

LW - TypeD



The "LW-TypeD" is a desalinator driven by a Diesel Engine that produces fresh drinking water from Sea/Ocean, 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-TypeD" is capable of offering Highly Safe Water.

	LW-200D	LW-300D	LW-400D
Production capability of Fresh water (at 25°C)	235 L/hour (Seawater) 333 L/hour (Others)	410 L/hour (Seawater) 505 L/hour (Others)	550 L/hour (Seawater) 675 L/hour (Others)
Prefiler	Primary Prefilter: 10μ, Secondary Prefilter: 3μ		
Filtration	Reverse Osmosis (RO) Membrane		
Size of RO membrane	2 elements	3 elements	4 elements
Source water lift	7 m max/25A		
Pump	Source Water Pump (Suction) ×1, RO Pump (Pressure) ×1		
Fuel tank capacity/Consumption	12 liters		
Power source / Fuel	Diesel Engine 9.5 PS / Diesel fuel only		
Dimensions (Approximately).	1,400(W) × 700(D) × 830(H) mm		1,400(W) × 700(D) × 1000(H) mm
Weight (dry condition)	250Kg	300Kg	342Kg
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