



# Desalination Device

## MYZ<sup>®</sup> E-60 + Pretreatment unit

Nomatter where you are, our carriable equipment generate seawater, riverwater, ect. into fresh water. Small desalination of seawater equipment

- EASY TO CARRY!**
- EASY TO USE!**
- 60 Liters/Hour (15 Gallon/Hour)**

**Light Weight and Compact!!**

【Desalination Device MYZ E-60】



【Pretreatment unit】

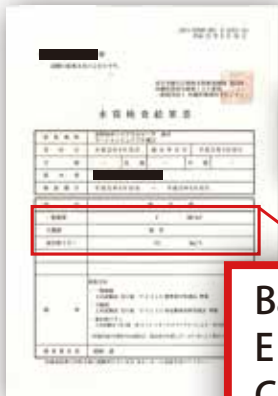


【FS KOSHIN pump】



【Grundfos pump】

※The equipment requires a water intake pump. We offer two types of pump according to the head and environment. We have two types of pump available. Please contact us if you wish to purchase.



Bacteria : 4200(Cell/m ℓ)  
Chloride ion : 13900(mg/ ℓ)

Bacteria : 0(Cell/m ℓ)  
E Coli : Negative  
Chloride ion: 122(mg/ ℓ)



## Patented

Developed a (RO) containment vessel capable of withstanding high pressure, and miniaturization has been achieved

Water quality analysis by Okinawa Environment Science Center Laboratory in Japan



# Desalination Device MYZ Series



## MYZ E-60

Size(mm)	W 700 × D 500 × H 520	
Weight	58 kg	
Water Purification Amount	Seawater	50~60ℓ/Hour
	Sweetwater	100~120ℓ/Hour
Power Source	100V/200V	

※The amount of produced water may increase or decrease depending on the water quality.



## Pretreatment unit

Size(mm)	W 700 × D 300 × H 780	
Weight	20 kg	
Filter (20 inches)	5 μ	Two sediment filters
	0.5 μ	One sediment filter



## MYZ E-250

Size(mm)	W 1,020 × D 584 × H 722	
Weight	94 kg	
Water Purification Amount	Seawater	230~250ℓ/Hour
	Sweetwater	460~500ℓ
Power Source	3-phase200V	

※The amount of produced water may increase or decrease depending on the water quality.

## Expendable Supplies and Exchanging Parts

### [Expendable supplies]

#### ●Sediment filters for rough objects.

All models require two sediment filters. The filter replacement cycle depends on the quality of raw water.

#### ●Reverse Osmosis membrane & Housing

The reverse osmosis membrane is the core part of the desalinator. Although it depends on the raw water condition, it is not necessary to change the reverse osmosis membrane for several years under the normal use.

We are fully responsible for replacing

the originally developed housing by our company.

#### [Exchanging parts]

Please contact us.

#### [Note]

※ The amount of purified water will differ according to the amount of salinity, the temperature and the quality of the raw water.

※Regular cleaning and maintenance are required.

※All products and product specifications in this brochure are subject to change without notice.

## The Features of MYZ Series

- 💧 Our equipment are suitable for isolated environment and remote island use.
- 💧 Desalination rate from 99.2 - 99.8% (salt rejection)
- 💧 For remote island, ship, emergency readiness and outdoor activities
- 💧 Water purification ratio  
Sea water      30% drinking water, 70% drain water  
Sweetwater    60% drinking water, 40% drain water



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