



Performance in an AHU (government building)

Replaced existing Bag filter ~Merv13 vs Nanofiber HEPA Filter



Bag filters, low-to-middle filtration efficiency



MultiH[®] nanofiber HEPA filters, trap / kill viruses, bacteria at $\geq 99.97\%$

- ✓ Affordable upgrade that require no modification to fan system
- ✓ Upfront plus filter costs ~HK\$0.459/ft²
- ✓ Low energy cost due to ultra-low pressure drop
- ✓ Low operational and maintenance costs

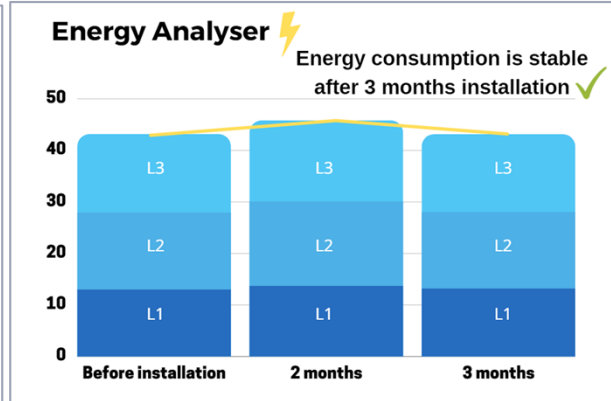
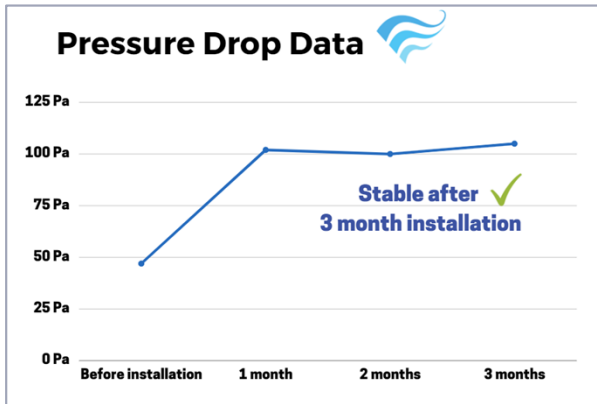
Particle size 0.3 μ m removal rate of P1-P2





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Bacteria test on USED filter (1 month)

Result: Total bacteria count on the USED filter was less than 1 cfu/cm².

Test Component (A): MultiH[®] HEPA Filter

Parameter	Result	Conclusion
Total Bacteria count	LT 25 cfu/100cm ² ; LT 1 cfu/cm ²	DATA
Mold count	LT 25 cfu/100cm ² ; LT 1 cfu/cm ²	DATA

cfu/cm² = colony-forming units per cm²
 cfu/100cm² = colony-forming units per 100cm²
 LT = Less Than
 GT = Greater Than

Result: Less Than 1

