

MOBILE
DESALINATION
SOLUTION



Fresh Drinking Water

From any Water Source to any Location, Within 20 Minutes



Value from Water



Fluence Provides Fresh Drinking Water to Remote Environment

Fluence mobile water purification units maintain potable water supply following natural disasters and humanitarian crises. We provided emergency drinking water to international relief organizations in the wake of the Indian Ocean tsunami, after flooding in Bangladesh, and for refugees in Kosovo, Albania, and Sudan.

When Disaster Strikes, A Fast Supply of Fresh Water is Critical

Regular sources of water can be disrupted with little warning in situations such as flood, fire, earthquake, drought, and population displacement. Where normal water supply is temporarily unavailable, our mobile water purification units stand ready to provide a constant supply of safe drinking water.

Any Water Source, Anywhere in the World

Mobile units can produce drinking water from almost any source, including seawater, surface water, and brackish water. Produced water meets World Health Organization (WHO) drinking water quality guidelines.

Setup Within 20 Minutes

Our mobile units are designed for fast operation and can be set up quickly and easily by field personnel with minimal technical skills.

Operate and Relocate

Built-in power generators enable independent operation. The self-powered units can be mounted on trailers and skids or transported by truck, boat, or helicopter.



Fast Delivery: 1-5 Units in Stock

Our expertise in designing and manufacturing mobile water purification units enable Fluence to respond quickly in times of crisis. Units can be delivered within days of order, depending on the number of units required.

Our team worked around the clock to deliver 10 seawater desalination mobile units to the Maldives in a record time of 14 days.

Any Water Source

Sea, Brackish, or Surface Water Versatile, multi-source units are suitable for purifying lake, river, and well water, providing potable water around the clock.

Compact Standalone Systems

A typical multi-source mobile unit has a capacity of 500-5,000 L/h (depending on feed salinity). Aside from emergency situations, mobile units serve military forces deployed in areas without reliable fresh water, as well as mining operations in remote locations.

A Typical Multi-Source Unit Consists of:

- Feed pump on a floating pontoon
- Semi-Automatic screen filtration
- Ultrafiltration (UF)
- Reverse Osmosis (RO)
- Disinfection
- Flexible pillow potable
- water tank
- Tap stand
- Quick Connection Piping and Cables
- Onboard diesel- power generator

Model	Caspian	Victoria	Orinoco	Nile	
Water Source	Seawater	Brackish Water	Surface Water	Surface Water	
Potable Water Nominal Capacity, WHO Standard (m ³ /day/gpd)	30/8,000	45/12,000	240/63,500	90/24,000	45/12,000
Population Served (For Emergency)	1,500	2,300	12,000	4,600	2,300
Technology:					
Pretreatment	UF	UF	Screen Filter	Media filter	
Main treatment	SWRO	BWRO	UF	Activated Carbon	
Post treatment	Chlorination	Chlorination	Chlorination	Chlorination	
Dimensions (mm/in)	L (Total)	4,090/161		3,600/141	
* Additional 240 mm height For Optional Bottom Storage Compartments	L	2,750/108		2,250/89	
	W	1,800/71		1,750/69	
	H	2,310/91		2,410/95	
Weight (kg/lb) (Dry Including Trailer & Generator)	2,300/5071	2,200/4850	1,300/2866	1,500/3307	
Power Source	Autonomous Power Generator				
Trailer	Double Axial, Standard NATO Trailer Tow Ring, Standard Rear Lights & Brake, Spare Wheel				
Additional Items (included with all models)	Submerged pump on pontoon potable pillow foldable tank, Drinking Tap Manifold, CIP Unit for Membranes, Spare Parts Kit & Toolbox				
Optional Items	Bottom Storage Compartments, Spare UF & RO Membranes, Grid Power Connection				

About Fluence

Founded in 2017 through the consolidation of water industry leaders Emefcy and RWL Water, Fluence Corporation was established with the vision of becoming the leading global provider of fast to deploy decentralized and packaged water and wastewater treatment solutions. Fluence has experience in operating in over 70 countries worldwide and employs more than 300 highly trained water professionals around the globe. Fluence provides local, sustainable treatment and reuse solutions while empowering businesses and communities worldwide to make the most of their water resources. Fluence

offers an integrated range of services across the complete water cycle, from early stage evaluation, through design and delivery to ongoing support and optimization of water related assets. With core operations in North America, South America, the Middle East and Europe, one of Fluence's main focuses is now expanding into the vast market in China for rural wastewater treatment.

Fluence is a public company traded in the Australian stock exchange (FLC).



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