



IDEAL FOR

# UV Sterilizers

The UV systems made in AISI 304 stainless steel (or AISI 316 if required) with high intensity low voltage UV lamp can eliminate 99.9% of bacteria and viruses from the fresh water.

Suitable for high rates exigencies, they are usually installed after the pressure tank and can be supplied with a prefiltration system to obtain a better efficiency of the UV radiations.

TC-8000



TC-2500 + PREFILTER



TC-2500



TC-5000



## Technical Data

Model	Litres/min	Litres/hour	Absorbption (Watt)	Power supply (Voltage / frequency)	In/Out (inch)	Dimensions (mm) -L x W x H-	Weight (kg)
<b>SERIE TC SYSTEM INOX (Max pressure: 8 bar)</b>							
TC-2500	42	2,500	90	230 V AC / 50 Hz*	1"	130 x 160 x h 950	9
TC-5000	84	5,000	200	230 V AC / 50 Hz*	"	240 x 190 x h 950	16
TC-8000	134	8,000	200	230 V AC / 50 Hz*	1 1/2"	380 x 160 x h 1070	17
TC-9000	150	9,000	250	230 V AC / 50 Hz*	DN 40	UV: Ø 220 x h 1100 box: 400 x 220 x h 600	50
TC-13000	217	13,000	500	230 V AC / 50 Hz*	DN 50	UV: Ø 220 x h 1100 box: 400 x 220 x h 600	50

\*other voltages and frequencies available on demand

# Dosing Systems

## AUTO-PROPORTIONAL DOSING PUMP

Programmable membrane dosing pump, microprocessor controlled for dosing of chlorine and silver ions in manual mode / proportional injection multiplier (1xn) / proportional injection multiplier with memory (1xn-M) / proportional injection divisor (1:n).

Easy connection to an injection counter and to a float gauge (optional)\*.

## INJECTION COUNTER

The injection counter adjusts the dosage of chlorine depending on the flow rate. The float gauge shuts the pump for lack of chlorine.

IN/OUT: diameter 1/2" - 3/4" - 1" - 1" 1/4 - 1 1/2" - 2". High flow fittings on demand.

## DOSING SYSTEM

Complete with polyethylene tank, dosing pump and level probe to stop the dosing pump in case of lacking chemical.



COMPACT DOSING SYSTEM



DOSING PUMP



LITRES COUNTER



DOSING SYSTEM

### COMPACT DOSING SYSTEM

Max flow (litres per hour)	2
Max flow (litres per day)	48
Working pressure (bar)	10
Power supply (Volt / Hz)	230 V AC - 50 Hz*
Dimensions (mm) -L x W x H-	360 x 300 x 420

\*other voltages and frequencies available on demand



# UV Anti-Bacteria Systems

The Tecnicomar U.V. anti-bacteria systems can eliminate 99% bacteria and viruses from the fresh water and get bacteria free water without adding chemicals like chlorine.

The UV anti-bacteria systems are equipped with a sediment prefilter to increase efficiency of the UV rays, and an activated carbon filter to remove bad smell and taste from the water. Can be installed on the produced fresh water outlet of the watermaker or after the pressure tank on the water distribution pipeline.

The lifetime high intensity anti-bacteria UV lamp is estimated in 9,000 hours of continuous service.



UVBB-2/SD



UVBI-CBC



UVB2-SD/CBC



UV20-SD/RFC

DOUBLE UVBB-2/SD

FILTER CARTRIDGES MADE IN USA



## Technical Data

Model	Litres/min.	Litres/hour	Filtration type	Absorption (Watt)	Power supply (Voltage / Frequency)	In/Out (inch)	Dimensions (mm) -L x W x H-
<b>SERIE UV (4 l/min. - max. pressure 4 bar)</b>							
UV1-CBC	4	240	activated carbon 0.5 µm	10 W	230 Volt AC / 50 Hz*	½"	120 x 120 x 400
UV2-SD/CBC	4	240	PP 5 µm + activated carbon 0.5 µm	10 W	230 Volt AC / 50 Hz*	½"	240 x 120 x 400
<b>SERIE B (8 l/min. - max. pressure 4 bar)</b>							
UVBI-CBC	8	450	activated carbon 0.5 µm	10 W	230 Volt AC / 50 Hz*	¾"	130 x 140 x 400
UVB2-SD/CBC	8	450	PP 5 µm + activated carbon 0.5 µm	10 W	230 Volt AC / 50 Hz*	¾"	270 x 140 x 400
<b>SERIE 20 (30-38 l/min. - max. pressure 4 bar)</b>							
UV20-2/SD/RFC	38	2,280	activated carbon 5 µm	18 W	230 Volt AC / 50 Hz*	¾"	270 x 160 x 630
UV20-3/SD/RFC	38	2,280	PP 5 µm + activated carbon 0.5 µm	18 W	230 Volt AC / 50 Hz*	¾"	420 x 160 x 630
<b>SERIE BIG BLUE (57-240 l/min. - max. pressure 6 bar)</b>							
UVBB-2/SD/EPM	57	3,420	PP 50/5 µm + activated carbon 0.5 µm	18 W	230 Volt AC / 50 Hz*	1 ½"	600 x 220 x 740
UVBB-2/SD DOUBLE	57+57	6,840	PP 50/5 µm + activated carbon 0.5 µm	18 W	230 Volt AC / 50 Hz*	1 ½"	740 x 480 x 750

\*other voltages and frequencies available on demand