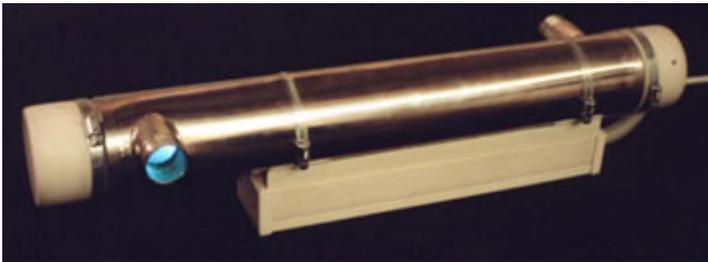


"LAZUR-M" domestic sanitising unit

Lazur type units represent a new generation of devices for water disinfection derived from military technology. They demonstrate the capability to completely destroy pathogenic micro-organisms in water and transform toxic organic compounds into non-toxic neutral substances.



Lazur M-3 Unit

The Units are fitted with vacuum Ultraviolet lamps in the 180-300 nm wavelength range that treats the water through a special material (Suprasil). In special cases, water can be pre-treated in a cavitation chamber, which enhances the unit's effectiveness 100 to 1000 fold. The units are capable of eliminating microbiological contamination of water, completely eliminating pathogens such as bacteria (from an initial concentration of 10^6 per litre), spores (from an initial concentration of 10^6 per litre, and viruses, including poliomyelitis (from an initial concentration of 10^5 per litre. These parameters are substantially better than that of other water treatment units made around the world.

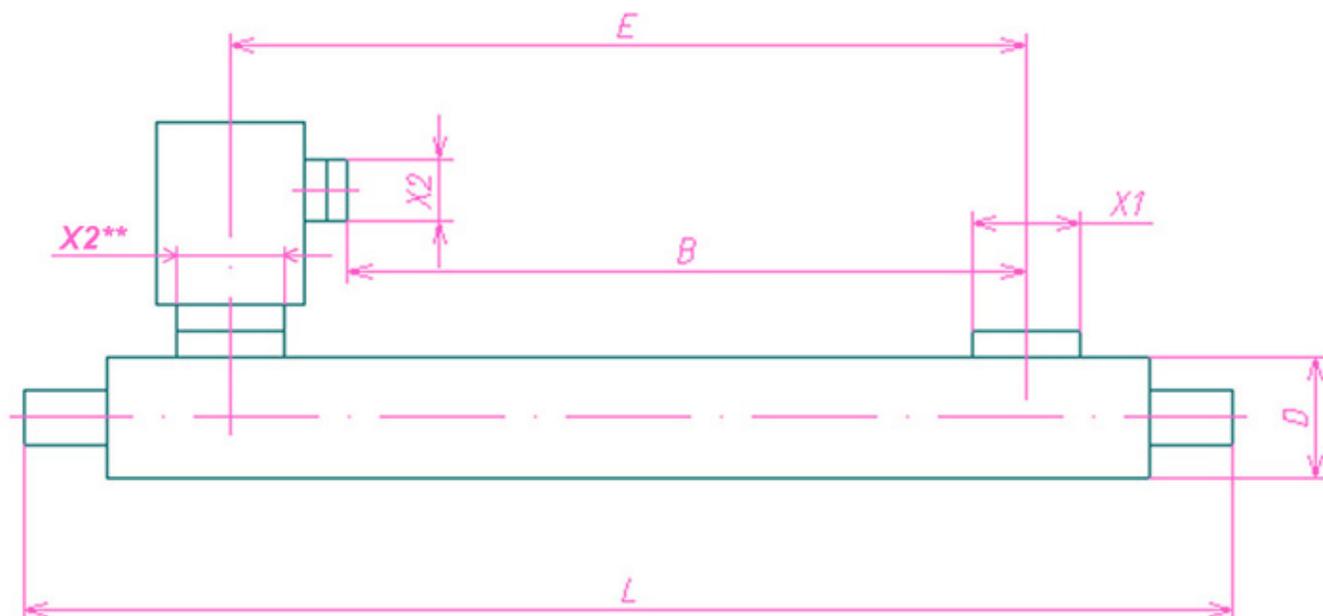
The quality of water treated by the units meets the requirements of best international standards. The use of cavitation chambers allows treatment of water with a high mineral content of without any problems of biological and salt build-up on the transducer surfaces.

The units are manufactured in the following range of sizes (outputs): 500 l/hour, 1000 l/hour, 3000 l/hour, 5000 l/hour, 10000 l/hour, 30000 l/hour and 50000 l/hour. They are user-friendly in operation, small in size, energy efficient (less than 10 W for 1000 l/hour), have a long service life - up to 12,000 hours. The units can operate from either 220 V AC, 50-60 Hz or 12 V DC (solar panels, batteries) and are half the cost of similar units. The units won diplomas and gold medals at international exhibitions.

The units can be used for water treatment at:

- water supply systems for residential areas
- country houses
- agricultural enterprises
- swimming pools and saunas
- beverage plants
- meat and dairy processing

Sizes and Dimensions of the Units



	Dimensions, mm				Threaded Connector Size	
	L	D	E	B	X1	X2
Lazur M-05	370	76	200	-	G 1/2-B;G 1-B	G 1/2-B;G 1-B
Lazur M-1	370	76	200;170	-; 80	G 1-B;G 2-B	(G 1-B)**;G 2-B
Lazur M-3	600	76	380;340	-; 250	G 1-B;G 2-B	(G 1-B)**;G 2-B
Lazur M-5	1100	76/90*	730	-; 610	G 2-B/(G 2,5 -B)*	G 2-B/(G 2,5 -B)*
Lazur M-10	1300	76/90*	1000	-; 910	G 2-B/(G 2,5 -B)*	G 2-B/(G 2,5 -B)*
Lazur M-30	1300;1100	180	1020;820	-	G 2,5 -B;Dy=100	G 2,5 -B;Dy=100
Lazur M-50	1300;1100	220	1020;820	-	Dy=100	Dy=100
Лазурь M-100	1700	250	1400	-	Dy=150	Dy=150
Лазурь M-250	1700	360	1400	-	Dy=250	Dy=250
Лазурь M-500	1700x2	360	-	-	Dy=250	Dy=250

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