

Service Bulletin: COVID-19 HVAC Preventative Measures

As COVID-19 infection rates continue to increase with no indication of its peak, focus has now shifted to providing a safe and functional work environment that minimises the risk to all staff members and visitors alike.

If the HVAC system outdoor air is not adequately filtered, a large number of hazardous particles could find their way into our cardiovascular system. Combined with the already present particles from the indoor environment, this air quality can drop to unhealthy levels leading to a 'Sick Building Syndrome'.

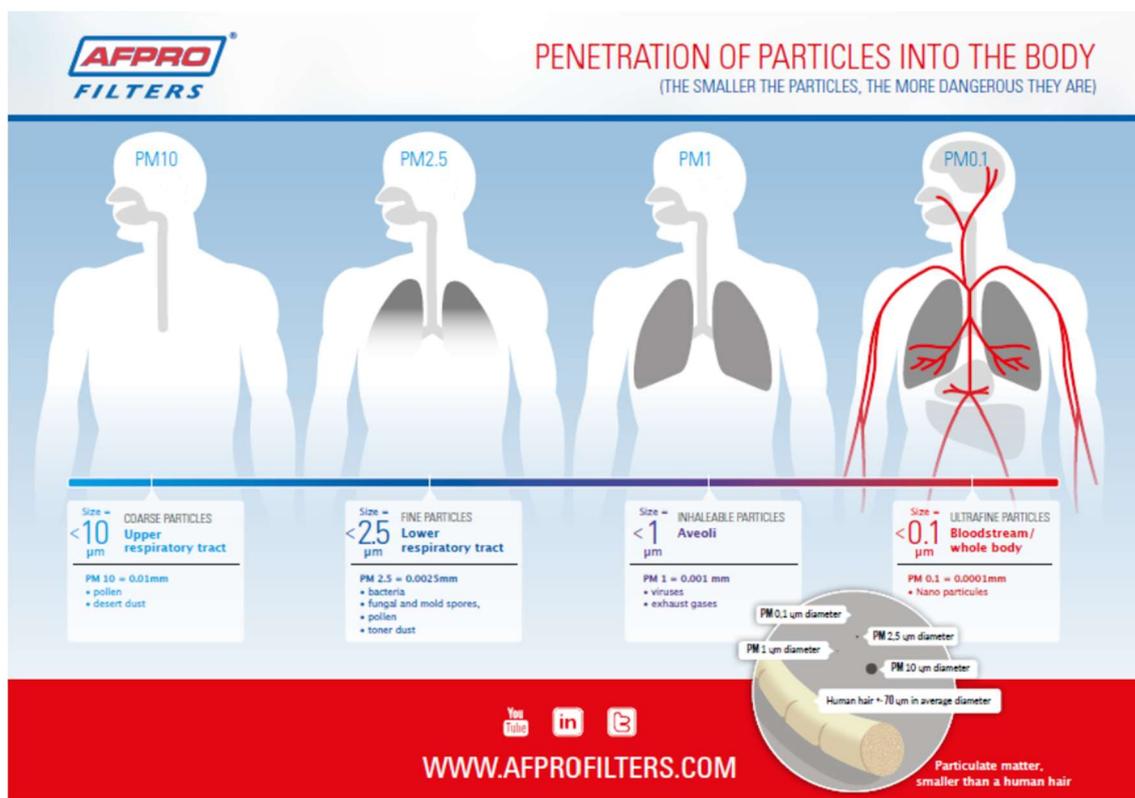
Flowtech National would like to present a number of low-cost and clinical based treatment measures that can help protect occupants, buildings and products by treating the central plant that circulates the air around your facility.

Option 1 – Plant Internal Surface Clean

Perform a detailed wash and wipe of all internal services accessible to the HVAC technician using an all-natural, 'no fragrance' detergent to clean down any build up on the plant internal surfaces.

Option 2 – High Efficiency Air Filtration

All air handling units have filters which are designed to minimise the ingress and transmission of dust and contaminants with the HVAC system. In response to this unprecedented virus, Flowtech National has priority access to replacement filter which have been approved and used by health authorities, including the 10-day hospital in Wuhan. By incorporating these replacement filters within your HVAC plant, a PM1 level of filtration and protection is achieved. As detailed in the below diagram, this cover particle sizes that can reach deep inside an individual's lung.



Option 3 – Deep Coil Clean

A heat transfer coil in your HVAC system can provide the perfect temperature, humidity and light conditions to grow air borne contaminants. Even with a high-performance filtration system, the heat transfer coil is located downstream from these protection devices and regular coil cleaning is required to maintain ongoing equipment performance and provide the best indoor environment possible for your team. This service has the added benefit of reducing operating costs due to lower system restrictions whilst improving coil performance to meet the required occupied space conditions.

Option 4 – Indoor Air Quality Testing / Sterilisation

Should there be any concern about your facilities indoor air quality, Flowtech National are also able to conduct a number of other services that can be provided around Indoor air quality testing and sterilisation of infected or potentially infected areas.

The Flowtech National team are here to help and support our clients during this difficult time, so please do not hesitate to contact your local representative via the below details to organise a consultation session or by [clicking here](#) to visit our website