

# Water Rack



Uniteam offers stainless steel Clean Water Rack Container - tank container for transport and distribution of drinking water. The container is suitable for military and civil market, as well as for humanitarian missions.

## Main functions:

- Cooling water and maintaining at the temperature +13 - +15 C
- Heating water and pipe system at the temperature + 4 - + 8 C
- Mixing of water in interior circulation
- Preventing development of bacterias by dosage of special solution

## General specification:

- Tank container type: 1C
- Capacity: 10500 L nominal
- Number of compartments: 1 (2 baffles)
- Tare weight: 4 500 kg
- MGW: 16 500 kg
- Maximum working pressure : 110 kPa
- Hydraulic test pressure: 400 kPa
- ADR calculation pressure: 400 kPa
- Vacuum pressure: 40 kPa
- Design temperature: -32° C to +60° C
- Design code approval: PRS/ADR/RID/MDG/UIC/CSC/ISO

## Specification

### Tank and frame details

Tank Material	Stainless steel 1.4306 DIN
Manhole	Port Vale Stainless steel 500mm
Frame size	6058x2438x2438mm (20'x8'x8')
Frame Material	Mild steel

### Equipment details (placed in machine compartment)

Generator	Caterpillar
Pump	Mono pump
Outlets/ Inlet	2/1
Hose reels for manual water distribution	2
Fire extinguishers	2
Storage boxes	2
Earth reel	1
Control box	1
Heat tracing	On the complete pipe system
Heating	1
Flow meter	1