

# Ozone Swimming Pool Systems



## WHAT YOU SHOULD KNOW ABOUT YOUR POOL

Although chlorine is widely used as a disinfectant for swimming pools and spas it is not the best or the healthiest alternative for treating pool water. Here are some facts you should be aware of.

- ◆ Chlorine reacts with organic waste to form highly toxic and carcinogenic compounds. High concentrations of these toxins cause red eyes, rashes, and other health complications. The skin represents the largest organ in the body and is capable of absorbing large quantities of these toxins
- ◆ Many of the world's largest and most prestigious pools are treated with ozone as a primary disinfectant and some countries have adopted ozone as their standard disinfectant
- ◆ Ozone leaves no toxic residuals in treated water and is up to 3000 times more powerful as a bacteria killer than chlorine
- ◆ Dissolved ozone is not known to cause any adverse health effects

## THE BENEFITS

- ◆ Reduce chemical costs by 50% or more
- ◆ Stabilize pH
- ◆ Eliminate the smell of chloramines
- ◆ Reduce Maintenance
- ◆ Reduce chemical handling
- ◆ Eliminate rashes, eye irritation, hair damage
- ◆ Improve water clarity
- ◆ Create a healthier pool.



## General System Description:

The Pool systems come complete with ozone generators, air preparation systems, re-circulation pumps, ozone side stream injectors, gas separators, ozone de-



## Specifications for Pools Below 600 m<sup>3</sup>

MODEL	SP5	SP10	SP20	SP30	SP40	SP60
Pool Size (m <sup>3</sup> /USgal)	75/20,000	150/40,000	300/80,000	450/120,000	600/160,000	900/240,000
Ozone (gr/hr)	5	10	20	30	40	60
Flow (usgpm)	55	110	220	330	440	660
Pipe Size (inches)	1.5"	2"	3"	3"	4"	6"
Energy (Ozone)	50w	200w	400w	600w	800w	1200w
Pump Size (usgpm)	10	30	60	85	110	165
Energy (Pumps -1 Ph)	¾ HP 115/230v	1 HP 115/230v	1 ½ HP 115/230v	2 ½ HP 230v	3 HP 230v	2 x 2 HP 115/230v
Energy (Dryer)	80w	80w	160w	240w	320w	480w

## Pools above 1200 m<sup>3</sup>

MODEL	SP80	SP100	SP120	SP140	SP150	SP160
Pool Size (m <sup>3</sup> )	1200	1500	1,800	2,100	2,250	2,400
Pool Size (USgal)	320,000	400,000	480,000	560,000	600,000	640,000
Ozone (gr/hr)	80	100	120	140	150	160
Flow(usgpm)	880	1100	1,320	1,550	1,660	1,770
Pipe Size (inches)	6"	6"	8"	10"	10"	10"
Energy (Ozone)	1600w	2000w	2400w	2800w	3000w	3200w
Pump Size(usgpm)	220	280	340	400	430	460
Energy (Pumps-1 Ph)	2 x 3 HP 115/230v	3 x 2 1/2 HP 115/230v	2 x 5 HP 115/230v	2 x 5 HP 115/230v	2 x 7 1/2 HP 115/230v	2 x 7 1/2 HP 115/230v
Energy (Dryer)	640w	800w	960w	1120w	1200w	1280w



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