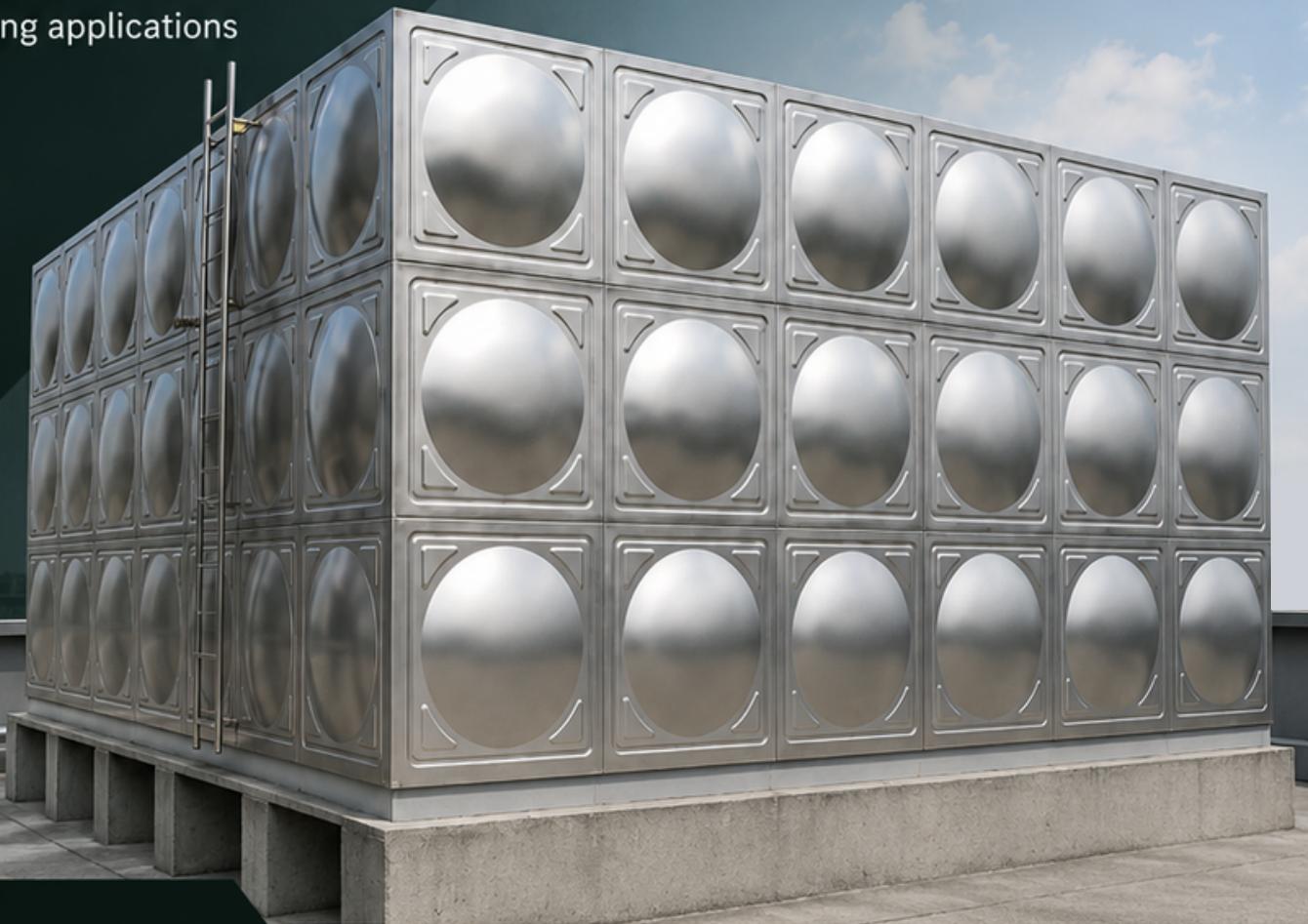




STAINLESS STEEL MODULAR PANEL TANK

HYGIENIC • STRONG • MODULAR

Reliable water storage solution for
industrial, commercial, and
building applications



WATER STORAGE
SYSTEM



FOOD GRADE
STAINLESS STEEL



EASY INSTALLATION
& MAINTENANCE



LONG SERVICE LIFE
& CORROSION RESISTANT



Access to clean water shouldn't be limited by location. Our modular panel tanks are engineered to provide large-scale water storage wherever it's needed most — combining ease of installation with outstanding durability and cost efficiency.

