



2023 Destroyer Winery Ozone Sanitation Systems

The Destroyer Sanitation Systems are McClain's smallest upgradable "ozone on demand" sanitation systems and are the perfect introductory mobile systems. The Destroyer Series sets the standard for compact mobile "ozone-on-demand" sanitation systems and are the world's most popular sanitation system for small to medium sized wineries. The Destroyer Series provides the same quality construction, exceptional reliability, application flexibility and upgradability as McClain's larger systems at an attractive price point.



The Destroyer Series is made up of 4 systems with ozone outputs of 3, 7, 14, and 21 grams per hour allowing clients to cost effectively size a system to their aqueous and gaseous sanitation requirements. Because all customer facility and application needs are not the same (one size does not fit all), McClain sanitation systems incorporate our "Build It Your Way!" philosophy. With this philosophy, clients (with McClain's assistance) can cost effectively build a Destroyer with the ozone output, options and safety requirements which best suit their facility and applications.

Destroyer Options Available

McClain Gas Strip/Destruct Safety System (GSDS) - The McClain state of the art safety system is the result of over twenty-five years of designing and building ozone systems to emphasize work place safety. The system removes and destroys excess ozone gas providing both a safe work environment for employees and bubble free ozonated water to the application.

Ozone and Oxygen Gas Option - This option allows the user to pull direct ozone or medical grade oxygen gas (without water) from the sanitation system. Ozone gas is effective in controlling air born spoilage organisms, cellar mold, fruit flies and barrel storage (vs. SO₂). Oxygen gas can be utilized wherever medical grade oxygen is needed including micro-oxidation.

Enhanced Barrel Gassing Option - This option speeds up the barrel gassing process reducing time and labor.

Cart Mounted Safety Monitoring System - This safety option automatically monitors the ozone system for leaks. In addition, it monitors for ozone in the immediate area surrounding the cart. If ozone is detected the system is shut down and the operator is visually notified.

High Flow / Low Flow Option - This option provides a high flow and a low flow injection system so that the system can inject ozone at a broad range of flow rates. The option works well for low flow applications such as bottle washing as well as high flow applications such tank sanitation (0.7 – 30 gpm).

Low Flow Option – This option works well for low to medium flows (0.7 – 15 gpm).

Enhanced Barrel Sanitation Option –The McClain Enhanced Barrel Sanitation Option allows the client to take the gas strip and destruct safety system off line when doing wooden containers (barrels) improving sanitation effectiveness.

Ozone Output Control Option – This option allows the operator to increase or decrease the amount of ozone being generated.

Automated Sleep Mode – This option automatically put system in Sleep Mode after extended nonuse (time factory set). This saves system components from unnecessary operation hours and component wear.

Let Us Help You Sanitize Organically!

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2023 Destroyer System Specifications	
Specifications	
Supply Water (10 to 70 psi)	Destroyer 3 – 3.5 to 10 gpm / Destroyer 7 – 3.5 to 10 gpm / Destroyer 14 – 3.5 to 15 gpm / Destroyer 21– 3.5 to 20 gpm ⁴
Ozone Output – grams/hour	Destroyer 3 – 3 gr/hr / Destroyer 7 – 7 gr/hr Destroyer 14 – 14 gr/hr / Destroyer 21 – 21 gr/hr
Ozone Concentration in Water (Real World ¹ / Theoretical Maximum ²)	Destroyer 3–2 – 2.5 ppm ¹ /2.5 ppm ² // Destroyer 7–2.5 to 4.0 ppm ¹ /4.0 ppm ² // Destroyer 14–3.5 to 5.0 ppm ¹ /5 ppm ² // Destroyer 21–4.5 to 6.0 ppm ¹ /9 ppm ²
Cabinet Material	Aluminum
Warranty	Ozone Generator - 3 Years / Complete System – 1 Year
Standard Features and Available Options	
ON/OFF; Diagnostic Lights /Meters	Standard Feature
McClain Gas Strip and Destruct Safety System (GSDS)	\$2,200
Ozone and Oxygen Gas Option	\$700
Enhanced Barrel Gassing Option	\$410
Cart Mounted Safety Monitoring Option	\$1370 ³
High Flow/Low Flow Option	\$1,690 ³
Low Flow Option	\$1,540 ³
Enhanced Barrel Sanitation Option	\$410 ³
Ozone Output Control Option	\$250
Automated Sleep Mode	\$435
Stainless Steel Cabinet	\$950
Extended Warranty – 3 Year Complete - Includes one free shipping within the US for service.	\$1,500
Price ⁴	Destroyer 3 - \$8,545.00 / Destroyer 7 - \$9,245.00 Destroyer 14 – \$10,245.00 / Destroyer 21– \$11,245.00

1) Varies by water quality, water flow rate (gpm) and temperature.

2) Concentration assumes 100% mass transfer of ozone to water (which is not possible).

3) Option requires the McClain Gas Strip and Destruct Safety System (GSDS).

4) Prices subject to change. Please call for most recent pricing.

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