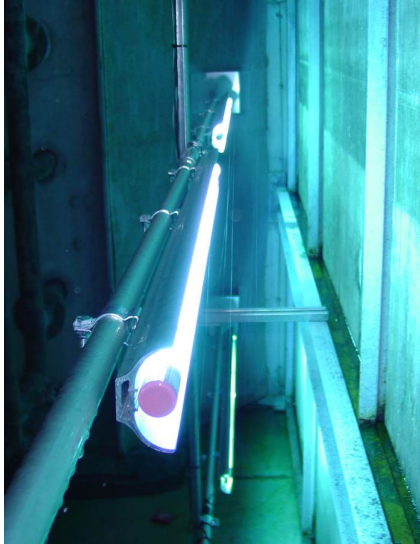


# SIZING SOFTWARE FOR UV COILCLEANERS (NO CHARGE)



Sanuvox UV CoilClean Sizing Matrix Software empowers installers and end-users with an easy to use application to size their very own coils.

The easy-to-use software provides detailed information for all related issues in regards to sizing UV systems for coils.

Information provided include:

- How many UV CoilClean fixtures required on the user specified coil
- User selects preference. Upstream or Downstream side of the coil.
- Mounting guide illustrating where the UV systems should be placed for maximum efficiency.
- Real-Time UV efficiency in microwatts on the face of the coil (microwatt efficiency is provided at end of Lamp Life which is at 17,000 hours of operation)
- Real-Time Kill Rate in minutes based on the resilient bacterial spore aspergillus Niger
- Real-Time projection of energy savings and ROI based on users kWh

The Sanuvox Aluminum Parabolic Reflector\* directs virtually 100% of the germicidal UV energy onto the coil reducing the number of UV fixtures required while dramatically extending effective Lamp life.

\* Patent Pending

## EXAMPLES OF WHAT IS INCLUDED IN THE SIZING MATRIX

In this example, the UV CoilClean Sizing Matrix bases all calculations on an Upstream (return side) installation on a coil measuring 130" wide by 96" high. The following information is generated by the Matrix and provided in a user-friendly PDF report.

Figure A. Position of UV CoilClean ILs on the coil

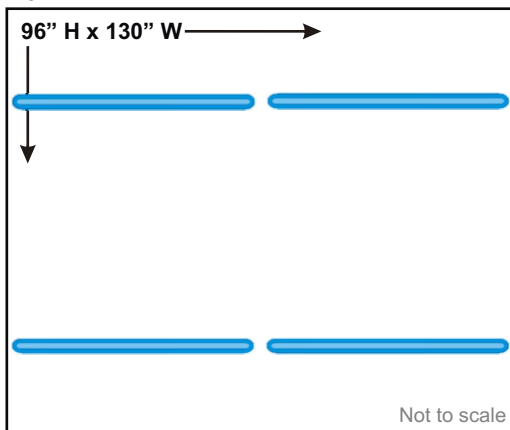


Figure B. Measured UV intensity on the coil @ 18"

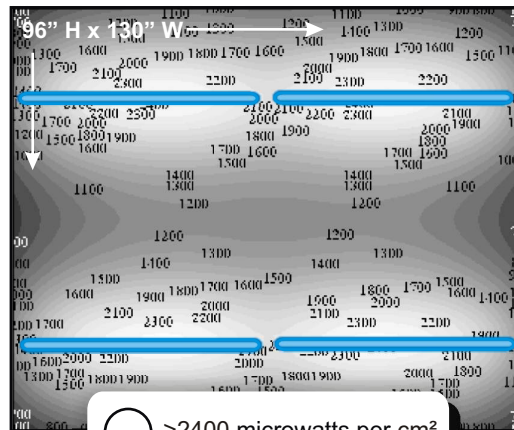
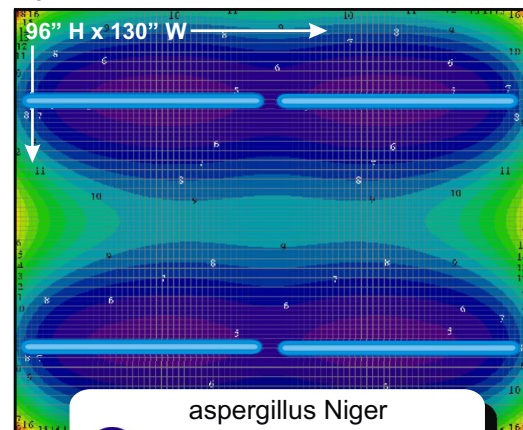


Figure C. Bio-contaminant survival time on the coil



This Coil requires two (2) rows of two (2) CoilClean IL 60" per row"

- >2400 microwatts per cm<sup>2</sup>
- 1200 microwatts per cm<sup>2</sup>
- 553 microwatts per cm<sup>2</sup>

- aspergillus Niger
- 5 min. to 99% disinfection
  - 11 min. to 99% disinfection
  - 16 min. to 99% disinfection
  - 20 min. to 99% disinfection

The included Kill-Rates are based on "end of Lamp life" which is after 2 years of continuous operation (17,000 hours). Kill Rates from "Day 1" will be exponentially higher.

Aspergillus Niger will take 5 minutes (purple area) of irradiation for 99% destruction. The 4 corners will be receiving the least amount of UV intensity (approx. 550 microwatts as per Figure B.) requiring not more than 20 minutes for complete destruction. The average time for complete destruction will be 8 minutes.



Available at no-charge. Real-Time Sizing Software.

Call 1-888-726-8869 for your copy today.