OUR SOLUTION



SUS 304

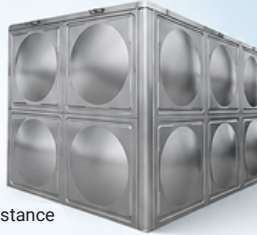
- ✓ General Water Storage
- ✓ Cost-Efficient
- ✓ Reliable for standard use





SUS 316

- ✓ Higher Corrosion Resistance
- ✓ For demanding environments
- ✓ Recommended for harsh conditions





EASY INSTALLATION

Factory-fabricated panels, assembled on-site



CLEAN WATER STORAGE

Designed for safe and reliable storage

OUR PROJECT PROCESS



DURABLE & RELIABLE

High-Quality stainless steel for long-term performance



UP TO 50 YEARS
SERVICE LIFE

Durable stainless steel construction for long-term performance

FIELD OF APPLICATION

POTABLE WATER

Drinking water provision for towns, villages, base camps, military camps...

RAINWATER (non potable water)

Water distribution for industries, irrigation for agriculture...

WASTEWATER & PROCESSING

Sewage treatment for wastewater plants

FIRE FIGHTING

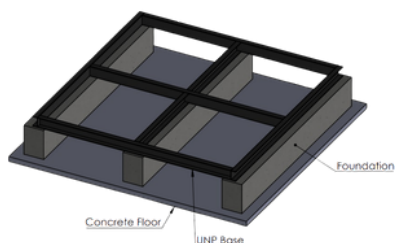
Fire reserve tanks for buildings at risk and sensitive areas



COMPONENTS & ACCESSORIES

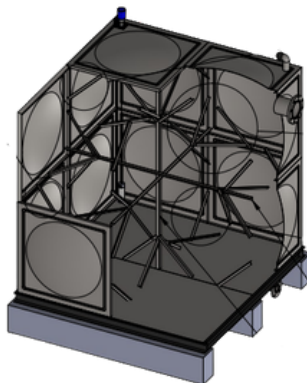
Our tanks are composed of panels of varying dimensions, reinforced either internally or externally.

SKID BASE



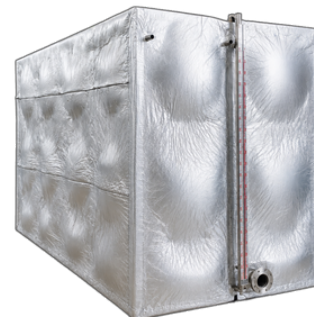
INTERNAL REINFORCEMENT

Standard solution



OPTIONAL CONFIGURATION

Hot Water Insulated Tank



STANDARD EQUIPMENT

- Modular Stainless Steel Tank Panel
- Manhole cover with hinge & handle
- Internal Stainless Steel Reinforcement
- External Ladder
- Water Level Indicator
- Water Level Sensor
- Breathable Vent Cap
- Drain Outlet Flange
- Water Outlet Flange
- Overflow Flange
- UNP Skid Base

OPTIONAL EQUIPMENT

1. Insulation layer to minimize heat loss
2. Maintain water temperature for hot water application
3. Thickness : 3 mm
4. Aerofoam / Rockwool

TANK DIMENSIONS

HGI Stainless Steel Modular Panel Tank is assembled using modular pressed stainless steel panels. The tank capacity is calculated based on the internal tank dimensions and maximum water level.

Standard panel size:

- 1000 x 1000 mm
- 500 x 1000 mm
- 500 x 500 mm

Capacity formula:

- Length x Width x Height = Nominal Capacity

Example:

- 2 m x 2 m x 2 m = 8 m³ / 8,000 Liters

Length	Width	Height	Panel Arrangement	Nominal Capacity
1 m	1 m	1 m	1 x 1 x 1	1 m ³ / 1000L
2 m	1 m	1 m	2 x 1 x 1	2 m ³ / 2000L
2 m	2 m	1 m	2 x 2 x 1	4 m ³ / 4000L
2 m	2 m	2 m	2 x 2 x 2	8 m ³ / 8000L
3 m	2 m	2 m	3 x 2 x 2	12 m ³ / 12,000L
3 m	3 m	2 m	3 x 3 x 2	18 m ³ / 18,000L
4 m	3 m	2 m	4 x 3 x 2	24 m ³ / 24,000L

Custom sizes are available based on project requirements. Tank dimensions and capacity can be adjusted according to site conditions and customer needs.

ASSEMBLY

Our sectional stainless steel tanks are designed for quick and efficient installation using basic tools and standard site equipment.

Installation is carried out by qualified technicians according to the approved drawing and site condition.

