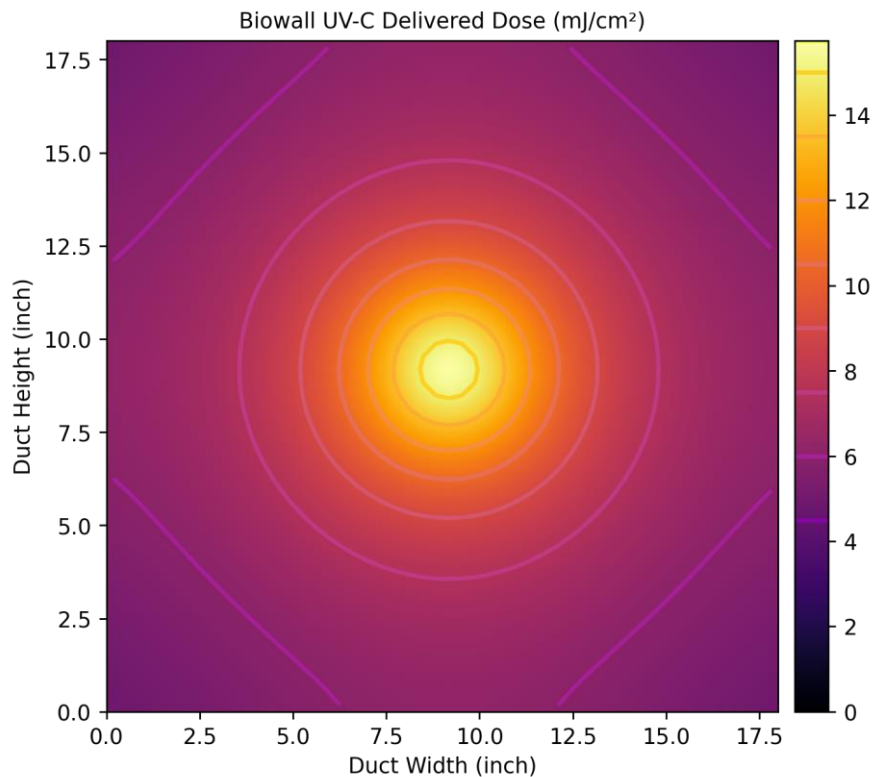


Reference: AEROSAUR @ 500 cfm Setting 1

Duct Info		General Info	
Duct Width	18.0 inch	Product	BioQuattro
Duct Height	18.0 inch	Lamp Length	18.0 inch
Duct temperature increase	0.77 °F	Number of Biowalls	1
Duct airflow	500.00 CFM	Total Input Power Required	122.4 W
Duct air velocity	222.25 ft/min	Sound Level	24 dB

