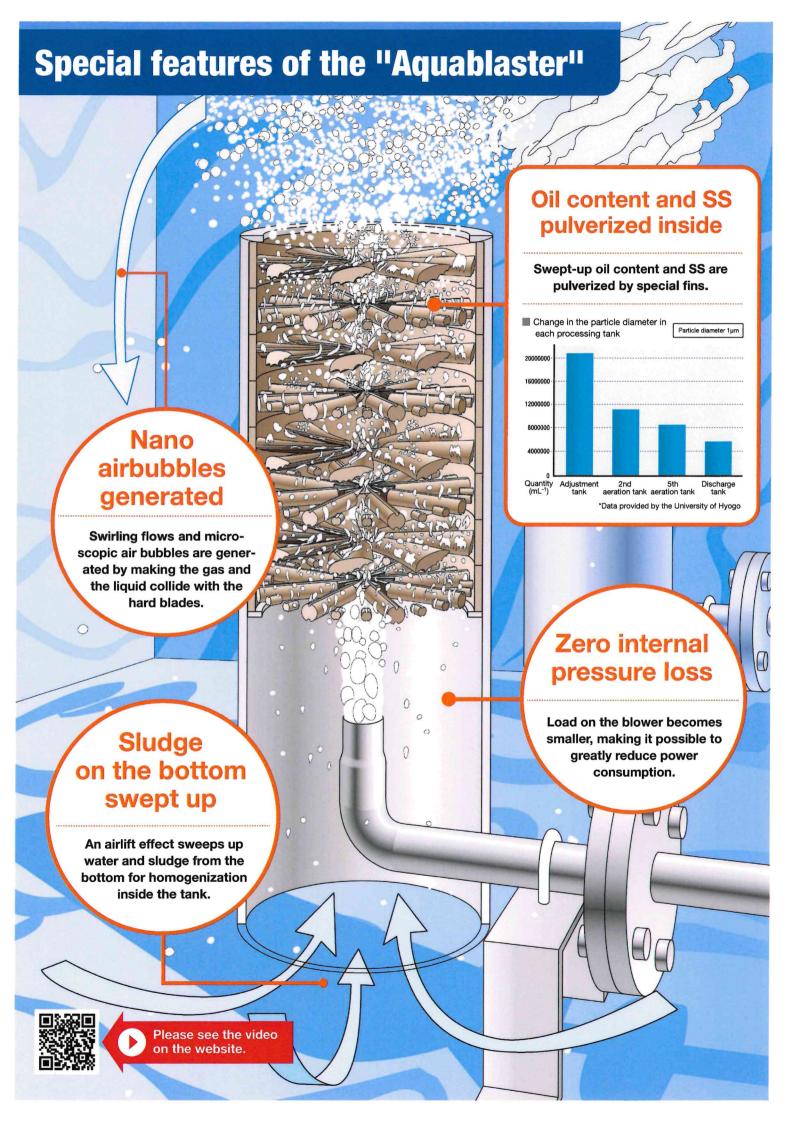
## **Greatly reduced wastewater treatment costs**







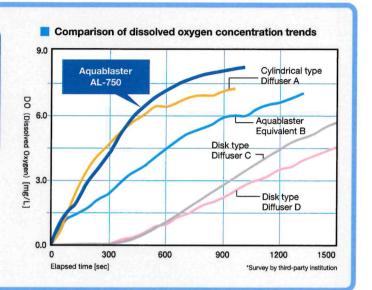


# Aquablaster makes a difference compared to other diffusion pipes! Six features of Aquablaster

# Outstanding oxygen dissolution power

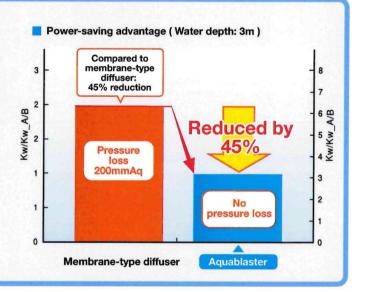
Even compared to products of other manufacturers in this category, the top level of oxygen dissolution power is promised.

\*Levels of oxygen dissolution efficiency that have been open to the public cannot be used as indicators in comparison because of the lack of definite measurement criteria.



# Reduced cost of electricity

Compared to membrane type diffusers, since there is no pressure loss, an energy-saving effect that reduces power consumption is produced.



# Reduced sludge output

Sludge output is reduced because SS and oil content are pulverized into particles small enough for microorganisms to eat easily.

\*Pulverization of sludge is prevented by adjusting the air volume.



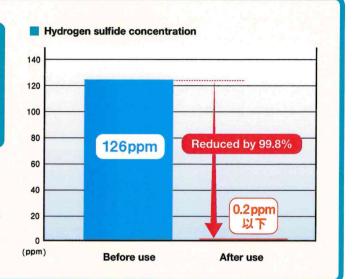


4

## Guarantee of zero odor generation

Microorganisms are made to perform full aerobic respiration metabolism so that no odor such as hydrogen sulfide is generated.

\*Limited to the installations designed by Aience.

