

Transportable, Factory-built Potable Water Treatment System “BLUE 20”

The “BLUE 20” Potable Water Treatment System combines a membrane based potable water treatment system with raw water and treated water storage tanks into a stand-alone package.

The unit capacity is designed to service remote accommodation units up to 60 person occupancy (30 person surge capacity).

Potable Water Treatment and Storage System:

- Raw water storage tank (6,000 liter capacity)
- General Electric membrane based filtration system – NSF 42 and 53 certified c/w 99.999% contaminant removal
- Treated water storage tank / surge tank (6,000 liter capacity)
- Residual Disinfection – dual pump chlorination system c/w automatic safety shutdown
- Dual transfer pumps to deliver treated water to the storage tanks in accommodation units.
Upon request a pressurized potable water system can be added to suit any client’s specific camp layout.

Advantages:

- The use of a storage tank system ahead of the treatment process allows collecting raw water from a slow flowing well or a low capacity water delivery pump from a remote water body – the storage tank accumulates raw water for constant treatment. It also acts as a mechanical barrier to filter out coarse contaminants.
- The treated water storage tank / surge tank holds the treated water before delivery; at all times a minimum of 6000 liters of treated, potable water are available --- allowing for a minimum 12 hour (one surge cycle) response time to service, repair or replace any malfunctioning water treatment equipment.
- The system is designed for remote location operation – housed in a heated, robust 20’ long shipping container.

This unit is ideally suited for:

- Temporary work camp installations for oilfield, mining, exploration and remote research operations
- Remote tourism developments
- Temporary construction sites, spill clean-up sites
- Fire fighting camps or disaster relief camps



CONTACT:

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