→ ASSEMBLY PROCESS

- Preparation of concrete foundation or steel support structure
- Installation of UNP skid base/tank base frame
- Positioning of bottom panels
- Assembly of side panels and internal reinforcement
- Installation of tie rods, support brackets, and roof support structure
- Assembly of top panels / roof cover
- Installation of manhole, ladder, vent cap, water level indicator, inlet / outlet / drain / overflow connection
- Final tightening, inspection, cleaning, and water filling test

CARE & MAINTENANCE

HGI sectional stainless steel tanks require minimum maintenance.

Routine inspection is recommended to ensure long service life, hygiene, and proper tank performance.



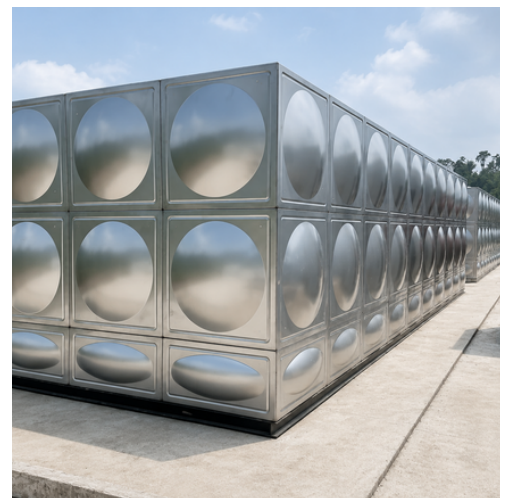
ROUTINE INSPECTION

Regular visual checks help ensure optimal performance.



CLEAN & HYGIENIC

Smooth stainless steel surface for easy cleaning.

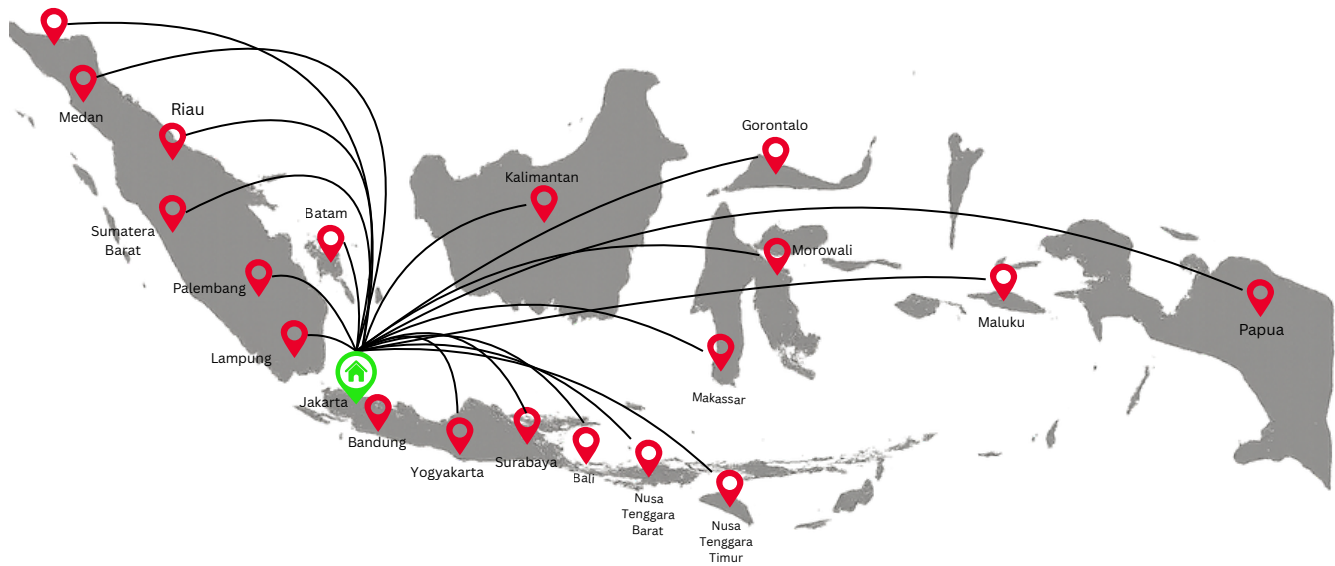


LONG SERVICE LIFE

Built to last with excellent durability and corrosion resistance.



HIGHTEC GRAND INDO



FACTORY

Jl. Industri 3, No. 20B, Kawasan
Industri Modern Cikande,
Serang, Banten

OFFICE

Rukan Soho Wallstreet SWSC
No. 21D, CBD PIK 2, Jakarta,
Indonesia.

Tel : +62 811-916-588 / +62 811-917-588
Email : Marketing@hightecindo.com