Irradiation Dose Delivered

Min dose	Average dose	Max dose
4.93 mJ/cm ²	7.31 mJ/cm ²	15.74 mJ/cm ²



BioQuattro Lamp Information

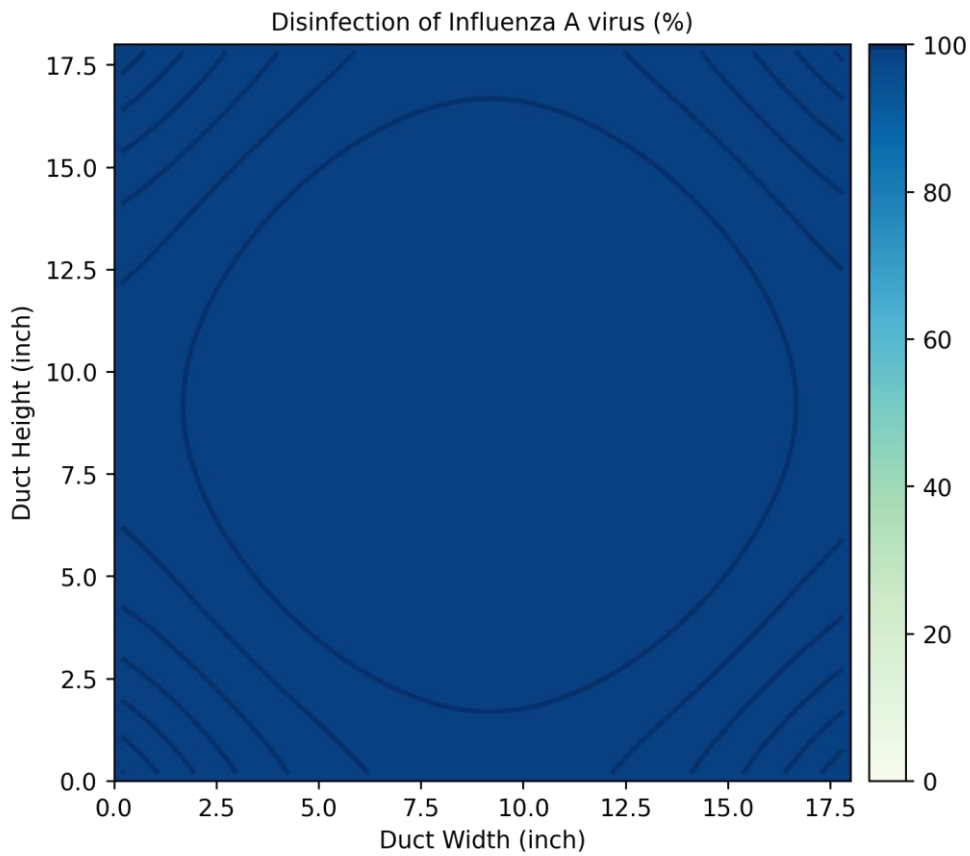
Lamp Length	18.0 inch
Unit Length	20.0 inch
Power	30.6 W
Lamp Warranty	2-years on Commercial Applications
Country of origin	Made in USA

PASSES SUMMARY

Kill Rate: Influenza A virus

Min	Average	Number of Passes
100.00 % LOG: 7	100.00 % LOG: 9	3 Passes

Influenza A virus			
Pass number	1	2	3
Min:	99.72 %	100.00 %	100.00 %
Average:	99.95 %	100.00 %	100.00 %
Average Log:	3	6	9

