



## Destroyer Series 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 food and beverage applications (i.e. wineries, breweries, food processors, agriculture, etc.). The Destroyer Series provides the same quality construction, exceptional reliability, application flexibility and upgradability as McClain's larger systems with a small footprint and an attractive price point.



The Destroyer Series is made up of four systems with ozone outputs of 3, 7, 14, and 28 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 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 / Enhanced Barrel Gassing Option** – This option allows the user to pull direct ozone or 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. SO<sub>2</sub>). Oxygen gas can be utilized wherever medical grade oxygen is needed including micro-oxidation. The Enhanced Barrel Gassing Option is recommended to improve barrel gassing timing.

**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.

**Low Flow Option** - This option allows the system to turn on at a very low water flow rate (0.7 gpm) for applications such as bottle/can washing, foaming, etc.).

**Enhanced Barrel Sanitation Option** – Studies indicate that ozonated water in combination with ozone gas is highly effective in the sanitation of wooden containers including tanks, vats and barrels. Gas strip and destruct systems remove excess gas to prevent off gassing in the workplace when sanitizing tanks, floors, walls, press equipment, etc. The McClain Container Gas Option allows the client to take the gas strip and destruct system off line when doing wooden containers (barrels) thus allowing the extra ozone gas to go into the container (barrel).

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

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McCLAIN OZONE™



## 2018 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 28 – 3.5 to 25 gpm <sup>4</sup>
Ozone Output – grams/hour	Destroyer 3 – 3 gr/hr / Destroyer 7 – 7 gr/hr / Destroyer 14 – 14 gr/hr Destroyer 28 – 28 gr/hr
Ozone Concentration in Water (Real World <sup>1</sup> / Theoretical Maximum <sup>2</sup> )	Destroyer 3 – 2 ppm <sup>1</sup> / 2.5 ppm <sup>2</sup> // Destroyer 7–2.0 to 3.5 ppm <sup>1</sup> /3.5 ppm <sup>2</sup> // Destroyer 14–3.0 to 4.5 ppm <sup>1</sup> /5 ppm <sup>2</sup> // Destroyer 28–5.5 to 6.5 ppm <sup>1</sup> /12 ppm <sup>2</sup>
Cabinet Material	Aluminum
Warranty	Ozone Generator - 3 Years / Complete System – 1 Year
Standard Features	
ON/OFF; Diagnostic Lights /Meters	Yes
Available Options and Cost	
McClain Gas Strip and Destruct Safety System (GSDS)	Yes (USD\$2,000)
Ozone and Oxygen Gas Option	Yes (USD\$700)
Ozone and Oxygen Gas Option with Enhanced Barrel Gassing	Yes (USD\$850)
Cart Mounted Safety Monitoring Option	Yes (USD\$765) <sup>3</sup>
Low Flow Option	Yes (USD\$1,000) <sup>3</sup>
Enhanced Barrel Sanitation Option	Yes (USD\$410) <sup>3</sup>
Ozone Output Control Option	Yes (USD\$250)
Stainless Steel Cabinet	Yes (USD\$500)
Extended Warranty – 3 Year Complete	Yes (USD\$1,000)
Price <sup>5</sup>	Destroyer 3 - USD\$7,350.00 Destroyer 7 - USD\$8,350.00 Destroyer 14 - USD\$9,350.00 Destroyer 28 - USD\$10,350.00

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) Low Flow Option 3.5 to 20 gpm. 5) Prices subject to change. Please call for most recent pricing.

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