

# Water purification system

Seller

**SOSinternational LLC.**



## concept 1 Have sufficient water supply capacity

1

Act quickly when watering often forced to  
Provides the required amount of water in a short time  
You need what you can do.

concept

2

## Have sufficient filtration capacity

Hollow fiber filter, Silver impregnated fiber granular activated carbon mixed filter  
Demonstrate sufficient filtration performance such as employ a filter.  
Water that meets the water quality standards of the Waterworks Law water supply



## concept 3 Be operated manually

3

The motor type is the power supply, Gasoline is required for the engine type,  
In some cases, it may be difficult to secure water at the actual water supply site.  
Work efficiently with human power.

concept

4

## Be lightweight

If you need to move to the water source or supply water at multiple locations,  
Considering the situation that women deal with,  
It must be mobile enough for anyone to carry.



## concept 5 Cost performance

5

Interest in water is growing  
I hesitate when it comes to purchasing. Mizu-Q achieves high cost performance.

concept

6

## Be easy to use

Setting parts, injecting drugs,  
In some situations it is difficult to read and operate the manual.  
Mizu-Q is particular about easy operation.



Lightweight, compact and  
Because it is possible to carry it on your back,  
Drinking water can be made anywhere.



model	mizu-Q 500
processing power	3 liters/minute
filter media	Hollow fiber (main filter 0.04μ)
pump	self-contained tube pump
weight	about 4.5kg
External dimensions (mm)	w380×d270×h700
water supply hose	1.5m
container	Poly tank 12 ℓ
total filtration capacity	2 to 3 tons (varies depending on the turbidity of the feed water)

Based on mizuQ500, assuming a large amount of water supply

It is one fully equipped with items.

You can work smoothly with this one unit without having to search for what you need.



model	mizu-Q 500S
processing power	3 liters/minute
filter media	Hollow fiber (0.04 $\mu$ accuracy) + silver-impregnated carbon fiber granular activated carbon
pump	self-contained tube pump
weight	about 5.5kg
External dimensions (mm)	w380×d270×h700
water supply hose	1.5m
container	Poly tank 12 ℓ
total filtration capacity	4 to 6 tons (varies depending on raw water, 2 to 3 tons per filter)

with manual wing pump  
Water supply capacity of 8 liters per minute.  
Lightweight and convenient carry type.



model	mizu-Q 800
processing power	8 liters/minute
filter media	Hollow fiber (main filter 0.04μ) Ag-impregnated carbon fiber granular activated carbon mixture
pump	Self-contained aluminum wing pump
weight	about 10.5kg
External dimensions (mm)	w470×d370×h930
water supply hose	4m
container	Poly tank 12 ℓ
total filtration capacity	2 to 3 tons (varies depending on the turbidity of the feed water)

Manually pour a lot of drinking water at once  
A medium-sized water purifier that can be made.  
Equipped with a 4-cylinder water purification filter,  
Both high processing capacity and water supply capacity are achieved.



model	mizu-Q 1000
processing power	0.5cubic meter/h
filter media	① First filter polypropylene fiber filter ②Secondary filter: Polypropylene sterilization filter ③ Third filter: Polypropylene sterilization filter ④Final filter Special activated carbon filtration filter
pump	Aluminum wing pump (self-contained water supply 3m)
weight	About 18.5kg (empty weight)
External dimensions (mm)	w570×d304×h500
water supply hose	4m
total filtration capacity	10 to 15 tons (varies depending on the turbidity of the feed water)



Can be used with either engine or manual operation  
with engine pump  
Demonstrates powerful water supply capacity.  
Even manually with a 4-cylinder water purification system  
It is a large water purifier that can make more drinking water.  
of electric power (motor pump)  
Mizu-Q2000EV is also available.

model	mizu-Q2000 mizu-Q2000EV
processing power	1.0cubic meter/h(MAX)
filter media	① First filter polypropylene fiber filter (pore size 1 $\mu$ ) ②Second filter polypropylene sterilization filter (pore size 1 $\mu$ ) ③Third filter: Polypropylene sterilization filter (pore size 0.2 $\mu$ ) ④ Final filter special activated carbon filtration filter
pump	■ Engine: Koshin Pump KH-25 ■ Motor: MP-25 Manual: Aluminum wing pump (self-contained)
weight	About 32.5kg (empty weight)
External dimensions (mm)	w420×d400×h950
water supply hose	4m
total filtration capacity	10 to 15 tons (varies depending on the turbidity of the feed water)

# Product information 「Portable water purifier mizu-Q PLUS」

High-performance water purifier that can be easily carried  
You can cut harmful bacteria and make safe drinking water.  
For disasters, outdoors, overseas travel, and everyday use



model	mizu-Q PLUS
Raw water conditions	Tap water or water where fish live (fresh water)
Water purification not possible	seawater desalination,hard water softening, Agrochemicals, poisonous substances,Organic solvents, harmful heavy metals Water that may be dissolved in water, water that may be contaminated with viruses
Water purification capacity	About 350 liters (for tap water)
weight	About 65g
size (mm)	Diameter 40.5 x h134
Main agent	Hollow fiber membrane (0.1 micron), fibrous activated carbon
Material	Polypropylene, ABS

  
**MADE IN JAPAN**

# Precautions for use

(Please be careful when selecting raw water to use.)

Not all water can be purified to drinking water level!

The main filter media of the disaster water purifier mizu-Q series are hollow fiber and activated carbon. Due to the performance of the filter, it is not possible to remove chemical substances such as surfactants, heavy metals, and viruses that are dissolved in water.

(Never use water that may fall under any of the following.)

- River water and lake water that may contain pesticides and herbicides.
- River water and lake water containing high levels of domestic wastewater, industrial water, etc.
- Water in which poisonous substances, organic solvents, and heavy metals are dissolved.
- River water and lake water where no organisms such as fish live.
- Water that may be contaminated with viruses.

(Caution when using)

- Sea water cannot be changed to fresh water.
- PH cannot be adjusted.
- Cannot be used after remodeling.
- Purified water cannot be stored for a long period of time because disinfectants such as chlorine have been removed.
- Please drink as soon as possible.

(About storage)

- The mizu-Q series comes pre-set with filters so that you can use it immediately after taking it out of the box.
- If it is unopened, there is no expiration date, so it can be used immediately even if it is stored for a long time.
- The filter cannot be stored for a long time after use. Please replace it with a new filter the next time you use it.
- When storing after use, run clean tap water, etc. at the end of use, and then operate the product to fully drain the remaining moisture inside.
- Wipe off any moisture on the machine body and hose. After that, dry it in a well-ventilated place and store it back in the box.

\*For the final water supply, use diluted water such as a commercially available sterilizing solution to maintain cleanliness.