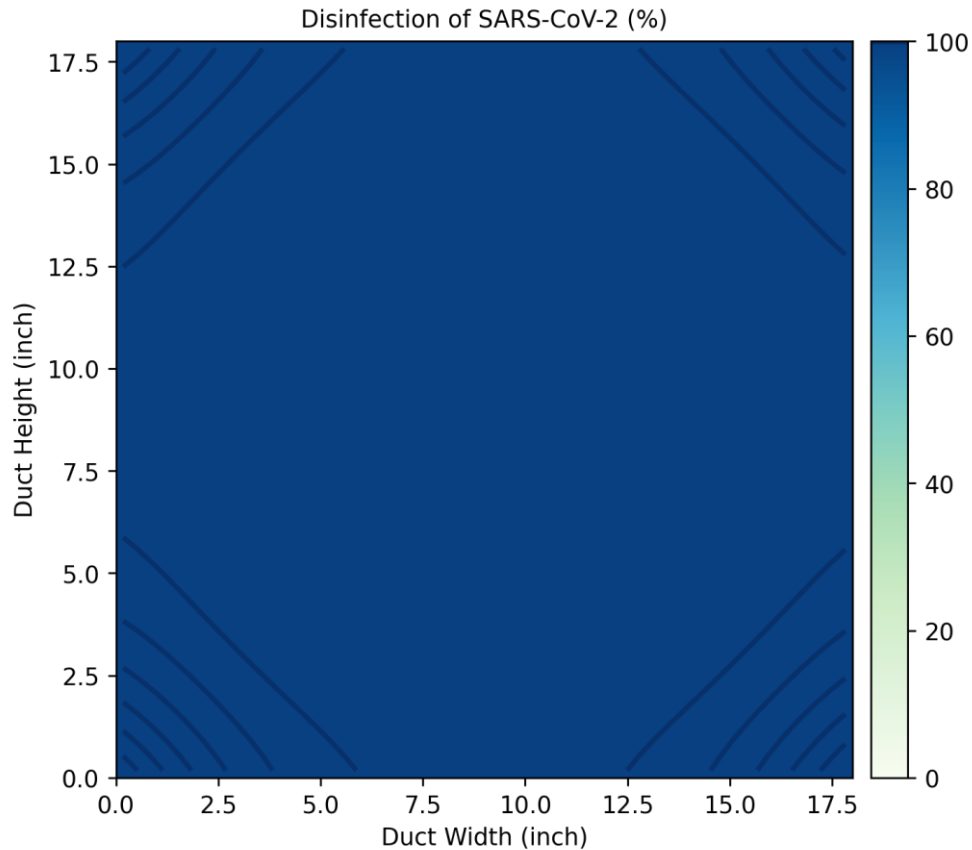


Kill Rate: SARS-CoV-2

Min	Average	Number of Passes
100.00 % LOG: 12	100.00 % LOG: 15	3 Passes

SARS-CoV-2

Pass number	1	2	3
Min:	99.99 %	100.00 %	100.00 %
Average:	100.00 %	100.00 %	100.00 %

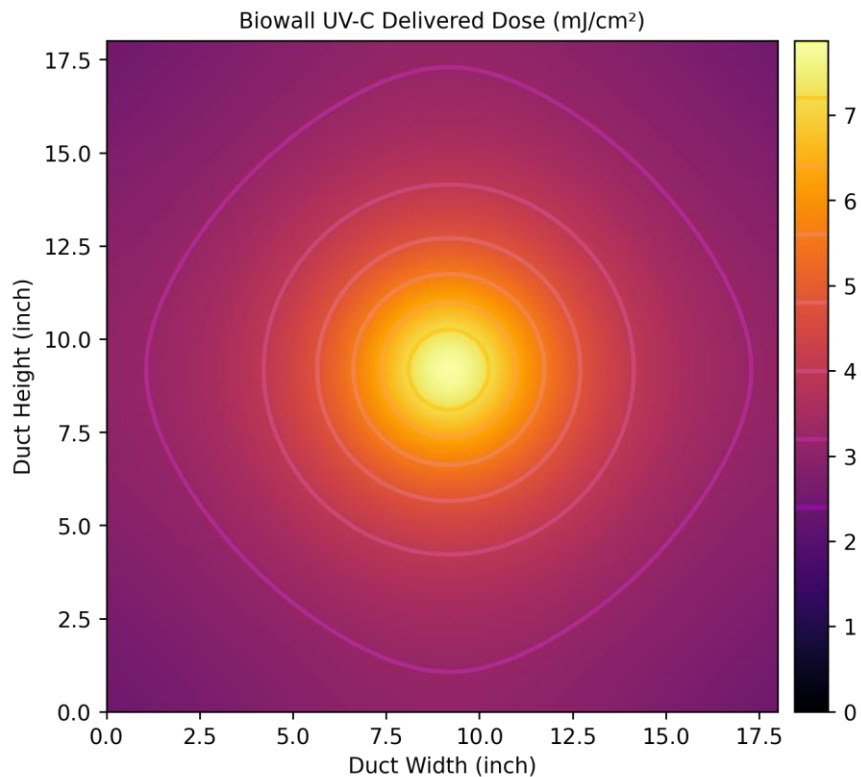


Reference: AEROSAUR @ 1,000 cfm Setting 2

Duct Info		General Info	
Duct Width	18.0 inch	Product	BioQuattro
Duct Height	18.0 inch	Lamp Length	18.0 inch
Duct temperature increase	0.39 °F	Number of biowalls	1
Duct airflow	1000.00 CFM	Total Input Power Required	122.4 W
Duct air velocity	444.49 ft/min	Sound Level	28 dB

Irradiation Dose Delivered

Min dose	Average dose	Max dose
2.46 mJ/cm ²	3.65 mJ/cm ²	7.87 mJ/cm ²


BioQuattro Lamp Information

Lamp Length	18.0 inch
Unit Length	20.0 inch
Power	30.6 W
Lamp Warranty	2-Years on Commercial Applications
Country of Origin	Made in USA

