

*Why not make drinking water from seawater!
Here is the ultimate solution to global water shortage!*



D12000



Red.Crescent



D9000



NGO Oxfam

An apparatus to create drinking water from seawater

Desaliclean™ 2501/9000/12000

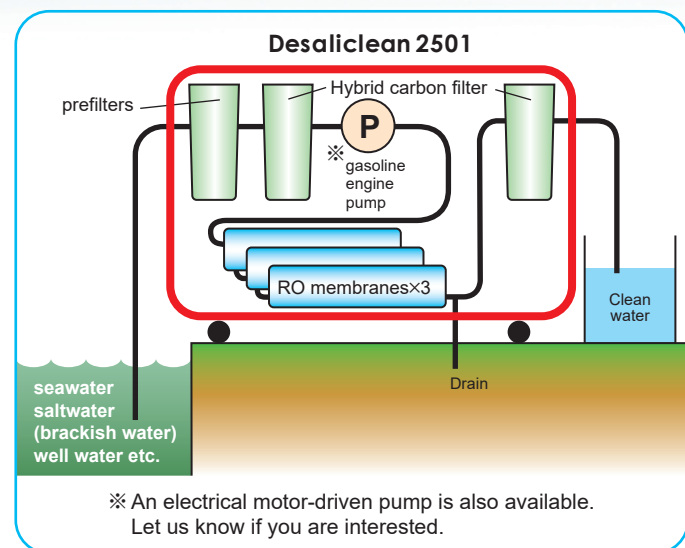
So compact in size with the RO membranes loaded
Designed to carry it anywhere where it is urgently needed.
An ultimate system to purify seawater with power to clean dirt and salt.

- This apparatus loaded with RO membranes can desalinate seawater 500~750 liters at max./hour (about 5 ton/10 hours).(9000/12000)
- The apparatus equipped with a gasoline engine can be operated where there is no electricity.(all model)
- The apparatus equipped on casters is convenient. It is compact and light and mountable on a bicycle trailer. It weighs only 50 kg.(2501)
- **The apparatus also has a distinctive feature of removing arsenic.**(all model)

D2501



NGO Brac



Specifications

Items	Desaliclean 12000	Desaliclean 9000	Desaliclean 2501
Parts for filtering	RO membranes, prefilters, original carbon filters		
Filtering capacity (sea water)	about 600~750 L/h	about 400~500 L/h	about 100 L/h at max.
Power source	gasoline engine		
Size of the fuel tank	nonlead regular gasoline		
	11 L	6.1 L	3.1 L
Operation hours	about 2 hours (about 1,500 L at max.)	about 2 hours (about 1,000 L at max.)	about 2 hours (about 200 L at max.)
Raw water	sea water/salt water(brackish water)/well water		
Use conditions	outdoor (do not leave the apparatus for a long time)		
Outdoor temperature	within 5~40°C		
Outline measure	W 1,700 x D 700 x H 830 mm		W 425 x D 860 x H 575 mm
Outline weight	when dried about 170 kgs,	when dried about 130 kgs,	when dried about 50 kgs,

Specifications may be modified without notice.



