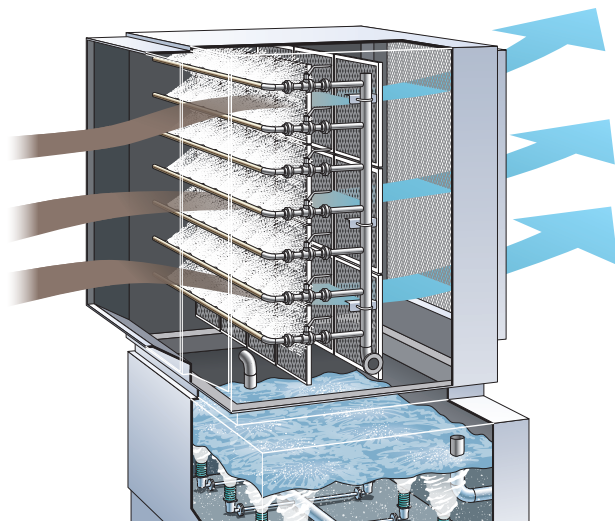


Bio Dust Collection System

# Dustfall

■ Circulating wet-type dust collection equipment [Dustfall]

Reliable dust collection  
with water film like a waterfall



equipment that  
**eliminates  
dust problems**

Wet-type dust collection

Year 2005  
**NBK Award**  
Dustfall was awarded  
the environment  
and amenity prize.



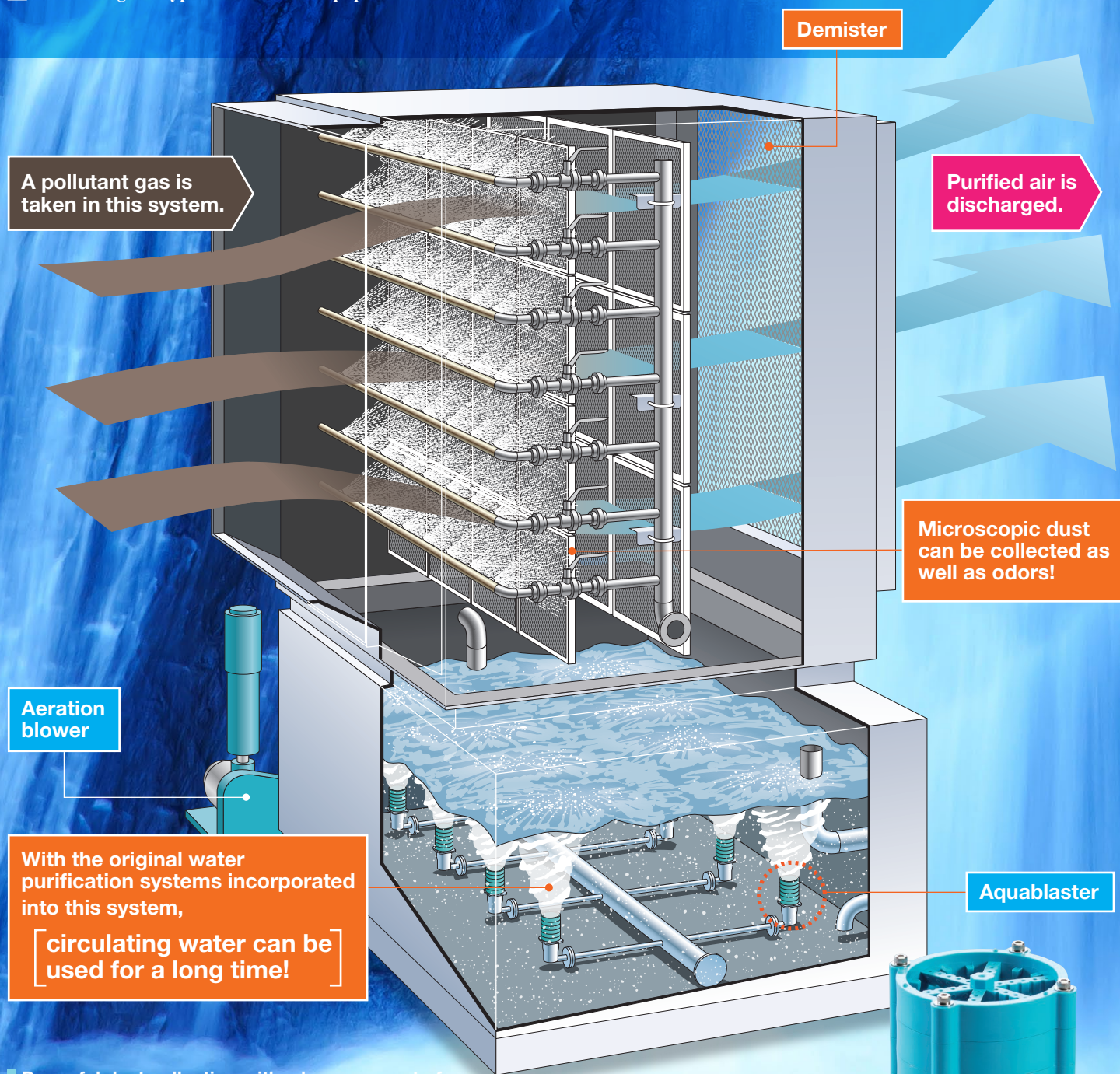
 **AIENCE**  
Changing Water Treatment Worldwide

