



Josab International AB (Publ), founded in 1997, is a listed company on the Stockholm stock exchange and with headquarters in Stockholm, Sweden. JOSAB manufactures and sells ecological water treatment solutions based on, by the company patented, unique filter material Aqualite™. The company has subsidiaries in Hungary, China and India. In other parts of the world JOSAB has local representatives. JOSAB has delivered water purification plants to locations in Europe, Africa and Asia. JOSAB's ecological water purification plants are recommended by several international bodies.

Organizations and companies using Josab Ecological Aqualite™ System:

- UNICEF
- Red Cross
- UNHCR
- UNMISS
- Save the children
- Regideso Burundi
- IOCC Serbia etc



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JOSAB's WATER VENDING MACHINES

- Combined water purification and vending machine
- Offered as a Kiosk or as an Automatic Vending model
- Capacity of 200, 500 or 1000 liters per hour
- Possibility of cold drinking water
- Advanced purification system based on JOSAB's Ecological Aqualite™ and a UV Sterilizer that meets the WHO's standards for drinking water
- Optional to include other technique (RO)
- Compact design cabinet model for easy installation
- Dispensing possible with Cash card and coins
- Advanced coin detection technique
- Remote monitoring system
- LED screen for advertisement

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JOSAB ECOLOGICAL AQUALITE™ SYSTEM LOW COST HIGH FLOW WATER TREATMENT SOLUTIONS

The JOSAB Ecological Aqualite™ System purifies water using unique methods based on the use of filter housings containing the mineral Aqualite™. This technique provides purification without any chemical additives. Through its adsorption and ion-exchanging properties, Aqualite™ effectively removes heavy metals, radioactive fallout (Cs, Sr), nitrogen compounds, petroleum products, etc.

Protozoa is known to be resistant to chlorine, the JOSAB Ecological Aqualite™ System filters out particles down to the size of 1 micron and removes approximately up to 98% of bacteria and parasites. The addition of UV light allows for a complete removal of, for example, heterotrophs, coliforms and E. coli bacteria, as well as Giardia lamblia and Cryptosporidium. No chemicals are used in the standard purifying process.

ADDITIONAL JOSAB WATER PURIFICATION PRODUCTS STANDARD RANGE

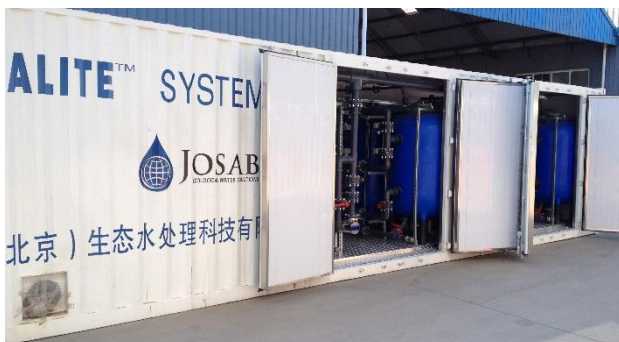
Model	Type (Size in feet) *	Production capacity (m³/day) **	Power Cons. (kWh) ***	Power Consumption (watt per litre of drinking water produced)
SC2700	Container 40 ft	1800 - 3000	36	0,28 - 0,47
SC1800	Container 40 ft	1200 - 2000	24	0,29 - 0,47
SC900	Container 20 ft	600 - 1000	13	0,29 - 0,49
SC500	Container 20 ft	400 - 650	12	0,46 - 0,75
SC100	Container 10/20 ft	100 - 170	3,5	0,41 - 0,69
P100	Modular on pallets	78 - 130	2,5	0,46 - 0,76
P25	Modular on pallets	20 - 33	0,8	0,58 - 0,96
Portable Basic	Handcart	14 - 24	0,8	0,88 - 1,37
Portable Pro	Frame with wheels	10 - 15	0,6	0,96 - 1,44
WK20A	Water kiosk	24	2,5	2,5
WK10A	Water Kiosk	12	2,1	4,25
WD5A	Water Dispenser	5	4,2	20,20

* ISO class sea high cube container. Size based on standard installation. Additional add-ons can give a larger container size.

** Based on 23 hours of production per day and 1 hour of backwashing per day.

*** Standard for a manual unit.

The raw water quality will determine the flow rate through the unit. Influencing factors on the flow rate are particle density and the presence of heavy metals. In all cases the result of the water analyses will determine the recommended flow rate and add-ons.



JOSAB's AQUALITE™

THE SUPERIOR WATER PURIFICATION MATERIAL

The JOSAB Ecological Aqualite™ System uses a product called Aqualite™, a clinoptilolite, which is a natural zeolite with exceptional adsorption capacity. Aqualite™ is found in the Rátka mine, in Northern Hungary. After mining the large blocks of Aqualite™, further production takes place at JOSAB's own new indoor production plant in Szerencs.

Aqualite™ is used in water purification systems, for producing pure drinking water from freshwater sources. Aqualite™ cleans the water in a single step, and the process is entirely free from chemicals. Water purified using Aqualite™ meets the quality demands of WHO's regulation for drinking water.



OPERATION OF WATER VENDING MACHINES

All of JOSAB's Ecological water vending machines can be installed in any place where electricity and water is available. It is simple to install and easy to maintain. Users only need to put in the corresponding amount of coins or swipe the Smart or RF ID-card according to the quantity of water needed. In this way water will be saved and customers are ensured fresh and pure water at any time.

The low price-performance ratio of the water is provided thanks to the technique of water treatment of this machine is complete and mature, ensuring that the quality of finished water reaches the WHO standard.

Coin calibration country wise is done for setting up the programming logic to dispense water according to the requirements of the client.

OTHER TYPES OF WATER VENDING MACHINES

Besides the Water Kiosk on the front cover, JOSAB can also supply other types of Water Vending Machines such as the Water Dispenser. Capacity is 200 liters per hour.

