

Earthquake Resistant Design



PRIME WATER TANK

water tank + water pipe



SECURE EMERGENCY DRINKING WATER

**Ensuring Safe Drinking Water
in the event of a sudden Disaster or sudden Water Outage.**

*Patent Pending

Improved Disaster Prevention Capabilities.

- A Hybrid water pipe which combines "Hygienic Water Supply" and "Water Storage Function" using a precisely water supply method!
- Buried underground without interfering with the building design!
- Can Supply Drinking Water for approximately 1000 people x 3 days in case of emergency!



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ADVANTAGES

EARTHQUAKE RESISTANT / SAFE & CLEAN

Earthquake resistant structured design which ensures safe/clean drinking water during disaster/power outage.
Use a water grade paint stable & reliable *JWWA k157 certified paint.

DIRECT WATER SUPPLY SYSTEM

It is directly connected to the water supply pipe which can be distributed to condominium units.

AREA'S / SITE LANDSCAPE PROTECTION

Will not compromise on building's design because it will be build underground.

WIDELY RECOGNIZED BY LGU' S

Proven track record of delivering more than 180 units in Japan.

EASY INSTALLATION / LOW COST

Setup and installation is easy because integrated parts will be shipped after under going factory inspection.
Requires little maintenance.

CIRCULATION EXPERIMENT

An experiment by running water using an approximately 1/8 scale acrylic model of the actual machine same way as a water works.

The water was almost replaced by an inflow of water 3.5 times it's capacity.



Water was filled with red food coloring and pour in clear water.

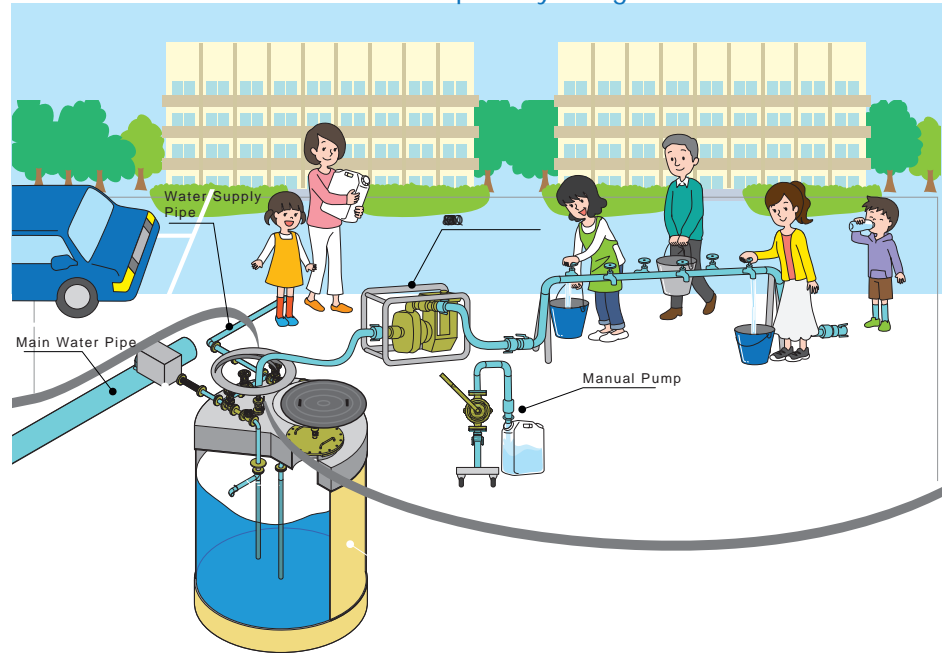
Gradually the water becomes clear and the internal piping become visible.

The water has been completely replaced.

Earthquake Resistant Design PRIME WATER TANK

OFFERING PEACE OF MIND IN TIMES OF DISASTER

An innovative water tank & water pipe system specially designed for condominium



AS DRINKING WATER DURING EMERGENCY

Shall be at least 3ℓ/P of water stored (9ℓ for 3days) for adults.

It can store up 10 m³ of water, enough to supply 1080 people.



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