



## 2018 Bugbuster System Specifications



### Bugbuster Series Ozone Sanitation Systems

The Bugbuster Sanitation Series sets the industry standard for mobile “ozone-on-demand” sanitation systems. Since it was introduced by McClain, the Bugbuster Series has become the world’s most popular sanitation system for medium to large sized food and beverage applications. The Bugbuster Series quality construction, exceptional reliability, application flexibility and upgradability provide the ultimate in design and usability. The Bugbuster Series is made up of four systems with ozone outputs of 28, 42, 56 and 70 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 Bugbuster with the ozone output, options and safety requirements which best suit their facility and applications.

### Bugbuster Standard Features and Options Available

#### Options Available

**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.

**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.

**Cart Mounted Safety Monitoring Option** - 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 and High Flow/Low Flow Options** – The Low Flow Option (0.7 – 20 gpm) allows the system to turn on at a very low water flow rate (i.e. bottle/can washing, foaming, etc.) while restricting some high flow applications (i.e. tank washing, multiple barrel rinsing). The High Flow / Low Flow Option (0.7 – 35 gpm) expands the capability for both high flow applications.

**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) thus allowing the extra ozone gas into the container (barrel) improving sanitation effectiveness.

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

**Touchscreen Control Option** – This option upgrades the system to a PLC (programmable logic circuit) touch screen control.

<b>Specifications</b>	
Supply Water - 3.5 to 35 gpm @ 10 to 70 psi	Bugbuster 28 / 42 / 56 / 70
Ozone Output – grams/hour	Bugbuster 28 – 28 gr/hr / Bugbuster 42—42 gr/hr / Bugbuster 56—56 gr/hr / Bugbuster 70—70 gr/hr
Ozone Concentration in Water @ 10 gpm Measured with O <sub>3</sub> Test Kit <sup>1</sup> Theoretical Maximum <sup>2</sup> (Assumes 100% mass transfer of ozone to water – see <sup>2</sup> below)	Bugbuster 28 – 5.5-6.5 ppm <sup>1</sup> / 12 ppm <sup>2</sup> Bugbuster 42– 6.5-8.0 ppm <sup>1</sup> / 18 ppm <sup>2</sup> Bugbuster 56– 7.5-9.0 ppm <sup>1</sup> / 25 ppm <sup>2</sup> Bugbuster 70—8.5-11.0 ppm <sup>1</sup> / 31 ppm <sup>2</sup>
Cabinet Material	Stainless Steel
Warranty	Ozone Generator - 3 Years / Complete System – 1 Year
<b>Standard Features and Available Options</b>	
ON/OFF; Diagnostic Lights /Meters	Standard Feature
Ozone and Oxygen Gas Option	Yes (USD\$700)
Ozone and Oxygen Gas Option with Enhanced Barrel Gassing	Yes (USD\$850)
McClain Gas Strip and Destruct Safety System (GSDS) Option	Yes (USD\$2,000)
Cart Mounted Safety Monitoring Option	Yes (USD\$765) <sup>3</sup>
Enhanced Barrel Sanitation Option	Yes (USD\$410) <sup>3</sup>
Low Flow Option	Yes (USD\$1,000) <sup>3</sup>
High Flow / Low Flow Option	Yes (USD\$1,250) <sup>3</sup>
Ozone Output Control Option	Yes (USD\$250)
Touch Screen Control System (PLC)	Yes (USD\$2,000) <sup>3</sup>
Ozone Output Upgrade Option	Bugbuster 28, 42 and 56—Yes / Bugbuster 70—No
Extended Warranty – 3 Year <sup>4</sup>	Yes (USD\$1,500) <sup>4</sup>
Price <sup>5</sup>	Bugbuster 28 , USD\$10,850.00 / Bugbuster 42—USD\$12,350.00 Bugbuster 56—USD\$13,850.00 / Bugbuster 70—USD\$15,350.00



- 1) Measurable using aqueous ozone test kit. Concentration varies by water quality, water flow rate (gpm) and temperature.  
 2) This concentration assumes 100% mass transfer of ozone to water which does not occur under standard conditions.  
 3) Option requires the McClain Gas Strip and Destruct Safety System (GSDS). 4) Includes one round trip shipping to the factory from within the United States if required. 5) Prices subject to change. Please call for most recent pricing.

**Let Us Help You Sanitize Organically!**

