

# LW - L - TypeG



The "LW- L series- TypeG" is a desalinator driven by a Gasoline Engine that produces fresh drinking water from River, Lake, Pond, well, or Swimming pool by using Reverse Osmosis (RO) technology. It can pump source water from any source

by the Suction Pump and feeds to the Primary and Secondary Prefilters (microfilters). The Pressure Pump puts high pressure on the fed water to the RO modules. The RO membrane in it works to exclude Bacterium, Viruses, and Corpuscles as well as Salinity, Heavy Metals, and Organic Matters. As the result, the " LW- L series- TypeG " is capable of offering Highly Safe Water.

It differs from other LW series in that it utilizes RO membranes for low-pressure applications and uses a low-pressure pump to **increase the volume of produced water**, making it **Weight reduction and miniaturize**.

Therefore, it is not suitable for treating highly concentrated seawater.

\*Highly concentrated seawater can be separated, but the membrane will fail prematurely.

\*Low concentration seawater may be treated. Please contact our Technical Department.

	LW-L350	LW-L-500G
Production capability of Fresh water (at 25°C)	367 L/hour	550 L/hour
Prefiler	Primary Prefilter: 10μ, Secondary Prefilter: 3μ	
Filtration	Reverse Osmosis (RO) Membrane	
RO membrane	2 unit	3 unit
Pump	Source Water Pump (Suction) ×1, RO Pump (Pressure) ×1	
Fuel tank capacity/Consumption	16.0 liters / max 1.5 liter/hour	
Power source / Fuel	Gasoline Engine 170cc, 6.0 hp / Gasoline only	
Dimensions (Approximately).	1280(W) × 640(D) × 730(H) mm	1280(W) × 640(D) × 730(H) mm
Weight (dry condition)	100Kg	110Kg
Accessories	· Raw water hose (with water intake strainer)	7m
	· Treated water hose	5m
	· Concentrated water hose	7m
	· Safety filter cartridge (10μ and 3μ)	1 unit
	· Residual chlorine concentration/PH measuring device	1 unit
	· Equipment cover	1 unit
	· Equipment storage box	1 unit