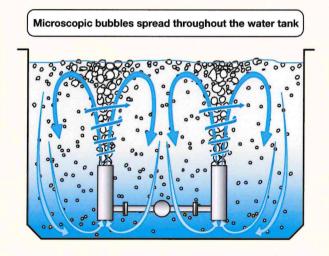


6

## Powerful stirring inside a tank

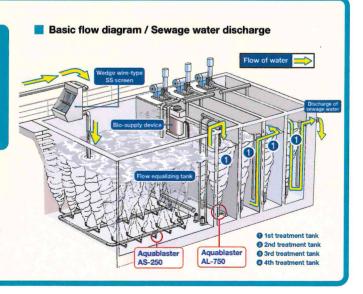
Sludge on the bottom is swept up and its accumulation is prevented to eliminate anaerobic areas.

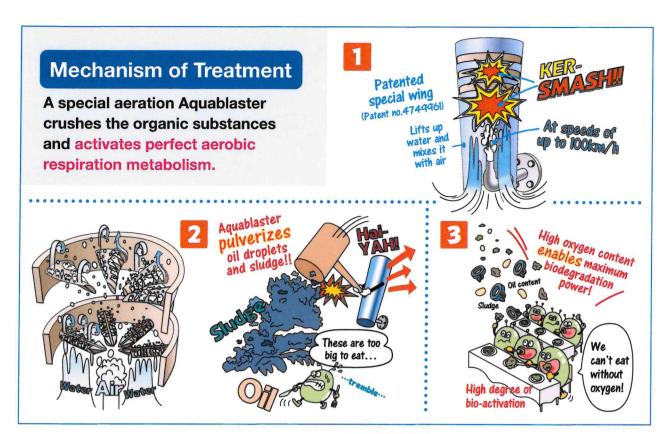
Such a substance as silica and calcium is also prevented from settling.

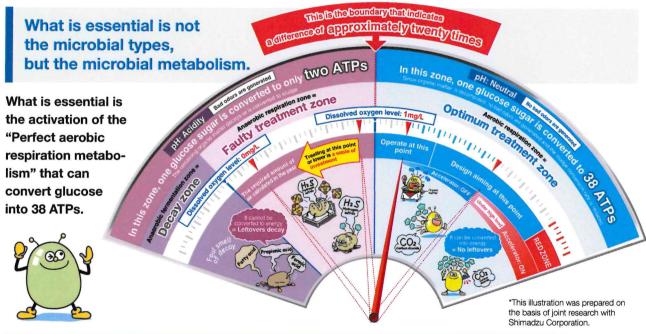


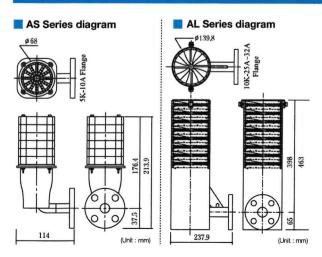
AIS, which realizes pressurized flotation unit elimination and sewage discharge without activated sludge

If a tank in which pre-processing can be performed by Aquablaster is available, it is also possible to eliminate pressurized flotation.







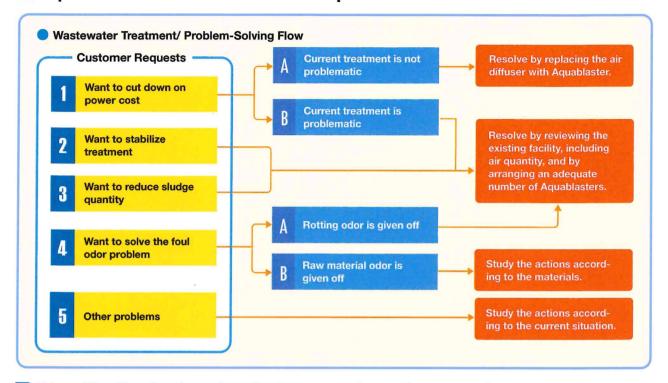


#### Specification table

Product name	Part number	Applied air volume	Size	Connecting part
Aqua blaster	AS-250	175~275L/min	W114×H213.9	5K-10AFlange
	AL-750	600~900L/min	W237.9×463	10K-25AFlange
	AL-1100	900~1300 L/min	W237.9×463	10K-25AFlange
	AL-1500	1300~1700L/min	W237.9×463	10K-32AFlange

\*Air volume can be adjusted or unit produced to custom specifications. Do not hesitate to consult Aiencel

#### Aquablaster will solve the various problems of wastewater treatment!



### We will offer further detailed suggestions if we receive your information on current situations.

Validation items					
Degree of necessity	Information to be prepared	Suggestion details			
YES	Tank Size ( L x W x Water Level )	Submission of a preliminary layout plan and an approximate estimation			
MAYBE	Current treated water quantity	Review of the current treatment airflow			
MAYBE	Drawings of tanks	Preparation of a precise layout plan drawing			
MAYBE	Current water quality	Reference case examples of layout plan			
MAYBE	Treatment flow diagram	Suggestions on sludge/chemicals reduction, etc.			
MAYBE	Other specification documents, etc.	Validation of details			
MAYBE	Current treatment cost	Estimation of cost-benefit performance			





#### Lend a demonstration machine.

Only to prepare 90L of wastewater and a 100V power source.

Validation items	Raw	12 hr.	24 hr.	36 hr.	48 hr.
	water	treatment	treatment	treatment	treatment
Degree of necessity	YES	MAYBE	YES	MAYBE	YES

<sup>\*</sup>Five fundamental measuring items: BOD, COD, SS, n-hex and PH

Manufacturer



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