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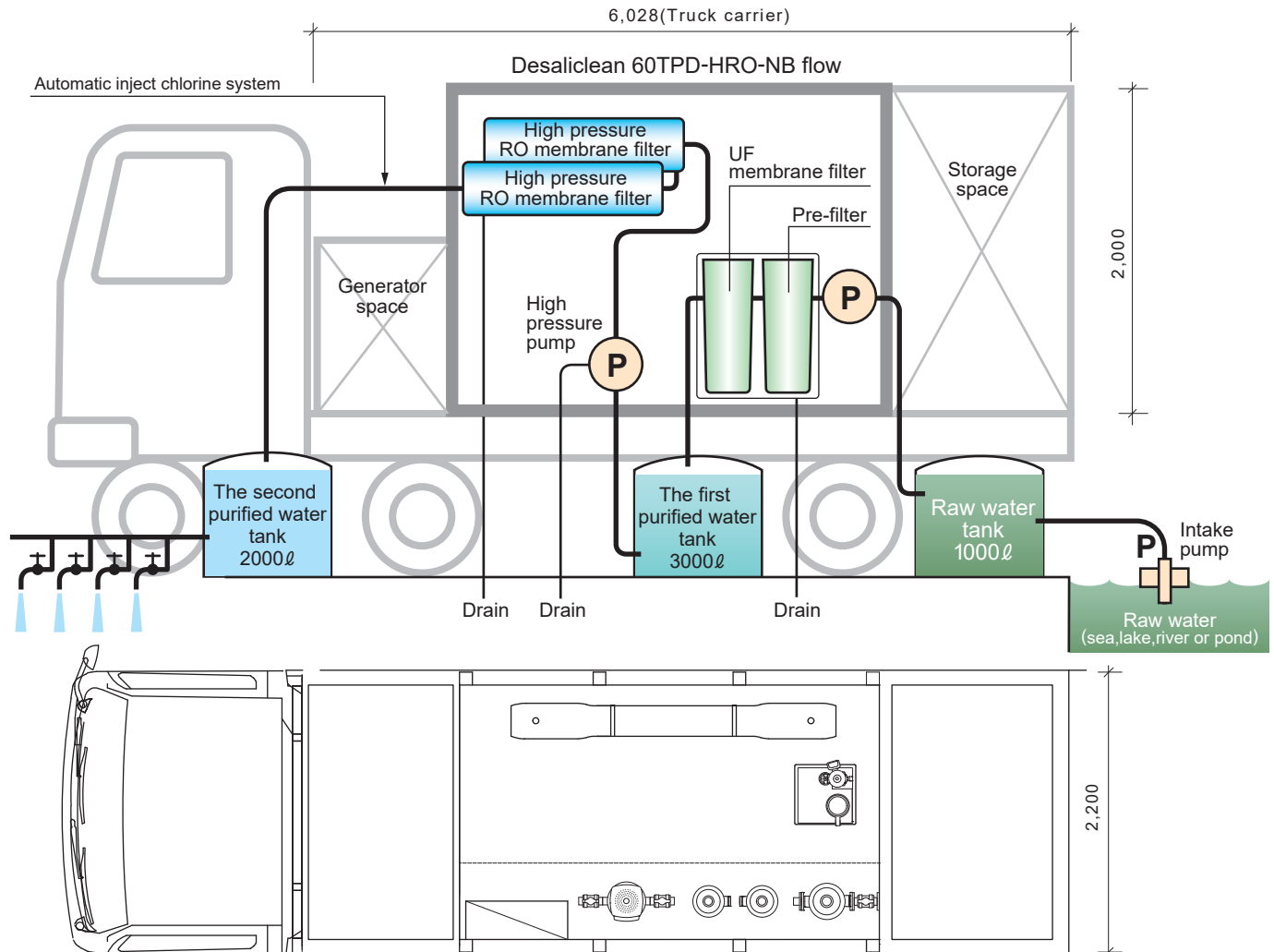


The water purifier system on truck

Desaliclean™ 60TPD-HRO-NB

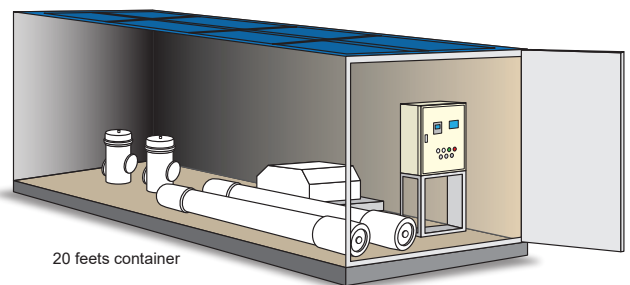
The purifying capacity 2.5 m³/h

Required to produce clean drinking water from seawater by using RO(Reverse Osmosis) module.
The main module will be containerized in order to minimize on-site installation works.



50TPD-WRO-NB

The purifying capacity 2.0 m³/h



Specification

	Desaliclean 60TPD-HRO NB	Desaliclean 50TPD-WRO NB
Capacity	60 ton/day or more (salt-water at 29°C)	50 ton/day or more (salt-water at 29°C)
Element	Pre Filter (Sediment Filter), Activate Carbon Filter, High Pressure RO membrane : 2 units	
Power Source	50 KVA Generator	3-Phase AC 220 V 50/60Hz
Motor Pump	Plunger Pump : 1 Chemical wash and flushing are performed	
RO cleaning	300 ppm or less for TDS (Total Dissolve Solids)	
Expected quality of product water	Purifies seawater with a salt content of 36,000ppm into drinking water with a salt content of less than 500ppm.	
Storage	Steel frame and fabricated cover	20 feet container



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