

Confidence in Plasmacluster’s effectiveness verified by a third-party organization.
Creating an office environment for safe, face-to-face communication.



Customer

Kengo Kuma & Associates

- Minato-ku, Tokyo (head office)
- Established in 1990. Led by world-renowned architect Kengo Kuma. With offices in Tokyo, Paris, Beijing, and Shanghai, Kengo Kuma & Associates undertakes projects throughout the world.
- Aoyama Tower Building (property presented here)/Minato-ku, Tokyo



Implemented product

Floor-fixed Plasmacluster Humidified Air Purifier KI-M851×12 units

Centralized management system

- Installed on a floor in the Aoyama Tower Building used by Kengo Kuma & Associates in August 2022. Installed in individual meeting booths and other areas. Controlled and monitored by a centralized management system.

This is what we realized.

Challenges before implementation

We use the top floor of the Aoyama Tower Building as a meeting floor. We studied installing air purifiers to ensure peace of mind in face-to-face communication even as the effects of Novel viruses spread. We considered reliability based on objective data, the most important factor when selecting equipment.

Plasmacluster’s effectiveness has undergone various verifications by a third-party organization, allowing us to install it without reservation.

We achieved highly effective and optimal installation through installation simulations based on the floor plan.

We’re satisfied with the office-friendly and low-noise design and wireless LAN-compatible centralized management system.



Kengo Kuma & Associates

Taichi Kuma
Director and Partner

Junichiro Hirata
Business Development Director

Reasons for selection

Reliability founded on various verifications by a third-party organization.
Helpful proposals based on installation simulations.

When we were comparing the air purifiers of different manufacturers, we found that Sharp’s Plasmacluster offered the most complete evidence with respect to performance. In particular, years of data from verifications conducted by a professional third-party organization gave us a sense of trustworthiness. We were also given visualizations of installation effects and suggestions on the types and numbers of devices that were prepared from installation simulations based on actual office plans. These were of great service to us and led to our decision to go with Plasmacluster.

Effect after implementation

Satisfaction with the office-friendly design and low noise.
Central operation with a centralized management system.

We installed twelve Plasmacluster humidified air purifiers in meeting spaces and other areas that give visiting clients and staff members a feeling of security. We are delighted with the devices’ design and color, which fit nicely with our office, and their low-noise design that does not interfere with meetings. In addition, the devices are IoT-compatible and connect to a centralized management system via wireless LAN. This helps us control multiple units in a centralized manner, as it allows us to remotely operate all installed units and collectively monitor their operating status and maintenance conditions.

Future prospects

Air quality is becoming increasingly important in the world of architecture.
We intend to continue using Plasmacluster.

As in other fields, architecture is seeing increasing demand for air quality-oriented approaches. In light of this, we feel Plasmacluster largely aligns with our concepts and way of thinking. We intend to use our recent installation as a springboard for continuing use of Plasmacluster in other projects.

Background of implementation

Ensuring communication with peace of mind in visitor spaces used by various people.

The 16th floor at the top of the Aoyama Tower Building offers a superb view. Taking advantage of this, we created a dedicated visitors’ space for meetings with clients there. Since the space is used by various people, including visitors from overseas, we sought to create an environment that would ensure peace of mind in face-to-face communication even as the effects of Novel viruses spread. We decided to study the installation of air purifiers to achieve this.



Bringing peace of mind to visiting clients and staff



Low noise with pleasing design and color



The centralized management system makes it possible to control and check the status of all installed units.