



Dear Customer,

Warmest greeting from **BENINGpool**.

Our company main concern is **healthy water for swimming pool** as we believe that many people use swimming as a way to get fit. Well maintained pool – resulting with clean and fresh water - will give comfort to people while they're using the swimming pool.

For many years, Chlorine has been perceived as the only way to disinfect water for swimming pools. Many homes, villas, hotels use Chlorine as a main choice to treat pools. However, this method widely known to irritate eyes, makes our skin dry, and causes brittle hair.

Besides, we also know that Chlorine is not environment friendly. It is toxic to consume and it participates in earth's ozone erosion.

BENINGpool offers you a solution that will reduce 95% of total chemical usage for your pool treatment using **Healthy Pool IONIZER**. Healthy Pool IONIZER has been provided for wide range of clients, inside and outside Bali, since 2008. We are confident that Healthy Pool IONIZER will improve your water quality more efficiently.

Healthy Pool IONIZER is a system that can **greatly reduce not only the amount of chlorine, but also other chemical used to treat pool, like HCL and soda etc.**

BENINGpool

Representative office:

Ecosmart HUB Building, Jl Sunset Road No 1 (after
Dijon kafe),kuta, Bali 80361

Email : info@ecosmarthub.com

Telephone : 0361 – 752 133 / 0811 3960 5497

Benefits from this product are:

1. Environmental friendly
2. Reducing overall chemical usage (95% less chemicals use, including Chlorine)
3. Killing germs, viruses, and algae (bahasa: lumut)
4. Safe for people, pets, and plants (can be used for fish pond too!)
5. Low power (12 Vamp DC)
6. Reducing pump-hour
7. Reducing the frequency to back wash
8. NO SALT
9. Low maintenance
10. Always clear and clean water (even when rains)

Ionizer vs. Other Methods

No.	Items	BENING Pool Ionizer	Conventional Chlorine Method	Salt Chlorinator
1.	Working on certain water pH only	X (works on wide range of water pH)	V	V
2.	Need Chlorine	V (only 5-10% of regular usage)	V	V
3.	Backwash frequency	1x/2 weeks (once every two weeks)	2-3x/week	2-3x/week
4.	Environmental friendly	V (reducing water waste, chemicals, electricity, etc)	X (waste water due to frequent backwash, high-dosage chemicals)	X (waste water due to frequent backwash, high-dosage chemicals)
5.	The quality of water backwash residue	Can be used for watering garden	Prompt disposal	Prompt disposal
6.	Electricity	12 W (like a battery)	X	Min 250 W
7.	Pump hour	6-8 hours	8-12 hours	8-12 hours
8.	Need additional attention during special weather condition (rain/hot season)	X	V (need to check water pH and add more chemicals if needed)	V (need to check water pH and add more chemicals if needed)
9.	Lab proven chlorine trace below maximum level	V	X (higher)	X (higher)
10.	Warranty	V 3 years warranty, 100% part & labour	X	? (ask your supplier)

BENINGpool**Representative office:**

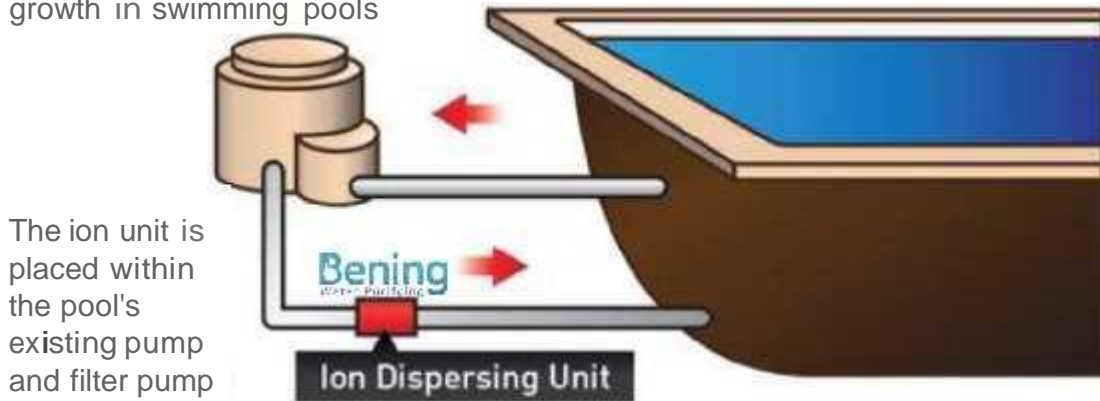
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How ionization purifies pool water

ionization is described as a safe, nonirritating, process that replaces the use of chlorine in controlling algae and bacteria growth in swimming pools