<https://www.aience.co.jp>

# Dustfall

■ Circulating wet-type dust collection equipment [Dustfall]

Reliable dust collection with water film like a waterfall. Circulating water purification devices are incorporated into this system.



Powerful dust collection with a large amount of water like a waterfall and a special screen!



## Aquablaster prevents circulating water putrefaction!

The built-in Aquablaster prevents water putrefaction and minimizes sludge generation. It also enables long-term use of circulating water.

\*It depends on the types of dust and the concentration.



## Dustfall, the next-generation dust collection equipment that eliminates dust and odor problems in factories

### Principle and mechanism of Dustfall

- It is a wet-type dust collection equipment that forms a waterfilm like a waterfall with a large amount of water of 100 to 180 L / min per square meter.
- It pumps water from the tank equipped with circulating water purification function.

Aquablaster makes a difference compared to other dust collection equipment!

#### 4 features of Dustfall

1

**A water curtain collects microscopic dust.**

This system creates a cascade-like water curtain to collect fine particles.

2

**Circulating water purification devices are incorporated into this system.**

Aquablaster, the circulating water purification system, will purify circulating water and will extend the water's life span.

3

**This system is capable of treating a high volume of air.**

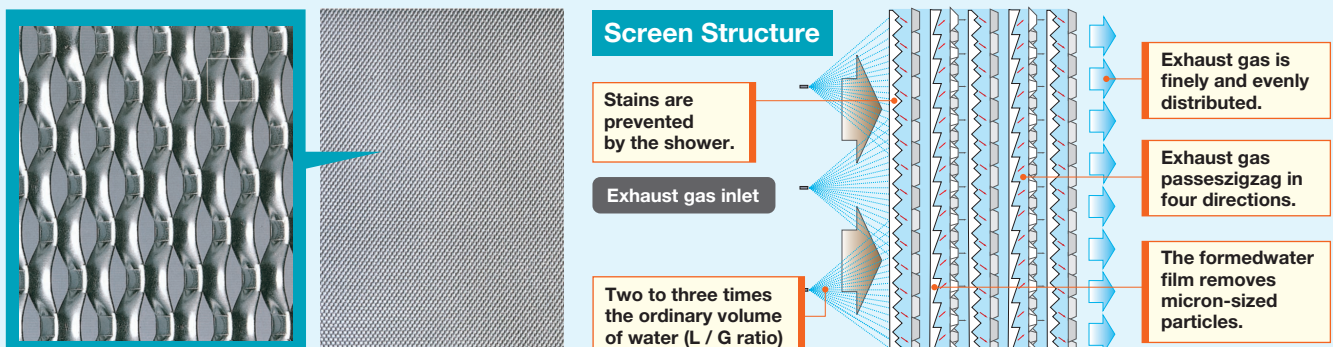
This system can treat a pollutant gas up to 2.5 m/s. Despite its small dimensions, it has high capacity.

