



LIGHT TROFFER ADU AIR DISINFECTING UNIT



PROTECT THE HEALTH OF YOUR TENANTS & EMPLOYEES

DisinfectAir's LED design produces UV-C that continues down the unit's entire chamber resulting in a prolonged intensity dose. This prolonged dose provides for a disinfection rate of 90.9% in the first pass and 99.9% in the first hour.

According to the National Center for Biotechnology Information (NCBI), the most effective germicidal wavelength occurs between 260nm and 270nm. This is the point at which DNA absorbs UV energy the most. UV-C energy is a commonly used sterilization technology that has been shown to inactivate a wide range of airborne bacteria, viruses, molds and other pathogens and microbial populations. DisinfectAir produces an effective germicidal wavelength of 265nm.

DisinfectAir's Light Troffer ADU can be exchanged out for one of your existing light fixtures. In a standard room, one Light Troffer ADU can exchange the air once an hour. We recommend one Light Troffer ADU per 2,600 cubic feet.

DisinfectAir's products are designed and manufactured in Ohio.



Benefits

- LED, Eco-friendly & Ozone free
- Optimal 265nm germicidal wavelength
- Disinfection rate of 90.9% microbial reduction in the first pass
- Exchanges air once an hour in a 3,000 SF room for an effective kill rate of 99.9994%
- 9 year fan life running 8 hours a day (3 year running 24/7)
- 9 year LED life running 8 hours a day (3 year running 24/7)
- Optional remote
- Virtually no maintenance
- Quiet operation
- Ability to trade out with existing light fixtures
- Low cost of ownership
- Plug & Play, one for one replacement
- UL Approval pending
- Patent pending
- Disinfects rooms safely while occupied
- No chemical mist
- No chemical fog
- Constant airflow
- Peace of mind for clients and staff
- Continuous airborne pathogen removal
- Fogging & misting are temporary
- We don't use mercury UV bulbs because they are expensive to replace, time consuming maintenance, poor performance in low temperatures., fragile construction, thus breakage, long warm-up times, limited to one wavelength of 254nm according to NCBI, associated with harmful ozone and cancer

DisinfectAir LLC

121 E. Ascot Lane

Cuyahoga Falls, Ohio, 44223

216-312-0502

Janet@DisinfectAirLLC.com