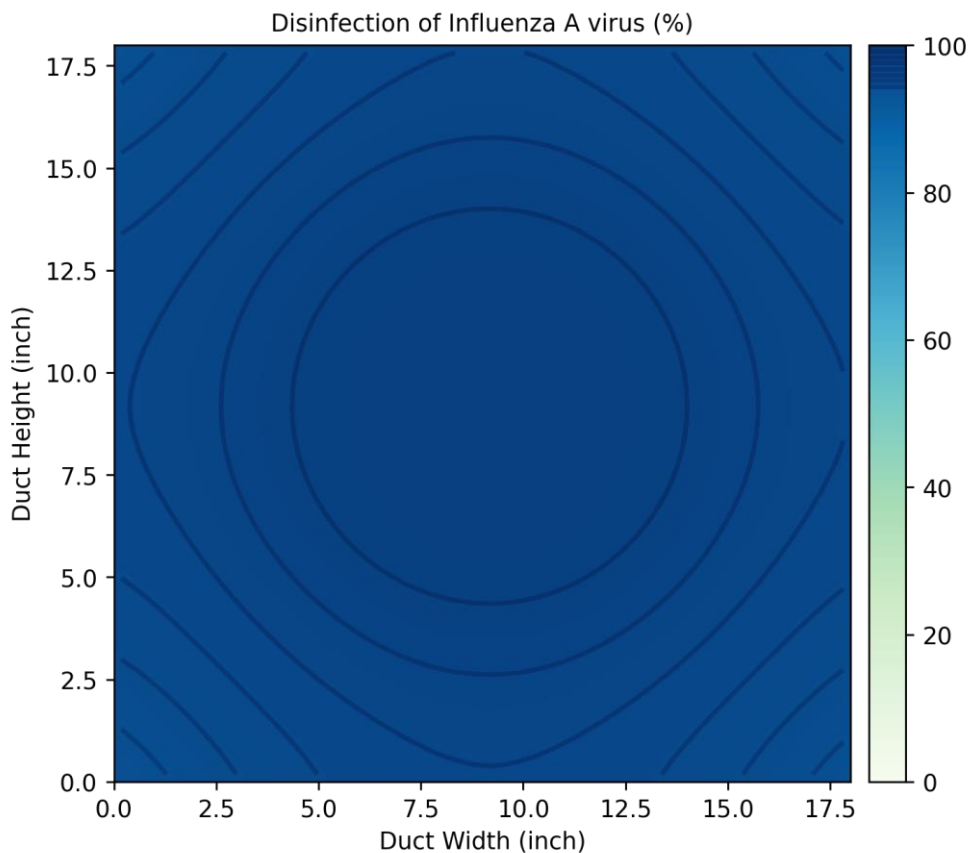
PASSES SUMMARY

Kill Rate: Influenza A virus

Min	Average	Number of Passes
99.98 % LOG: 3	100.00 % LOG: 5	3 Passes

Influenza A

Pass number	1	2	3
Min:	94.68 %	99.72 %	99.98 %
Average:	98.08 %	99.96 %	100.00 %
Average Log:	1	3	5

