



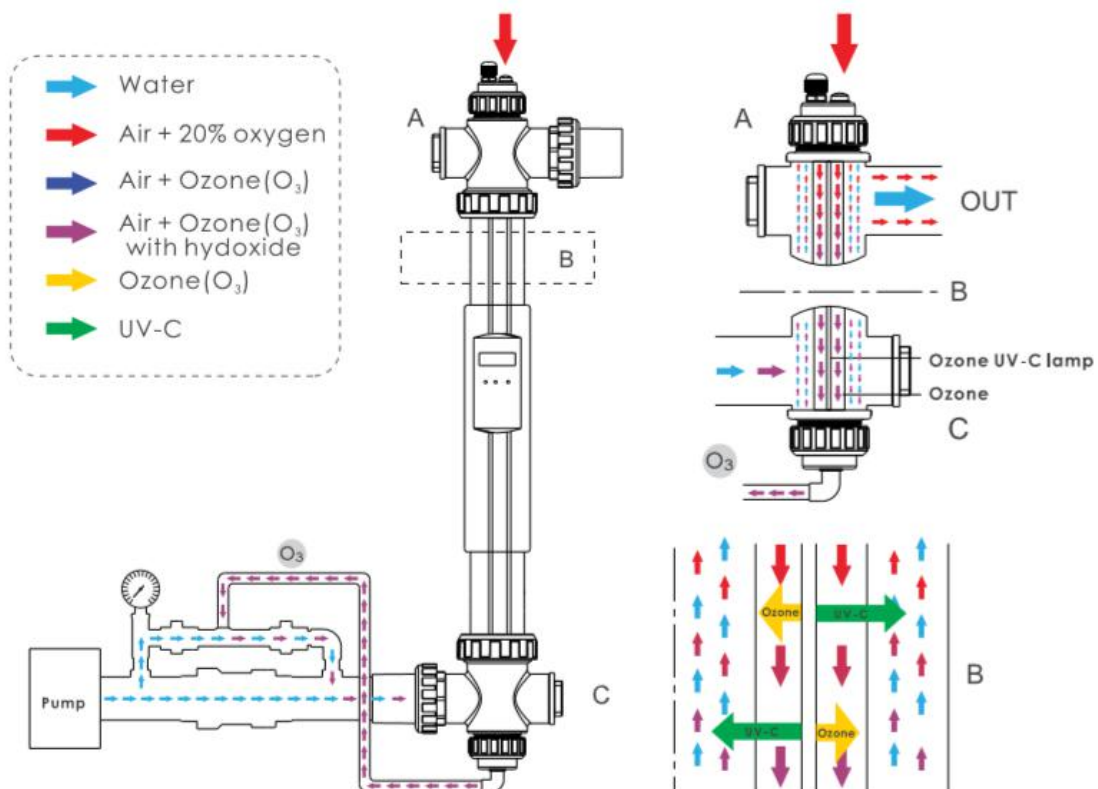
GEMAS POOL UV-C 40 DEVICE



"Pool Technology"

Description

Ultraviolet disinfection systems work with the principle of lethal effects of 220-280 wave length ultraviolet lights on living organisms. This wave-length ultraviolet lights require a specific contact time to kill microorganisms by destroying their cell walls. The UV device is designed to assure this contact time. UV radiation is considered in 4 spectrums: UV-A, UV-B, UV-C and vacuum UV. UV-C spectrum is used for water disinfection with the wave length as specified above.

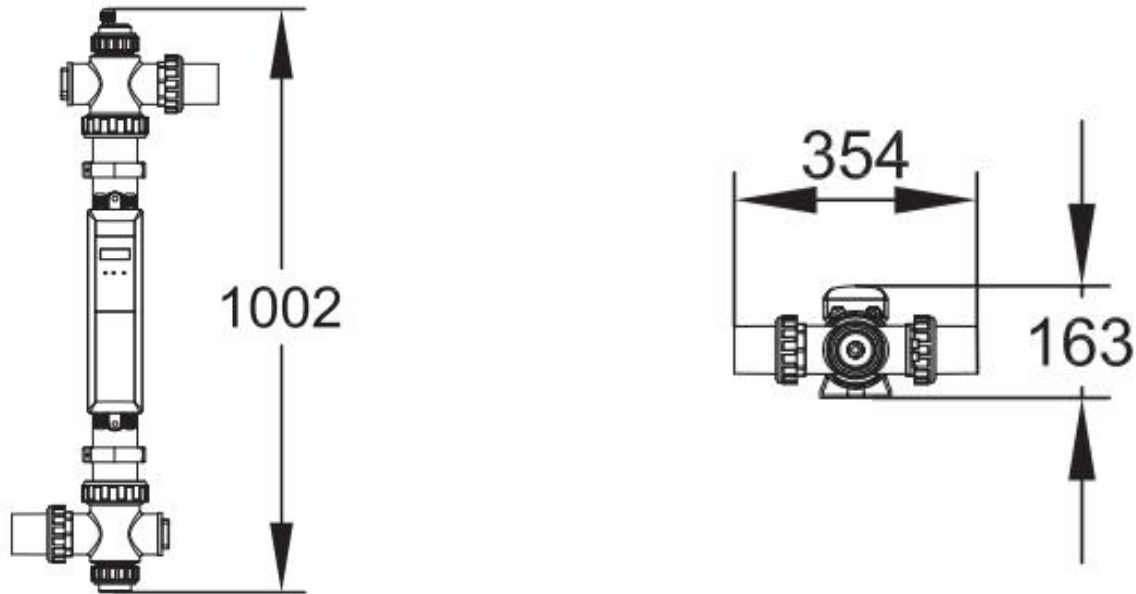


Dimensions



All dimensions are in mm.

"Pool Technology"



Technical Characteristic

Pool Volume (m3)	40
Max. Flow Rate (m3/h)	20
Input Power (W)	40
Maximum Working Pressure (bar)	3
Connection size	1½" / 2"
Performance at recommended flow rate (mJ/cm2)	30
Low Pressure Lamp Lifetime (hours)	9000
Amalgam lamp Lifetime (hours)	12000
IP Protection	IP 54
Maximum Current (A)	0.29
Electric Current (V)	120-240V
Current Type	AC
Frequency (Hz)	50-60