

LW - TypeM

The "LW-TypeM" is a desalinator driven by an Electric motor 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-TypeM" is capable of offering Highly Safe Water.

	LW-200M	LW-300M	LW-400M
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		
Power Device / Power source (OP: Any other voltage is available)	Electric Motor 3φ 200VAC, 50 / 60 Hz / 3.7KW		Electric Motor 3φ 200VAC, 50 / 60 Hz / 5.5KW
Dimensions (Approximately).	1,400(W) × 700(D) × 830(H) mm		1,400(W) × 700(D) × 1000(H) mm
Weight (dry condition)	Approx 255Kg	Approx 297Kg	Approx 339Kg
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