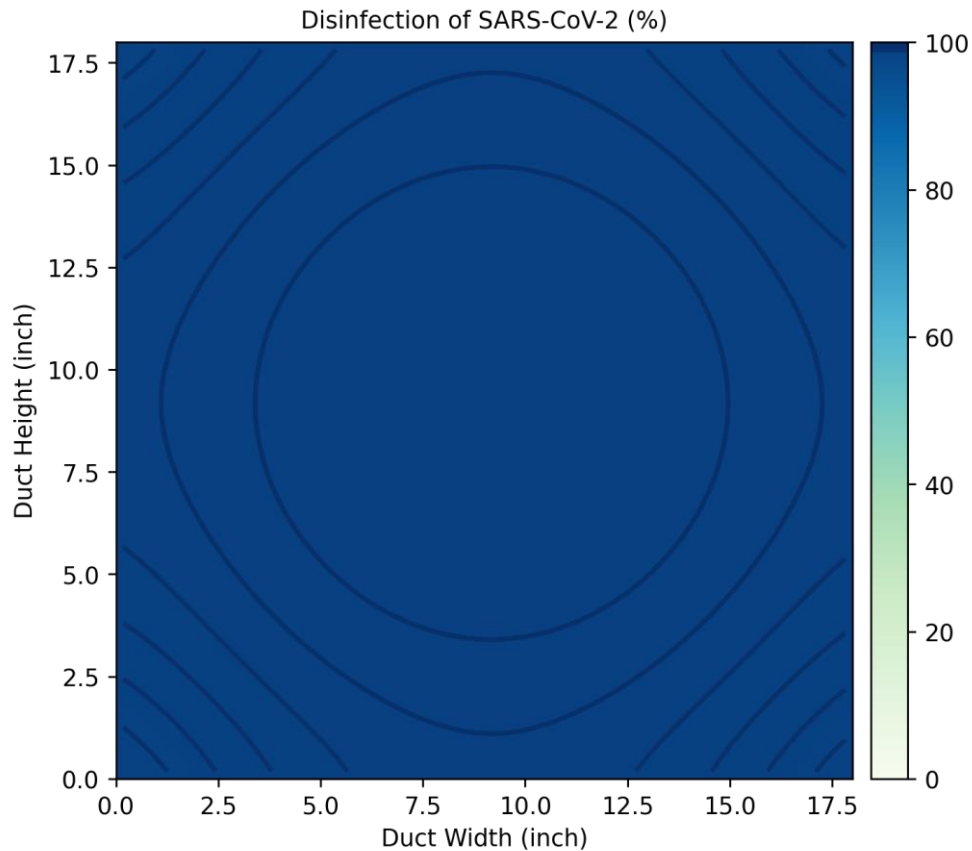


Kill Rate: SARS-CoV-2

Min	Average	Number of Passes
100.00 % LOG: 6	100.00 % LOG: 7	3 Passes

SARS-CoV-2

Pass number	1	2	3
Min:	99.00 %	99.99 %	100.00 %
Average:	99.76 %	100.00 %	100.00 %
Average Log:	2	5	7

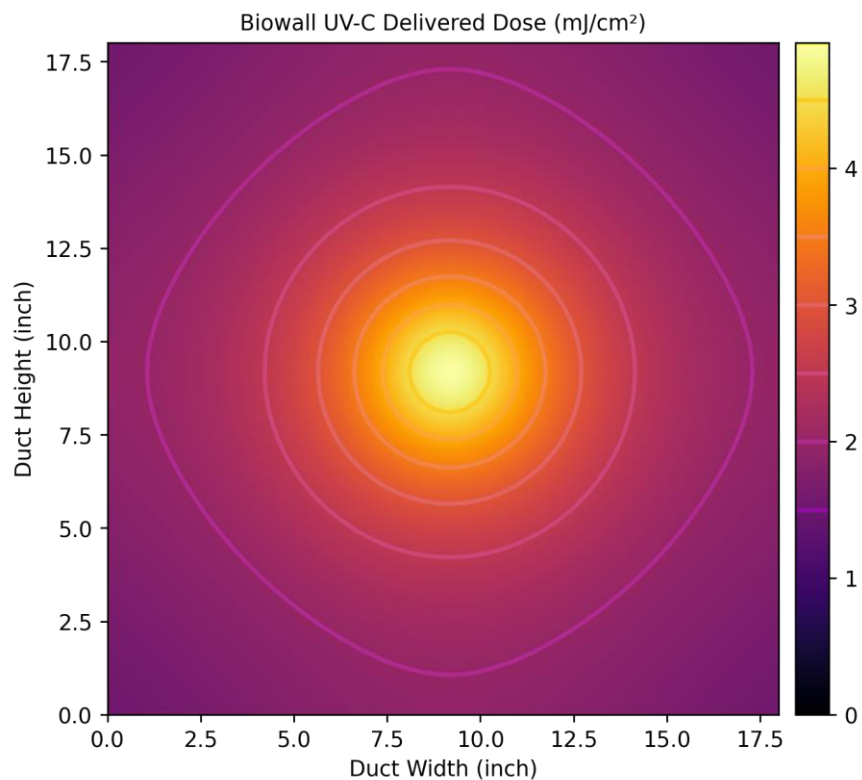


Reference: AEROSAUR @ 1,600 cfm Setting 3

Duct Info		General Info	
Duct Width	18.0 inch	Product	BioQuattro
Duct Height	18.0 inch	Lamp Length	18.0 inch
Duct temperature increase	0.24 °F	Number of Biowalls	1
Duct airflow	1600.00 CFM	Total Input Power Required	122.4 W
Duct air velocity	711.19 ft/min	Sound Level	42 dB

