

# GEMAS HYDROZONE Corona Discharge

## COMPACT OZONE SYSTEMS

In the ozone capacity requirement of 10 gr/h and higher, the ozone system must be installed with; oxygen concentrator, ozone resistant deozone contact tank, automatic gas discharge valve and excessive ozone-destructive filter. Below you can see the package systems that are easy to install existing pools.



Water Trap



Static Mixer

## Product Information:

Description	Code
HOZ CDP_10, 10 gr/h - 2" connection	06424P
HOZ CDP_20, 20 gr/h - 2" connection	06425P
HOZ CDP_50, 50 gr/h - 3" connection	06427P

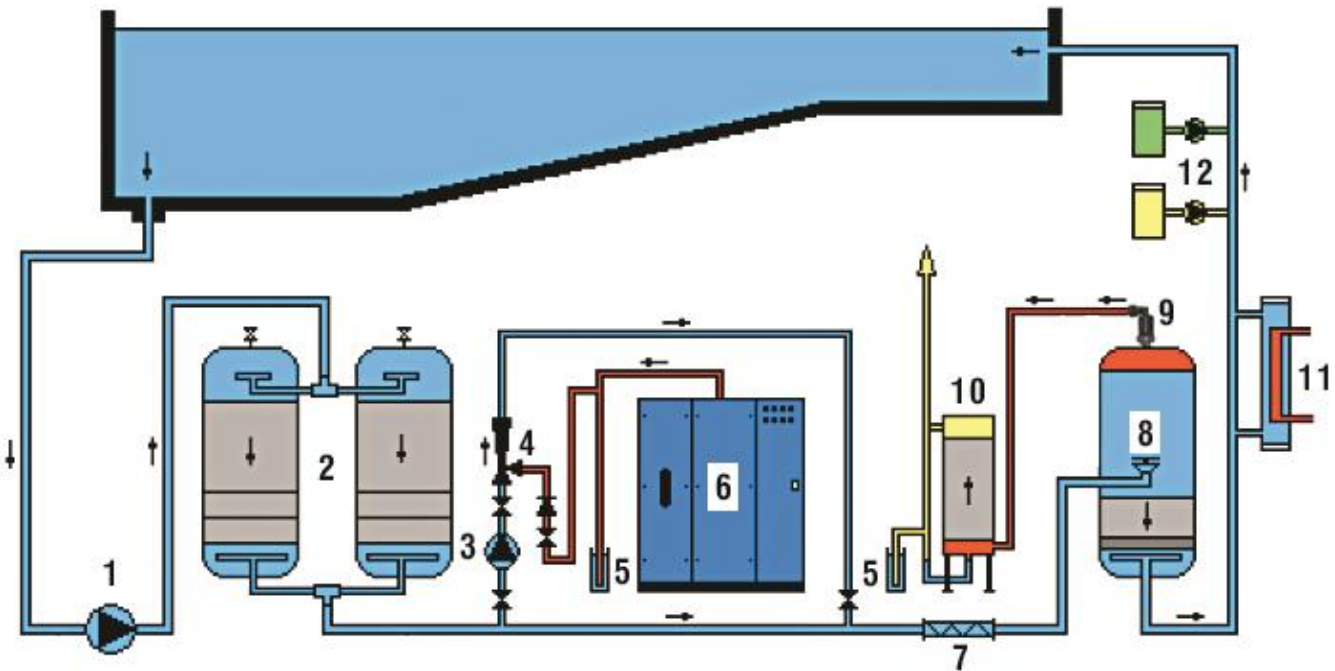
Ozone Capacity (g/h)	Pool Flow Rate (m <sup>3</sup> /h)		Recommended Pool Volume (m <sup>3</sup> )		Contact + Deozoneator Ø (mm)-h (mm)
	Partial Flow	Full Flow	Partial Flow	Full Flow	
10	75	15	375	75	Ø615-1550
25	150	25	750	150	Ø1250-2500
40	200	40	1000	200	Ø1400-2500
50	250	50	1250	250	Ø1400-2500
(Average Circ Time: 5 Hrs.)					

Note: Above values must increase %10 for indoor pools.

#### OZONE DOSAGE:

Up to 32°:	0,8 g/m <sup>3</sup> per system flow (For middle busy pool)
	1,0 g/m <sup>3</sup> per system flow (For busy pool)
Above to 32°:	1,2 g/m <sup>3</sup> per system flow (For middle busy pool)
	1,5 g/m <sup>3</sup> per system flow (For busy pool)
Ozone Contact Time:	2 min.
Active Carbon Dept:	Min. 500 mm

## Full flow OZONE SYSTEM: with contact + deozoneation tank



- |                          |                                 |                              |
|--------------------------|---------------------------------|------------------------------|
| 1- Pool Circulation Pump | 5- Water Trap                   | 9- Automatic Discharge Pump  |
| 2- Sand Filter           | 6- Ozone Generator              | 10- Discharge Ozone Filter   |
| 3- Jet Pump              | 7- Static Mixer                 | 11- Pool Heater              |
| 4- Ozone Injector        | 8- Contact + Active Carbon Tank | 12- Pool Disinfection System |