4

**Dust collection system**  
(\*optional)

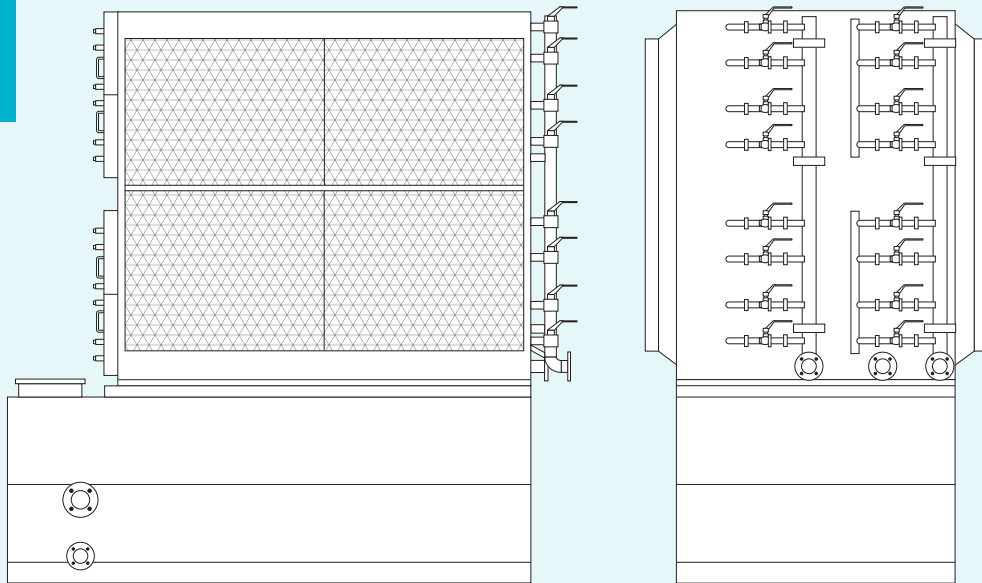
We propose an optimal dust collection system depending on the types of dust to be collected.

**Epoch-making special layered stainless-steel screen standardly mounted in Dustfall**



## Detailed View

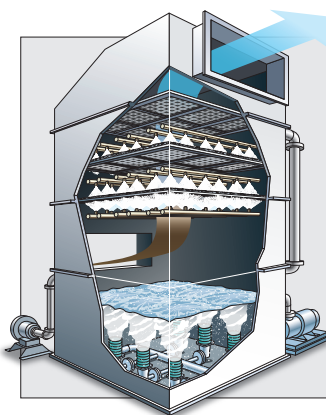
DF-20W



## Specification for Dustfall

\* The design is subject to change without notice.

Model	DF-6W		DF-12W		DF-16W		DF-20W	
Treatment Capacity (m³/min)	100~200		200~400		300~500		400~600	
Pressure Loss	In normal operation 200pa~400pa							
Tank Capacity (L)	2000L		2500L		2500L		3000L	
Frequency	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz
Pump Output (kw)	3.7kw		5.5kw		5.5kw		7.5kw	
Blower Output (kw)	1.7kw	2.2kw	1.7kw	2.2kw	1.7kw	2.2kw	3.0kw	2.2kw
Width (mm)	1700(Maximum1900)		1700(Maximum1900)		1700(Maximum1900)		1700(Maximum1900)	
Depth(mm)	2200		2700		2700		3200	
Height(mm)	2300(Maximum2400)		2800(Maximum2900)		3500(Maximum3600)		3500(Maximum3600)	



[Dust and odor can be eliminated thoroughly by a water curtain.]  
Scrubber with a circulating water purification function

**Deoriser**

We have a track record of delivery for handling odor problems at various factories, such as chemical plants, garbage disposal sites, and paint plants.



■ Casting flue gas treatment



■ VOC gas treatment



■ Chemical plant effluent gas treatment



■ Casting flue gas treatment

## Sales agent




**Aience Inc.**

<https://www.aience.co.jp>

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## Inquiries / Requests



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