



Sanuvox IL Coil Clean

UV SURFACE STERILISATION - PREVENTING BIO-FILM AND MOULD GROWTH ON COOLING COILS AND HIGH RISK AREAS IN HVAC SYSTEMS

WARRANTY
15
YEARS
ON BALLASTS

WARRANTY
2
YEARS
ON LAMPS

POWERFUL UV PERFORMANCE FOR HVAC SYSTEMS

Cooling coils often attract mould, fungi, and bacteria because of the mix of changing temperatures and humidity, which leads to condensation. These microbes can harm indoor air quality. Over time, the buildup of these contaminants can block airflow and make it harder for the system to transfer heat, which reduces efficiency and increases energy costs.

Sanuvox's UV IL CoilClean uses patented technology incorporating high-intensity UVC germicidal lamps and aluminum parabolic reflectors. Just like the headlights of a car, IL Coil Clean uses reflectors to direct light to where it's most needed. The reflectors are built from lightweight aluminum - it's one of the most reflective materials available - maximising UV efficiency and intensity.

The IL CoilClean is designed to direct virtually 100% of the UVC energy onto the coil - this maximizes the efficiency of the unit and extends product life, protects the lamps against fouling and ensures the plenum is protected from UV exposure.

To help you choose the correct UV coil cleaning products Opira can model the UV exposure time and intensity against recommended killtimes for specific strains of bacteria, mould, viruses and fungi.



BENEFITS

- Reduces energy consumption
- Reduces odours associated with mould
- Improves air quality
- Eliminates the need for chemical cleaning of coils
- Extends the life of your coil

Why Size Matters: T6 vs T5 UV Lamps

Larger UV lamps deliver superior disinfection. Sanuvox T6 lamps (19 mm) outperform thinner T5 lamps in thermal stability, longevity, and intensity. HVAC environments where airflow fluctuations can impact performance.

Parabolic Reflectors: Maximise UV Efficiency

Sanuvox aluminium parabolic reflectors boost UV intensity by redirecting light back onto the coils where it matters most.

Smarter, Simpler UV System Management

Real-Time Monitoring with BMS Integration Sanuvox UV systems are BMS-ready, enabling seamless integration for remote monitoring, reduced inspections, and predictive maintenance.



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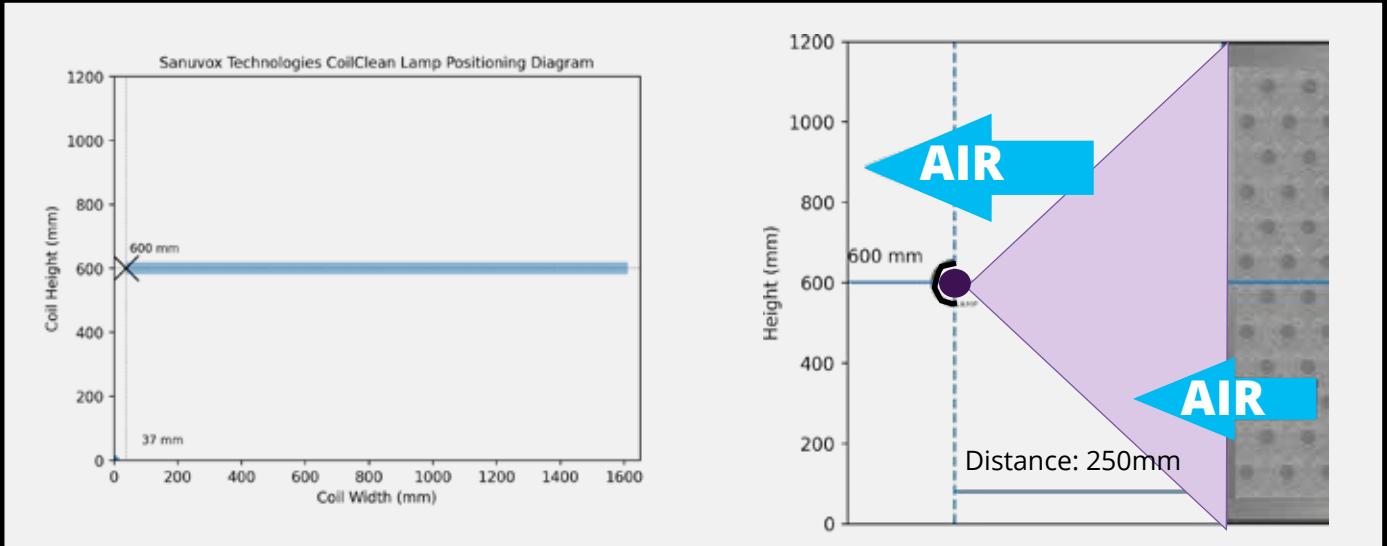
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TECHNICAL SPECIFICATIONS	IL 12G	IL18G	IL24G	IL30G	IL40G	IL60G
Lamp Reflector Assembly: Overall Length	343mm	495mm	648mm	800mm	1054mm	1537mm
Lamp Length +250mm recommended clearance between coil and lamp	300mm	457mm	609mm	762mm	1016mm	1524mm
Power consumption	33.3 W	51 W	52 W	79 W	104 W	164.3 W
Ballast box	Ballast Box: Height X Depth X Length 412.8 mm , 70.7 mm, 119 mm The ballast box is equipped with LED indicators for lamp status as well as dry contacts for any BMS remote monitoring system					
Replacement UV lamps	300mm 17,000 hours	457mm 17,000 hours	609mm 17,000 hours	762mm 17,000 hours	1016mm 17,000 hours	1524mm 17,000 hours



Clean Evaporator Coils for a more Efficient System

Contact Opira to model the real-time kill rates of bacteria, fungi and mould using UV sterilisation for surfaces and air.



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