

Extend the life of your coolant.

Why the ASF 100?

- Extends coolant life reducing need for change outs.
- Pays for itself in months not years.
- Chemical free UV sterilization system with customizable filtration.
- Promotes a cleaner and healthier work environment.
- Built-in electronics for customizable operation.
- Ideally suited for machine tools and aqueous parts washers.



Monday morning stink got you down? Inauvate Work Solutions' ASF 100 eliminates Monday morning stink by attacking the bacteria, mold, and fungi that cause it. The ASF 100 is a chemical free UV sterilization system that is designed for manufacturing and pays back fast—in months not years.

Inauvate's ASF 100 ultraviolet (UV) light system controls the spread of bacteria, mold, and fungi that cause coolant to spoil by sterilizing living cells and preventing the growth of future colonies. This prolongs coolant life leading to fewer change outs per year, reduced machine downtime, lower disposal cost, and more time for maintenance personnel to perform other tasks. It also has green benefits that include reduced waste, no chemicals, minimal energy costs and a cleaner/healthier work environment.

Designed for the manufacturing industry, the ASF 100 features a multi-pass directed flow system with customizable filtration. Compact and easily integrated into most machine tools, installation is quick and simple with options for permanent installation or portability. Built-in electronics allow for a variety of operation modes including time-based scheduling, external control (such as M code relays), or stand-alone operation with pump controls. Visual maintenance check reminders, alarms, and software help maximize bulb-life and minimize maintenance.



The ASF 100 is compact and designed for the manufacturing industry specifically compact installations.



Available in 10" sump size for compact installations and 20" sump size for maximum UV exposure and effectiveness.

Product Comparison



	ASF100-10N ENTRY LEVEL VALUE	ASF100-10H HIGH POWER IN A SMALL PACKAGE	ASF100-20N EXTENDED PERFORMANCE	ASF100-20H TOP OF THE LINE
Recommended Fluid	Clear	Clear/Translucent	Translucent/Opaque	Opaque
Light Wavelength	UV-C	UV-C	UV-C	UV-C
Light Wattage	14W	29W	26W	54W
Light Intensity	4000 $\mu\text{W}/\text{cm}^2$	8000 $\mu\text{W}/\text{cm}^2$	8400 $\mu\text{W}/\text{cm}^2$	14,000 $\mu\text{W}/\text{cm}^2$
Filter Dimension	10" x 2.5"	10" x 2.5"	20" x 2.5"	20" x 2.5"
Max Pressure	50 psi	50 psi	50 psi	50 psi
Max Flow Rate	20 US gal/min	20 US gal/min	20 US gal/min	20 US gal/min
Max Tank Volume	120 US gal	120 US gal	120 US gal	120 US gal
Max Temperature	125°F	125°F	125°F	125°F
Bulb Life Monitor	Yes	Yes	Yes	Yes
Bulb Failure Monitor	No	Yes	No	Yes
Shipping Weight	13 lbs	13 lbs	14 lbs	14 lbs
Sump Dimension	13.75" x 5.88" x 5.25"	13.75" x 5.88" x 5.25"	23.75" x 5.88" x 5.25"	23.75" x 5.88" x 5.25"
Control Box Dimension	6.25" x 4.25" x 1.75"	6.25" x 4.25" x 1.75"	6.25" x 4.25" x 1.75"	6.25" x 4.25" x 1.75"
MSRP	\$2,495	\$2,795	\$3,295	\$3,595

Inauvate Work Solutions offers tools for manufacturers that reduce costs and increase productivity, and contribute to a better environment. A brainchild of Ruland Manufacturing Co., Inc., Inauvate was founded to share products developed to improve operations on the Ruland factory floor. We have found that a common sense approach to workplace organization and decreasing waste contribute as much to profitability, product quality, and the environment as does the use of modern machine tool technology. This has helped Ruland to thrive while continuing to manufacture all of its products in a "high cost" location with strict environmental standards.