Ion Dispersing Unit

Copper and Silver ions are released into the water. Each electrode in the chamber is made of a mixture of both metals.

Positive and negative charges are applied from a low-voltage (12 volt) transformer.



Copper Ion

Silver Ion

How Ions Attack Microbes

Ions are electrical charged atoms. With *copper-silver ionization*, copper ions target algae, while silver ions kill bacteria and viruses. The ions bind with the debris and are removed in the Pool Filter.

The picture of IONIZER machine:



Sample of results:



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Certificate of safety usage:

	LABORATORIUM KALIBRASI PT. GRAHA CIPTA ABADI CALIBRATION, MATERIAL - TESTING, QUALITY CONSULTANT & MAINTENANCE Komplek Alhikmah Sangkurung, Jl. Karon No. 8 A Cimahi - Bandung 40111 Telp. 022 - 8851553 Fax. 022 - 8829580 E-mail : grahaciptaabadi@bdg.cerbin.net.id	 KAN Komite Akreditasi Nasional LABORATORIUM KALIBRASI LK-086-ION
Page 1 of 2	CALIBRATION CERTIFICATE NO : 39/GCA-KAL/X/2010	
Order Number	: 39/GCA-KAL/X/2010	
Owner	: CV. BENING BALI UTAMA	
Address	: JL. GUNUNG SARI I/1 DENPASAR BALI	
Equipment Name	: H2O4L SYSTEMS (IONIZER)	
Capacity	: 500 mA/24 V DC	
Code/Type	: 500-24/H2O4L	
Calibration Date	: 01 OCTOBER 2010	
Environment condition of calibration	: TEMPERATURE : 22° C RH : 60 %	
Calibration Method	: INSTRUCTION MANUAL	
Calibrator	: - MULTI TESTER CALIBRATOR FLUKE 5700 A - AMPLIFIER FLUKE 5725	
Traceable to	: KIM LIPI	
Report	: SAFE FOR DAILY USE	
	Name : Ir. Hadi Sularyo Technical Manager to Deputy	

Besides Healthy Pool IONIZER tool, we also **provide service:**

1. Healthy Pool CONTRACT SERVICE

Have **BENINGpool** technician to come and check your Healthy Pool IONIZER and your pool regularly, 1x per month for a year (12 times).

2. Healthy Pool MAINTENANCE

Pool maintenance by **BENINGpool**:

- Cleaning/vacuum from 2x per week up to daily
- Backwash as needed
- Regular machine check

Some of our projects are:

- Villa Kayu Putih, Singaraja
- Villa Awang - Awang, Ubud
- Villa Fortuna, Ubud
- Villa The Mantra, Tabanan
- Villa Palms, Eco Beach
- Dasawana Resort, Karangasem
- Aquaria Hotel, Candidasa
- Villa Taman Surga, Jl. Nakula – Seminyak
- Laurent Hotel, Seminyak
- Blue Karma Hotel, Seminyak
- Yarras Villa, Gang Keaton – Seminyak
- The Chill House, Canggu
- Villa Pondok Batu, Canggu
- Villa Aurora, Jimbaran
- Home Sweet Home Bali, Goa Gong
- Uluwatu Peak, Uluwatu
- Sunhill Bali Resort, Balangan
- Budi's Pool Supplier & Contractor, Jl. Cokroaminoto
- PT Little Tree/EcoSmart, Sunset Road
- etc

Should you need any further assistance of our products, please feel free to contact us at your most convenient time.

Best Regards,

Our Store

0361 – 752 133 / 0811 3960 5497

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