

LIVE WATER LW300D/LW400D

produces
FRESH DRINKING WATER
from several water resources such as
Sea, River,
Lake, Pond,
etc.



Sea



River

LW300D/LW400D



Lake



Pond



Manufacturer & Sales Mtech Co., Ltd.

2005-1 Endo Fujisawa,
Kanagawa Pref. 252-0816
JAPAN

<http://www.mtech-web.co.jp/index.html>

Phone: +81-466-86-6571

Fax: +81-466-86-6572

Dealer

Zen Health, Japan Co., Ltd.

7-31-8-302 Kamitsuruma-Honcho
Minami-ku Sagami-hara,
Kanagawa Pref. 252-0318 JAPAN

Phone/ Fax: +81-42-810-8778

Person in Charge: Osamu Komoto

e-mail: komoto8737@r5.ucom.ne.jp

Seawater Desalinator “LIVE WATER LW300D/LW400D”

The LW300D/400D is a desalinator driven by diesel engine which 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 Corpuscle as well as Salinity, Heavy Metals and Organic Matters. As the result the LW300D/LW400D is capable of offering Highly Safe Water.

Features

- ☆ Top Quality
- ☆ Highly Reliable
- ☆ Flexibility
- ☆ Easy to Operate
- ☆ Low Cost Running
- ☆ Compact size
- ☆ Anti-rust stainless steel frame
- ☆ Caster wheels for mobile portability
- ☆ Outdoor setting
- ☆ Automatic disinfectant injector
- ☆ Emergency engine stop detecting at no source water or clogging of prefilter

Applications

- ☆ Island resorts
- ☆ Fishing and leisure boat
- ☆ Lodges, camps and vacation homes
- ☆ Emergency drinking water

Main Specifications

	LW300D	LW400D
Production capability of Fresh water (at 25°C) Max./day	8,460 liters (Seawater) 12,000 liters (Others)	11,280 liters (Seawater) 16,000 liters (Others)
Prefiler	Primary Prefilter: 10μ , Secondary Prefilter: 3μ	
Filtration	Reverse Osmosis (RO) Membrane	
Size of RO membrane	21 square meters/3 elements	28 square meters/4 elements
Source water lift	5 m max/25A	
Pump	Source Water Pump (Suction) X1, RO Pump (Pressure) X1	
Fuel tank capacity	12.0 liters	
Power source / Fuel	Diesel Engine 9.5 ps / Diesel fuel only	
Dimensions (Approximately).	1400(W) x700(D) x 830(H) mm	1400(W) x700(D) x 1000(H) mm
Weight	300Kg	342Kg

※ Please refer to the specification sheet of the LIVE WATER LW300D/LW400D for more information.

Others

- ✧ Please consult with us if source water is desalted water only. We may find out a more inexpensive method.
- ✧ Production output depends on quality and temperature of source water. There is water out of process. Please consult with us.
- ✧ Information described in this catalog does not guarantee result, safety and adaptability. Please confirm them before use.
- ✧ The specifications and design are subject to change without notice.

There are gasoline (LW300G & LW400G) and electric motor (LW300M & LW400M) models in our product lines, too. Please also discuss about them. □