Irradiation Dose Delivered

Min dose	Average dose	Max dose
1.54 mJ/cm ²	2.28 mJ/cm ²	4.92 mJ/cm ²


BioQuattro Lamp Information

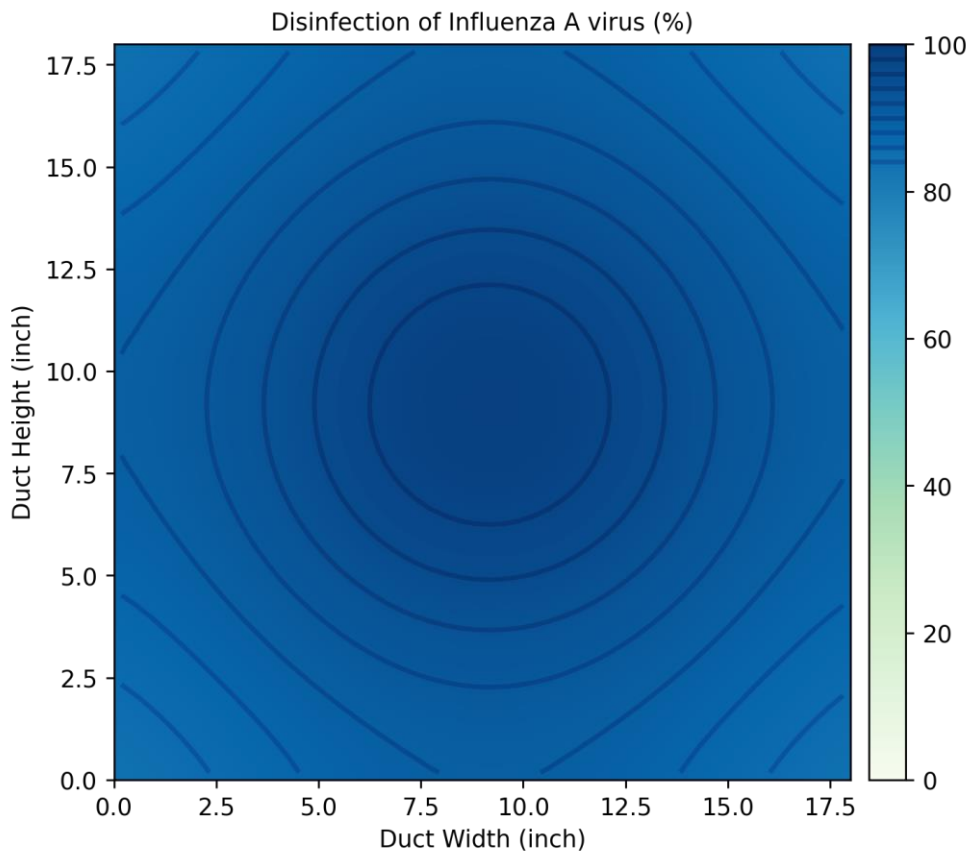
Lamp Length	18.0 inch
Unit Length	20.0 inch
Power	30.6 W
Lamp Warranty	2-Years on Commercial Applications
Country of Origin	Made in USA

PASSES SUMMARY

Kill Rate: Influenza A virus

Min	Average	Number of Passes
99.59 % LOG: 2	99.95 % LOG: 3	3 Passes

Influenza A virus			
Pass number	1	2	3
Min:	84.01 %	97.44 %	99.59 %
Average:	92.05 %	99.37 %	99.95 %
Average Log:	1		3

