

## Go Green and Clean with Inauvate's ASF 100

### Why the ASF 100?

- Extends coolant life reducing waste output by up to 80%.
- 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.*

The ASF 100 from Inauvate is a coolant sterilization system that reduces environmental waste and leads to a healthier work environment. Based on ultraviolet (UV) light technology, the ASF 100 controls the spread of bacteria, mold, and fungi that cause machine tool coolant to spoil by sterilizing living cells and preventing the growth of future colonies. Cost savings through lower disposal costs, added time for maintenance to perform other tasks, and reduced machine downtime are also a significant benefit of the ASF 100.

Inauvate's ASF 100 is a chemical free system that reduces the need to add traditional harsh chemicals or odor reducing agents to coolant. This is especially useful in heavily-regulated industries and locales, where common industrial chemical additives may be prohibited. The chemicals can also break down rust inhibitors present in coolant causing premature rust in the machine and parts being machined. Reducing the bacteria count and need for chemicals will increase shop cleanliness and promote a healthier working environment.



**The ASF 100 is a chemical free UV system that sterilizes the bacteria that cause coolant to spoil.**



**Using the ASF 100 will reduce environmental waste and the need to use chemical additives and promote a cleaner and healthier workplace.**

# Product Comparison



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