

Water consumption per week in m3

				SAND				AQUALITE				Savings per week			Savings per Year
	Amount	Volume (m3)	Totalt (m3)	Backwash	Diluting	Totalt (m3)	% av total volume	Backwash	Diluting	Totalt (m3)	% of total volume	in m3	in %	in EUR	
Filborna "Racing Pool" 28 deg C	1	700	700	60	42	102	14,57%	30	14	44	6,29%	58	56,86%	€ 174,00	€ 9.048,00
Filborna "Childrens' pool" 30-36 deg C	1	60	60	12	28	40	66,67%	4	14	18	30,00%	22	55,00%	€ 66,00	€ 3.432,00
Lalandia	1	20	20	8	13	21	105,00%	3	12	15	75,00%	6	28,57%	€ 18,00	€ 936,00
Duveholm "High Jump pool" 28 deg C	1	1000	1000	unknown	112	112	11,20%	unknown	77	77	7,70%	35	31,25%	€ 105,00	€ 5.460,00
Duveholm "Childrens' pool" 30-34 deg C	1	55	55	18	53	71	129,09%	9	26	35	63,64%	36	50,70%	€ 108,00	€ 5.616,00
Hjortenbergsbadet "Therapy pool" 35 deg C	1	70	70	42	98	140	200,00%	10	63	73	104,29%	67	47,86%	€ 201,00	€ 10.452,00
Mean Value			318	28	58	86	26,98%	11	34	46	14,34%	29	33,46%	€ 86,00	€ 4.472,00
Examples:															
Pool 1	1	500	500	44	91	135	26,98%	18	54	72	14,34%	63	46,85%	€ 189,61	€ 9.859,53
Pool 1	1	350	350	31	64	94	26,98%	12	38	50	14,34%	44	46,85%	€ 132,72	€ 6.901,67

Note. These examples are only to be used as a guide. Proper calculations must be performed when all parameters are known.

Numbers from public swimming pools have been used as a guide for calculation of backwashing water needed and diluting water needed and how much water consumption that would bring to the examples.

The savings calculated in Euro are based on a water price including heating cost of EUR 3/m3 of fresh water. This is a typical value from the Swedish market and may vary from region to region.

Estimated Water Price in EUR 3

Number of weeks running per year 52