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ENGINEERING AND ESTATE MANAGEMENT



COVID-19 puts efficient and
reliable running into focus



DRLC Ltd.

Authorising Engineers for:
Ventilation, Fire Safety &
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Reducing Covid-19 transmission by Ventilation Systems

- ✓ Check ventilation ductwork from intake to pre-filter annually and clean if required
- ✓ Air Scrubbers play a part in clean air systems however ensure a maintenance policy is agreed and that they are on the Asset Register
- ✓ Wall mounted Air Conditioning Units are prone to throw the air across rooms. Restrict their use in Healthcare premises to the minimum
- ✓ HTM03-01 (2021) guidance is to inspect Critical Ventilation Quarterly and carry out Annual maintenance
- ✓ Treatment and waiting rooms with opening windows can use natural ventilation to dilute any airborne virus
- ✓ Ensure AHU filters are checked regularly and when they are changed check they are fitted correctly. A filter with an air gap will not deliver clean air.

Net Zero Carbon and Ventilation

- ✓ AHU being newly installed or refurbished should be fitted with EC plug fans
- ✓ Large belt driven fans which use a lot of energy can be effectively replaced by fan walls
- ✓ Plan to upgrade old AHU units – the cost of replacement can be recouped by the energy savings from new plant
- ✓ Ensure filters are kept clean as this reduces the power required to drive the fans
- ✓ Inspect ventilation ducts and repair any leaks
- ✓ Switch off ventilation that is not required
- ✓ Ensure all new and refurbished plant has an energy recovery unit

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of the **Best Value**
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