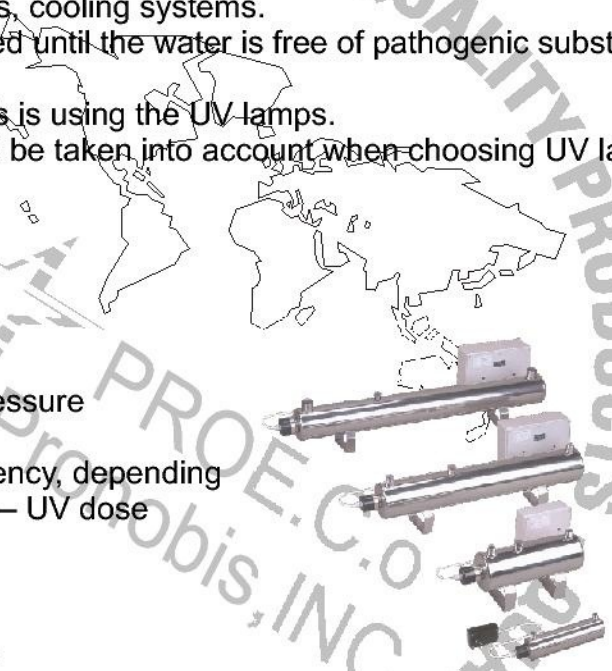
Water Treatment Systems

UV LAMPS' CHARACTERISTICS

Waters that contain bacteria and viruses should be disinfected. It is necessary in the food industry, as well as in breweries, beverage bottling plants, fruit and vegetable processing plants. Disinfection is also essential in swimming pools, health resorts and sanatoriums, cooling systems.
The water should be disinfected until the water is free of pathogenic substances.

One of the most effective ways is using the UV lamps.
The parameters, which should be taken into account when choosing UV lamp:



* flow in m^3/h
* water clarity
* water temperature and pressure
* required disinfection efficiency, depending on the application of the lamp – UV dose
* free space for installation
* permissible pressure drop

We offer the R-CAN branded UV lamps, with efficiencies from 0,12m^3/h up to 22,8 m^3/h

PROEKO WATER TREATMENT FOR HOME AND INDUSTRY
95-050 Konstantynow Lodzki , ul. Srebrzynska 5/7
tel: 42 211 20 64, 42 211 20 19 fax: 42 09 33 03
e-mail: proeko@proekojp.pl www.proekojp.pl

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GUARANTEE WATER QUALITY

UV LAMP MODEL			UV05	UV11	UV18	UV27	UV54	UV91	UV148	UV228
UV LAMP TYPE			S2Q-P	S5Q-P	S8Q-P	S12Q-P	S24Q	S40Q	SUV65	SUV100
BULB TYPE			SS330RL	S463RL	S810RL	S36RL	S36RL	S36RL	S36RL	S36RL
Flow (pretreated water)		[m^3/h]	0,5	1,1	1,8	2,7	5,4	9,1	14,8	22,8
Flow (RO water)		[m^3/h]	0,9	1,3	2,2	3,2	6,5	11,0	18,0	26,1
Electrical connection	Voltage	[V/Hz]	220/50	220/50	220/50	220/50	220/50	220/50	220/50	220/50
	Power	[W]	40	45	55	110	95	190	285	375
	Bulb power	[W]	17	24	36	39	78	156	234	312
Temperature of the surroundings		[°C]	2-40							
Max. working pressure		[bar]	8,6							
Quantity of bulbs [pc.]			1	1	1	1	2	4	6	8
Water drain connection*		[inch]	1,4''	3,8''	3,8''	3,8''	1,2''	1,2''	1,2''	1,2''
Water connection		[inch]	½''	¾''	¾''	1''	1''	1 ½''	2''	2''
Housing		[s.s.]	316	316	316	304	316L	316L	316	316
Weight		[kg]	2,7	3,6	4,5	10,4	11	20	54	55
Dimensions	Length	[cm]	47	56	90	94	94	97	97	97
	Width	[cm]	6,5	6,5	6,5	14	15	23	25	25
	Height	[cm]	6,5	6,5	6,5	20	21,5	30,5	33	33
	Inside diameter	[cm]	6,5	6,5	6,5	9	10,2	10,2	20	20
	Controller**	[cm]	20x20x20	20x20x10	20x20x10	20x20x10	30x30x15	30x30x15	43x43x15	43x43x15

* optional
** estimate dimensions

Membrane type thin-layer, polyamide
min. working pressure 20 psi (0,14 Mpa)
max. linear velocity 400 m/h
working pH range 6,5 to 9,5
max. working temperature 30°C
max. Turbidity 3 mg/dm^3

max. color 5 mgPt/liter
Min. general hardness 400 ppm@300°C
max. general hardness 600 ppm@200C°C
max. alkalinity 8 mval/l
heavy metal contents < 0,01 ppm
iron and manganese contents < 0,05 ppm

The components are TUV and PZH certified, conform to the EU directives

***Due to the fast technology development we reserve the right to change technical data without prior notice**

NSF **TESTED AND CERTIFIED NSF INTERNATIONAL**
ANSI/NSF STANDARD 61 Drinking Water System Components - Health Effects

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