

# Discharge Ozone Systems

Capacity: 1 Gram/Hour to 30 Gram/Hour

# OMATCH 100

## Series

We took our most popular ozone generators and combined them with all the ancillary components that make up the perfect system. The Omatch series from Enviromatch is designed to make ordering the properly sized and designed package as simple as possible.

Ozone is the most powerful oxidizer commercially available, up to 1.5 times stronger and many times faster acting than chlorine, and is unmatched as a disinfectant. Unlike traditional sanitizers, ozone is produced on-site with equipment that can easily be sized to meet any requirement. Ozone-enriched-water (OEW) not only sanitizes surfaces on contact but is completely safe. Ozone also leaves no harmful residue in water to harm the environment.

The Omatch series of ozone systems from Enviromatch are perfect for many applications including industrial waste water, Bottled water and smaller commercial pools.



Omatch 100 skid mounted optional

## STANDARD FEATURES

- + Compact, wall-mounted
- + Automatic control
- + Air cooled
- + Backflow prevention
- + Check valve assembly
- + LED display
- + 6" injector manifold
- + Air preparation

## APPLICATIONS

- + Residential swimming pools
- + Commercial spas
- + Residential well water
- + Bottled water
- + Waste water
- + Commercial laundry
- + Water features
- + Aquaculture
- + Problem Water

## BENEFITS

- + Better Sanitation – Complete disinfection on contact
- + Eliminates odors – Powerful, but safe, oxidation
- + Saves money – Reduces or eliminates chemical use
- + Saves time – Disinfectant produced on-site (no storage, mixing or handling of chemicals)
- + Protects the Environment – Ozone reduces wastewater pollutants

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Series



Model No.: OM1-6

## SPECIFICATION

SYSTEM COMPONENTS	ELECTRICAL	OZONE OUTPUT
<b>OM1-1</b> <ul style="list-style-type: none"> <li>ozone generator</li> <li>Manifold</li> <li>Check-valve assembly</li> </ul>	120V 60Hz, 1.6 amps 220V 50Hz, 0.94 amps 240V 60Hz, 0.80 amps	1.0 gram per hour @ 60 SCFH 0.1% concentration by weight
<b>OM1-2</b> <ul style="list-style-type: none"> <li>ozone generator</li> <li>Built-in air dryer</li> <li>Gauge Assembly w/Vacuum Switch</li> <li>Vacuum break</li> <li>Injector manifold</li> <li>Check-valve assembly</li> </ul>	Universal 90-250V, 47-63Hz, 2.2-0.8 amps	1.3 gram per hour @ 4 SCFH 1.0% concentration by weight
<b>OM1-3</b> <ul style="list-style-type: none"> <li>ozone generator</li> <li>Built-in air dryer</li> <li>Gauge Assembly w/Vacuum Switch</li> <li>Vacuum break</li> <li>Injector manifold</li> <li>Check-valve assembly</li> </ul>	Universal 90-250V, 47-63Hz, 2.6-1.0 amps	2.6 gram per hour @ 8 SCFH 1.0% concentration by weight
<b>OM1-4</b> <ul style="list-style-type: none"> <li>ozone generator</li> <li>oxygen concentrator</li> <li>Electrical Interface Box</li> <li>Gauge Assembly w/Vacuum Switch</li> <li>Vacuum break</li> <li>Injector manifold</li> <li>Check-valve assembly</li> </ul>	120V 60Hz, 3.83 amps 220/240V 50/60Hz, 2.1 amps	4.0 gram per hour @ 4 SCFH 3.0% concentration by weight
<b>OM1-5</b> <ul style="list-style-type: none"> <li>ozone generator</li> <li>AD40-air dryer</li> <li>Gauge Assembly w/Vacuum Switch</li> <li>Vacuum break</li> <li>Injector manifold</li> <li>Check-valve assembly</li> </ul>	120V 60Hz, 3.8 amps 220/240V 50/60Hz, 2.6 amps	5.6 gram per hour @ 7 SCFH 1.0% concentration by weight
<b>OM1-6</b> <ul style="list-style-type: none"> <li>ozone generator</li> <li>oxygen concentrator</li> <li>Electrical Interface Box</li> <li>Gauge Assembly w/Vacuum Switch</li> <li>Vacuum break</li> <li>Injector manifold</li> <li>Check-valve assembly</li> </ul>	120V 60Hz, 4.25 amps 220/240V 50/60Hz, 2.28 amps	8.0 gram per hour @ 8 SCFH 3.0% concentration by weight
<b>OM1-7</b> <ul style="list-style-type: none"> <li>ozone generator</li> <li>oxygen concentrator</li> <li>Vacuum break</li> <li>Injector manifold</li> <li>Check-valve assembly</li> </ul>	120V 60Hz, 4.2 amps 220/240V 50/60Hz, 2.25 amps	15.0 gram per hour @ 7.5 SCFH 5.0% concentration by weight
<b>OM1-8</b> <ul style="list-style-type: none"> <li>ozone generator</li> <li>oxygen concentrator</li> <li>Vacuum break</li> <li>Injector manifold</li> <li>Check-valve assembly</li> </ul>	120V 60Hz, 5.1 amps 220/240V 50/60Hz, 3.3 amps	30.0 gram per hour @ 15 SCFH 5.0% concentration by weight

**NOTES:**

- Other peripheral equipment may be required with the Omatch Series systems such as a, contact vessel, off-gas vent, off-gas destruct systems.
- The Omatch Series packages are available with 684 (7-14 gpm), 978 (15-40 gpm), and 1583 (30-80 gpm) injector manifolds. Specify injector required when ordering.



**EnviroMatch, Inc.**  
Water and Wastewater Treatment Systems

41601 Cherry Street #B  
Murrieta, CA 92562, USA  
www.enviromatch.com

Tel: +1-949-340-2715  
Fax: +1-949-340-2060  
sales@enviromatch.com

**Exclusive Agent:**