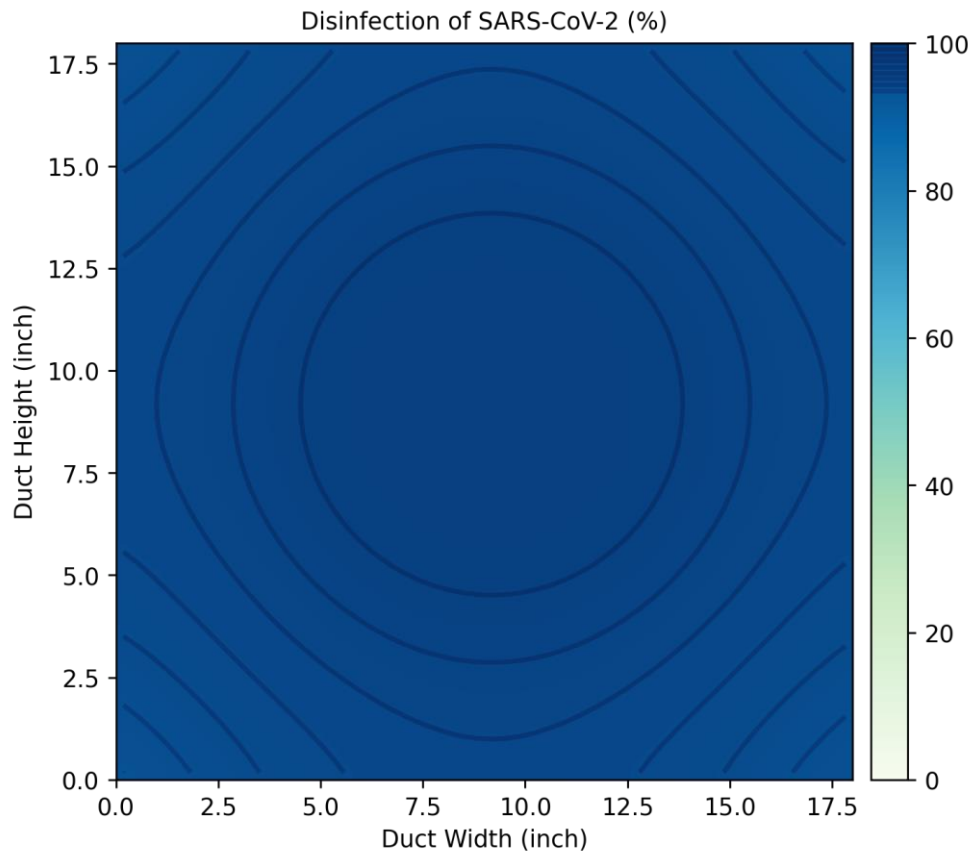


Kill Rate: SARS-CoV-2

Min	Average	Number of Passes
99.98 % LOG: 3	100.00 % LOG: 5	3 Passes

SARS-CoV-2

Pass number	1	2	3
Min:	94.39 %	99.69 %	99.98 %
Average:	97.94 %	99.96 %	100.00 %
Average Log:	1	3	5



How do I order the AEROSAUR and HygieniCoat Ducting?

Initially, our HVAC Engineers work with you to evaluate your set for duct requirements from floor plans. Then we provide an estimate before a site visit is scheduled to confirm installation details. After installation, the HygieniCoat Ductwork remains in place, ready to be coupled to the portable Aerosaur, ready to service the sets on a stage. When a set reaches the end of its life cycle, the ductwork may be reused in the next configuration.

The 'AEROSAUR' and 'HygieniCoat Duct' are available for sale and in some locations, rental.

Through our technology partner SANUVOX, world leaders in UVC technology, we supply a variety of solutions to fit your needs, including small portable UVC air purifiers perfect for personal workspaces in trucks, trailers, offices, and on set.

BlueGold Labs recommends all hard and soft surfaces be treated with HygieniCoat Nano Ceramic Coatings for ultimate peace of mind, especially your high touch surfaces. We can optimize the protection of your personal space more effectively and comprehensively than any other approach.

Our Contact Information

Email: Sales@BlueGoldLab.com or **Phone:** 1-604-245-1473 (M-F, 9AM-5PM, PST)