

# Injector nozzles

Nozzles are used together with ozone injectors in the employment of ozone in water systems. They increase the pressure of the injector, leading to a more thorough mix of water and ozone, meaning an increase in effectiveness throughout the whole system.



## Technical specifications

Nozzle model number								
Differential pressure* [Bar]	12	13	14	22	25	35	45	60
Water flow (l/m)								
5	5.9	11.3	16.7	35	54	113	216	561
10	8.3	16	23.6	50	76	159	306	793
15	10.2	19.6	28.9	61	93	195	374	972
20	11.8	22.6	33.4	70	108	225	432	1,122
25	13.2	25.3	37.3	78	120	252	483	1,255
30	14.4	27.7	40.9	86	132	276	529	1,374
35	15.6	30	44.1	93	142	298	572	1,484
40	16.6	32	47.2	99	152	319	611	1,587
45	17.7	34	50	105	161	338	648	1,683
50	18.6	35.8	52.7	111	170	357	683	1,774

\* Differential pressure is the difference between the inlet and outlet pressures.

## Advantages

- Superior hydraulic mixing; six to one ratio
- Operates in any liquid depth
- Significant savings in energy costs
- Long life due to strong, smooth flow, PVDF construction
- Compact design resists problems of solids buildup