

# The Neighborhood Advice-Action Council (NAAC)



鄰舍輔導會  
THE NEIGHBOURHOOD ADVICE-ACTION COUNCIL

The Neighbourhood Advice-Action Council is a Hong Kong registered non-profit organisation established in 1968 to provide a wide range of community development to those in need

Santilization effect up to

# 99.97%



Keep the CO2 level below 800 ppm

Maintain the oxygen ratio in air ~21%

## Summary:

**Prepared by:** Micronics Company Limited

**Project type:** Retrofit

### Site:

1. NAAC Fairyland: 5 Tai Ching Cheung Road, Kwai Chung, New Territories
2. NAAC Shanghai Fraternity Association Care & Attention Home for the Elderly: Levels 4-5, Ko Fai House, Kwun Fai Court, Ho Man Tin, Kowloon (entrance from Fat Kwong Street)
3. NAAC Tuen Mun Integrated Employment Services Centre: G/F, Tip Yee House, Butterfly Estate, Tuen Mun, New Territories
4. NAAC Yau Oi Day Creche: Rooms 101-105, G/F, Oi Tak House, Yau Oi Estate, Tuen Mun, New Territories

**Trial Period:** 13/08/2021-28/08/2021

**Number of Participants:** 10 each site

**Equipment:** Venti-Pro System x2 and T&C each site

### Objective:

1. Disinfection performance match with lab test result
2. Improve site air quality, air purification index to standard
3. Analyzed sites condition, gather useful data for further analytics and use at other sites with similar conditions benefit to more communities

## Venti-Pro 3-in-1 Sanitization Application Technology

### Features:

#### - Venti-Pro 3-in-1 Sanitization Application Technology

(Note: A new 4th proven technology “CHAOSOR” will be added soon, which will be the world’s FIRST and ONLY sanitization process of this kind ensuring killing COVID19, SARs, Legionnaires and other viruses and bacteria at 0.1 second)

- Technologies / products are tested and certified with successful cases

- No significant disturbance to HVAC normal operation

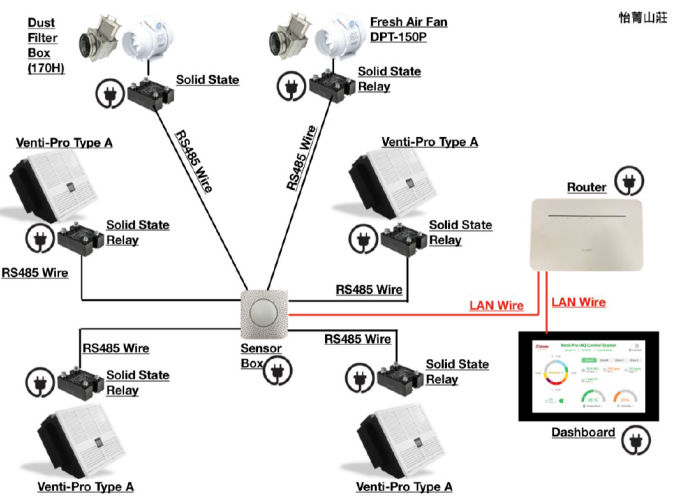
**Sanitization**

**Proven**

**Certified**

## Trial Process & Results

Date	Milestone	Expected results	Deliverable and results achieved
28/02/2021	Sample & lab test finished	Disinfection performance match with lab test result	The product is tested and certified with EMC and LVD and able to kill Staphylococcus albus rate at 99.97; PM2.5 Removal Rate: 99.11; Methane Removal Rate: 91.1
31/08/2021	Installation finished	Improve site air quality, air purification index to standard	TVOC, PM2.5 and CO2 data was collected through the sensor box. The system will automatically turn on the purifiers if the data exceed the threshold, this can keep the on-site air quality within the standard.
31/08/2021	Finished review & evaluation, give recommendation and final report	Analyzed sites condition, gather useful data for further analytics and use at other sites with similar conditions, benefit to more communities	Site investigation was conducted to check the operation of the system and collect feedback



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**99.97%**