



BLUE BOX COMMERCIAL RE DISINFECTION PROTOCOL

The Blue Box COVID-19 disinfection protocol is designed to remove biofilm growths that often form deep within the heat transfer coils of a building's HVAC system, thereby eliminating potential breeding areas for viruses, bacteria, and fungi. The objective is to mitigate the potential risk of buildings and facilities that may have been exposed to COVID-19 and other pathogens.

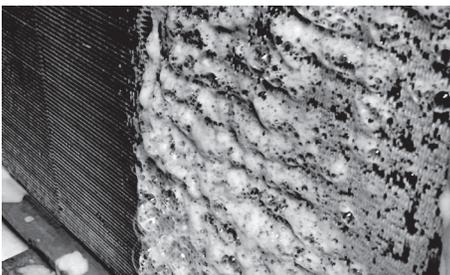
AIR HANDLERS, FAN COILS, CEILING UNITS, PTACS

Blue Box is a patented process that delivers near perfect surface area coverage of any type of heat transfer coil. By modifying its enzyme treatment process to include Chlorine Dioxide (ClO₂), Blue Box's COVID-19 disinfection protocol delivers the most thorough process on the market for disinfecting a building's HVAC system, requiring no downtime, is odorless and involves no corrosive chemicals.



STEP 1 - ENZYME TREATMENT

The first stage of Blue Box's disinfection protocol is to inject its proprietary enzyme treatment formulation (ETF) into the coils. Blue Box technicians inject this ETF into the coils as a foam phase while the system is on. The air flow draws the ETF foam into the coils, enabling a near perfect coverage of the internal surface area. In addition, the ETF foam is injected into the coils in a dense phase, which moves slowly through the coils and encapsulates all particles and microbes as the foam migrates through the system. This ensures that microbes and particles are not being dislodged and introduced into the air stream during the disinfection process.



STEP 2 - ENZYME + ClO₂

Once all blockages have been removed, the Blue Box technicians will inject the disinfection formulation which will combine both the enzymes + ClO₂ formulation (ECF). The Blue Box technicians will inject the ECF formulation as a thick foam phase which will slowly move through the coils and fill the internal space until an even thick foam begins to exit the back side of the coils, thereby ensuring near perfect surface area coverage throughout the system. This treatment will not be flushed out of the coils, but will rather remain inside the coils and will continue to break down any remaining biofilms found deep inside allowing the ClO₂ to immediately kill any remaining pathogens.

PROCESS HIGHLIGHTS



Odorless



Non-corrosive



Chlorine Dioxide

Well-known and highly effective disinfectant used to kill viruses, bacteria, and fungi such as Coronavirus, Rhinovirus, Staphylococcus Aureus, and MRSA