

Save money with cleaner coolant

Why the ASF 100?

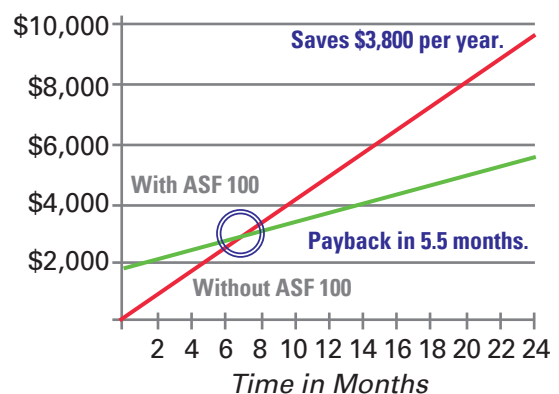
- Extends coolant life reducing need for change outs.
- Pays for itself in months not years.
- Chemical free UV sterilization system with customizable filtration.
- Promotes a cleaner and healthier work environment.
- Built-in electronics for customizable operation.
- Ideally suited for machine tools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

The **ASF 100** pays for itself in months not years¹

Coolant Cost	7% of 480 gal, 33.6 gal at \$25.00/gal	\$840/yr
Coolant Disposal	480 gal at \$2.00/gal	\$960/yr
Machine Downtime	16 hrs at \$100/hr	\$1,600/yr
Maintenance Labor	16 hrs at \$25/hr	\$400/yr
Total savings per machine per year		\$3,800/yr*
MSRP of ASF100-20H		\$1,997
Payback Period		5.5 months



¹ Cost savings are calculated for a single machine with a 120 gallon sump. The ASF 100 eliminates four out of five change outs per year saving 480 gallons of coolant plus additional disposal costs. The concentration of coolant is assumed to be 7% and machine downtime and labor is estimated to be 4 hours per occurrence.

*Note – Costs and payback period will vary based on the user's actual costs and operating environment. **Get your free custom payback assessment by visiting inauvate.com/payback.**

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

	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"

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.