

**2008**



**Smart Water Purification for swimming pools**

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## Smart water purification for swimming pools



*“High-quality pool water at low operating costs”!*

**For several years The Josab Aqualite™ System have been in use in many public baths and private swimming pools throughout Sweden and Denmark.**

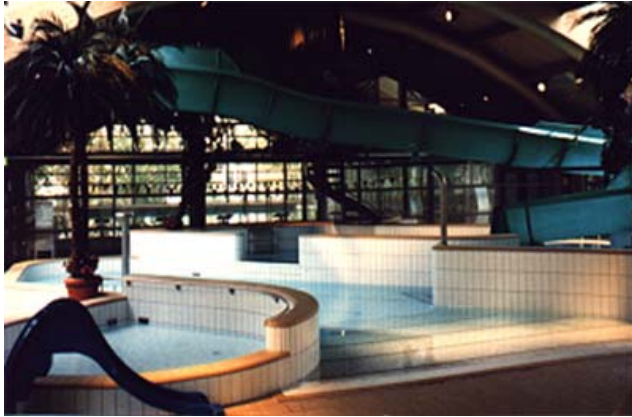
**The system exhibits a series of features that are beneficial for pool water treatment. The efficiency of the purification method provides a much higher water quality without the eternal scourge of chloramines in swimming pools.**

**The system reduces ammonia, which hampers the formation of chloramines.**

**Furthermore, the filter media, called Aqualite™, has a much lower cut-off than traditional sand/carbon resins (1-2 micron vs. 25-50 micron), which means less visible and invisible dirt. Put these two parameters together and you will have pool water that is much clearer and doesn't have that unpleasant stench of chlorine giving you skin- and eye irritation!**

**As an extra bonus, The Josab Aqualite™ System also helps you reduce the operating costs with as much as 50 %!**

## High-quality pool water!



*“The pool water is  
so clear”!*

In swimming pools the risk of bacteria colonies caused by bathers is usually avoided by adding chlorine in the water. A part of the added chlorine will react with the ammonia in the water and form chloramines. The chloramines are the cause of that unpleasant stench of Chlorine and are also the cause of skin- and eye irritation, which sometimes keep people away from the pool. Traditionally, dilution is the solution to keeping the level of chloramines at an acceptable level, but many times the solution is not efficient enough. Since the filter media Aqualite™ adsorbs a large part of the ammonia in the water the formation of chloramines will be kept at a minimum and thus reducing the need for dilution and the dosing of chlorine considerably.

Adding a higher efficiency on particles, hair, skin etc to the equation will give a much better result in the end. By using The Josab Aqualite™ System as the water purification method the pool water quality will improve substantially.

Why settle for second best?

## Reduced operating costs!



*“Reduces pool water treatment costs with as much as 50 %”!*

Keeping the pool water quality at a high level costs a lot of money. By using The Josab Aqualite™ System the operating costs can be reduced by as much as 50%. The reduction comes from, first of all a reduced need of backwashing- and diluting water. Experience show that the reduction in water consumption saves a lot of money not only by saving water it also saves money by using less energy for heating. In addition to this, one can add the reduction in chemicals. The water quality will be much better while you save money. It's a win-win situation!

Below some examples of savings compared to traditional systems with sand filters:

Water consumption in m3 per week		Sand	Aqualite™	Saving
Swimming pool 700 m3, 28 deg C	Backwashing	60	30	30
	Diluting	42	14	28
Children's pool 60 m3, 34-36 deg C	Backwashing	12	4	8
	Diluting	28	14	14
Water- & chemical consumption in litres per 100 bathers		Sand	Aqualite™	Saving
Children's pool 20 m3, 33 deg C	Water	224	145	79
	Chemicals	1,6	1,0	0,6

## **A pleasant stay in the pool!**



*“The bathing environment is like heaven”!*

The most prominent result when using The Josab Aqualite™ System is that bath guests experience a much more pleasant stay in the pool. With increased water quality and bathing environment the pool area will be much more appealing to people. One of “our” public pools noticed an increase of paying visitors with as much as 40% after having installed The Josab Aqualite™ System. Some people avoid swimming pools because of the chlorine stench and some people even develop allergic reactions to it. With Aqualite™ as the filter media this is no longer an issue. Whether you are looking for a water purification system for the private pool, the hotel pool or the public bathhouse the highest possible quality of water should always be first priority.

With The Josab Aqualite™ System purifying your pool water – you and your guests will always experience a pleasant stay in the pool!