Panasonic

Case Study

Pleasant work space with nanoe™ X technology

Radium Office

Location:
Kuala Lumpur, Malaysia

Client:
Radium Development Berhad

Application:

Office

Gallery

Radium Development Berhad is a property developer focusing on the development of high-rise residential properties in urban Kuala Lumpur, Malaysia. Its projects comprises of condominiums and serviced apartments. They aim to provide a comfortable and healthy working environment for their employees at their new office in Taman Melati Utama, Kuala Lumpur.

Challenge: Remove Unpleasant Fumes in Newly Renovated Office

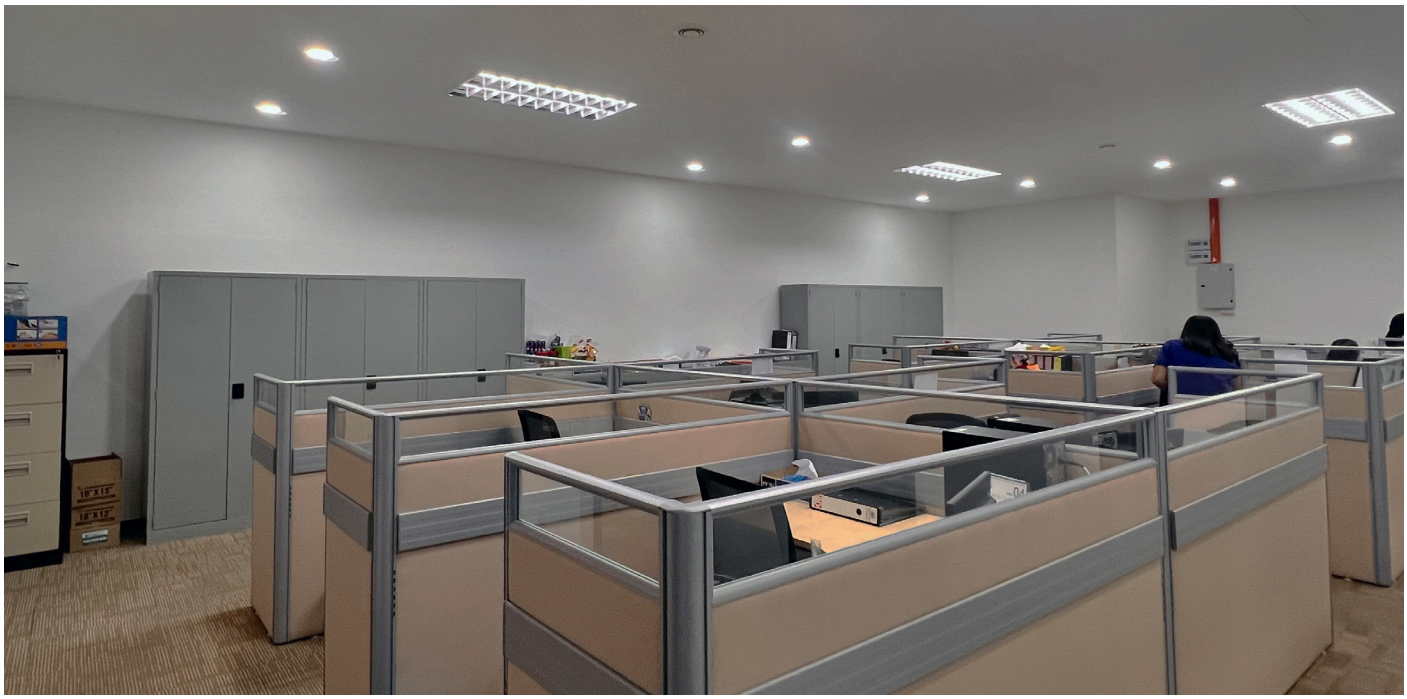
Unpleasant chemical odour caused by volatile organic compounds (VOCs) are common with new furniture or in newly painted spaces. This compound is often used as an industrial solvent for products like paint, office equipments, building materials, and furnishings. These harmful VOCs can stay in the air for extended periods of time. With this in view, Radium wants to remove the smell effectively, so that its employees can work comfortably in the newly renovated office.

Indoor air quality has become a top concern for many as the company continues to operate in the new normal post-COVID. Therefore, Radium wants to address employees' concerns to facilitate a safe return to work and implement measures to improve indoor air quality.

Solutions & Technology Applied

Radium has decided to implement Panasonic's patented air purification technology, nanoe™ X technology in its premise to address the challenges it faced to improve indoor air quality. They have installed 25 units of Panasonic air-e ceiling mounted nanoe™ X generators.

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



Neat installation of air-e nanoe™ X generator.

With the added protection by Panasonic nanoe™ X technology, employees can now return to their workplace to work productively without concerns about contracting the virus in a shared working space. The work space is also free from unpleasant odours at the same time.

Product Installed

air-e nanoe™ X generator (25 units)

* 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 nanoe™. 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.