

# Antimicrobial Efficacy in Circulatory Systems

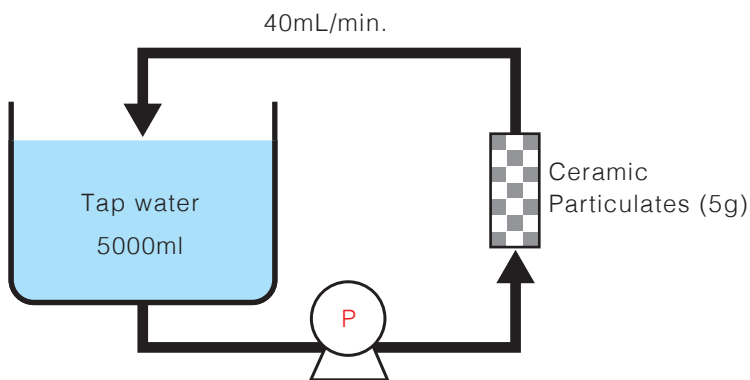
Installing a water-treatment Zeomic column into the pipe system, can prevent the putrefaction of the water for long periods in such circulatory systems as fountains or baths, etc.

## Test Method

Sample : Ceramic particulates  
 Additive Volume : 5g  
 Test fluid volume : 5000ml (tap water)  
 Circulation : 40mL/min., 8 hr/day



Ceramic particulates



## Test Results

	Target	Additive volume	Days of Operation			
			Day 1	Day 3	Day10	Day 16
<i>Legionella bacteria</i>	Sample	3g/500ml	<10	<10	<10	<10
	Control	—	<10	1.1E7	1.3E6	3.9E6 Generation of biofilm(s)

In the chart, E signifies the indices. (Example: 1.0E5 = 1.0 x 10<sup>5</sup>)

In the chart, <10 signifies a non-detectable amount.

Condition of the water after testing (After 30 days)



Ceramic particulates



Blank

With relatively clean water, such algae effects such as this can be expected.