



OFFICE BUILDING

PRO™ Pilot Test

IRIS Oroshimachi Building

- 1 Floor Completed as Pilot Test
- 8 PlasmaGuard PRO™ Units



Test Summary

1

On March 31st 2022 PlasmaGuard engineers installed 8 PRO™ units throughout a single floor of the IRIS Oroshimachi Building.

2

Units were turned on and commissioned April 1st

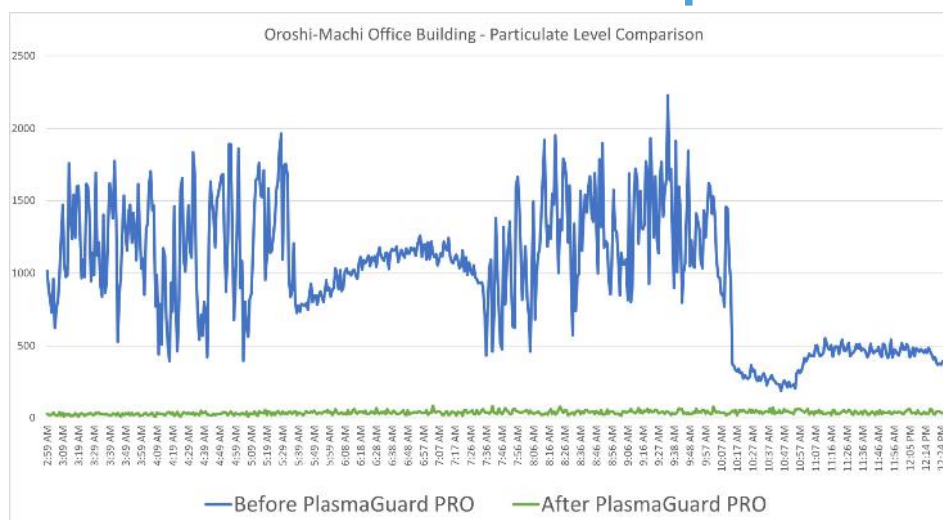
3

Within the first 24 hours of running, the particulate matter count dropped 96% and maintained an average of 100 PPM.

96% AVG. IN AIR
PARTICULATE REDUCTION

99.9% EST
VIRAL / BACTERIAL PATHOGEN REDUCTION (once entire building is complete)

Particulate Matter Drop





SCHOOL

PROTM Case Study

Yotsuba Nursery School

- 1 PlasmaGuard PROTM Unit
- Portable Equipment Design Used
- 756m Area



Test Summary

1

A single PlasmaGuard PROTM unit was installed and commissioned using a portable design in the Nursery Hall (approximately 756m).

2

A wipe-off inspection was performed before and after the installation and the amount of bacteria was measured in a real world environment.

3

After the installation of the PROTM unit, it was confirmed the bacteria/fungus measurements decreased by an average of 97.3%.

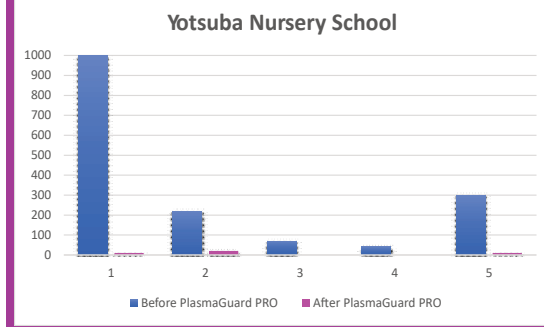


97.3% AVG. IN AIR
PARTICULATE REDUCTION

99.9% EST
VIRAL / BACTERIAL PATHOGEN
REDUCTION (once entire building is complete)

Data Collection

Test Number	Before	After	Suppression Rate %
	Colony Count cfu/10ml	Colony Count cfu/10ml	
1	1000	10	99.00%
2	220	20	90.90%
3	70	0	100%
4	40	0	100%
5	300	10	96.70%



Before:



After:

