No	No	No
Protection	-	Fuse 1A	Fuse 1A	Fuse 1A
Protection index	-	IP54	IP54	IP54
<b>UV LAMPS</b>				
Number of lamps	-	1	1	1
Electrical power per lamp	W	55	87	105
Lamp type	-	High Output	High Output	High Output
UV power per lamp	W	17,5	28	35
Total UV power	W	17,5	28	35
Average life expectancy	h	13000	13000	13000

## C. CONTROLS AND MONITORING

	UV NEO
Lamp indicator	Light indicating that the lamp is working.