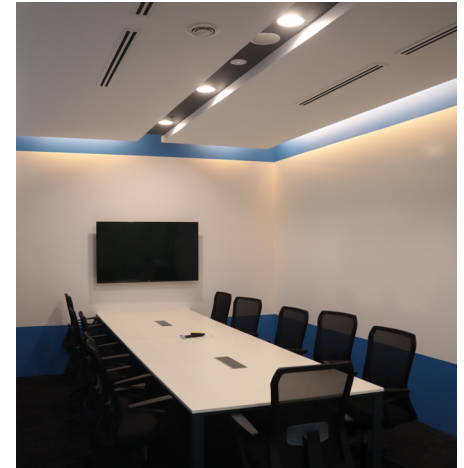


A safer working and learning space with nanoe™ X technology



PKT Logistics Group & Peninsula College

Location:
Shah Alam & Penang, Malaysia

Client:
PKT Logistics Group Sdn Bhd

Application:



Office



Education
Centre

PKT Logistics Group Sdn Bhd (PKT Logistics), is a leading logistics solutions provider and owner of Peninsula College in Malaysia. The company wanted to provide a safer and healthier environment for its office employees and students in campuses. Hence, Panasonic air-e nanoe™ X generators equipped with Panasonic's nanoe™ X technology were installed in all of their premises.

Challenge: Keeping Indoor Air Safe in the New Normal

The quality of the air we breathe plays a vital role in ensuring good health. This is especially relevant in confined spaces like offices and classrooms. Many viruses (including COVID-19) and bacteria are more prone to airborne transmission, via particles and droplets. Hence, having clean and fresh indoor air becomes a critical priority.

With this in view, PKT Logistics has assumed the highest degree of employer responsibility to safeguard the well-being of its employees, students and visitors.

Solutions & Technology Applied

PKT Logistics found a sustainable solution in Panasonic's patented nano^e™ X air purification technology. 400 units of air-e ceiling mounted nano^e™ X generators were installed in all its premises including nine logistics offices, three campuses, warehouses, and rented premises for third party suppliers.

Panasonic nano^e™ X technology offers the benefits of hydroxyl radicals (also known as OH radicals) contained in water and has the ability to inhibit bacteria, viruses, and other pollutants as well as deodorise odours. The nano-sized particles of nano^e™ X allow for deep penetration into soft furnishings like fabric, sofas, and carpets. nano^e™ technology is proven to effectively inhibit more than 99%* of novel coronavirus.



air-e nano^e™ X generator provides clean air in the pantry.



air-e nano^e™ X generator installed in one of the washrooms.



air-e nano^e™ X generator in one of the PKT offices' in-house gym.



Neat installation of air-e nano^e™ X generator.

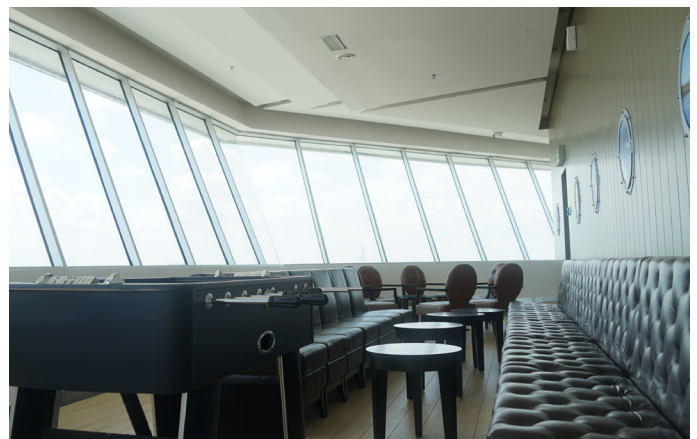
"Employees are the backbone of our company. Therefore, it is our responsibility to provide a safe and healthy working environment for them. Good indoor air quality (IAQ) means less sickness among staff, higher productivity, and better focus. Clients who visit our offices will also feel more comfortable," PKT Logistics Group Chief Executive and Managing Director Dato' Seri Dr. Michael Tio says.

nano^e™ X technology is easy to maintain and covers a wider range. Our office space is huge, so minimal maintenance saves us a lot of manpower,

Tio says.



air-e nano^e™ X generator provides 24-hour purified air.



air-e nano^e™ X generator installed in the lounge area.

* Based on Panasonic verification test in collaboration with the Japan Textile Products Quality and Technology Center (QTEC), the virus titers of novel coronavirus (SARS-CoV-2) and its four variants (Alpha, Beta, Gamma, and Delta) were compared in a 45-liter test space with and without exposure to nano^e™. As a result, the test confirmed an inhibitory effect of more than 99% on all five types of viruses after two hours of exposure. Note that the verification results are based on the test in a closed test environment and not in a space actually in use.

Additionally, air-e nanoe™ X generators were also installed across campuses owned by the Group, namely the Lighthouse Campus and the City Campus in the Klang Valley, as well as the Ship Campus in Batu Kawan, Penang.



air-e nanoe™ X generator installed in a campus' cafeteria.



air-e nanoe™ X generator installed in a meeting space.



air-e nanoe™ X generator installed in one of the classrooms.



air-e nanoe™ X generator installed in one of the computer lab.



air-e nanoe™ X generator installed in a campus' gym facility.

Products Installed



air-e nanoe™ X generator (400 units)