

SkyStation™ SOLAR POWERED WATER PURIFICATION UNIT

The SkyStation filters contaminated water into safe clean drinking water

This self-powered water purification plant produces over 10,000 litres of clean drinking water per day from polluted water sources including rivers, creeks, dams, well and swamps.

Remote villages and communities can now have access to safe, clean, low cost permanent drinking water.

Reservoir Tank, purified drinking water produced by the SkyHydrant water filter unit is collected in this reservoir tank and held until needed for filling drinking water containers.



Water Tank
Approx 1,000
litres



Solar Power Panel, generates power to the water pumping unit, capable of pumping up to 50,000 litres per day.



Header Tank, stores untreated water and has sufficient height to provide a suitable pressure head for water to gravity feed through the SkyHydrant water filter unit where purified drinking water is produced.

Tank Stand constructed of sectional galvanized steel, weighs only 70kg and erects in 20 minutes.

2100 mm

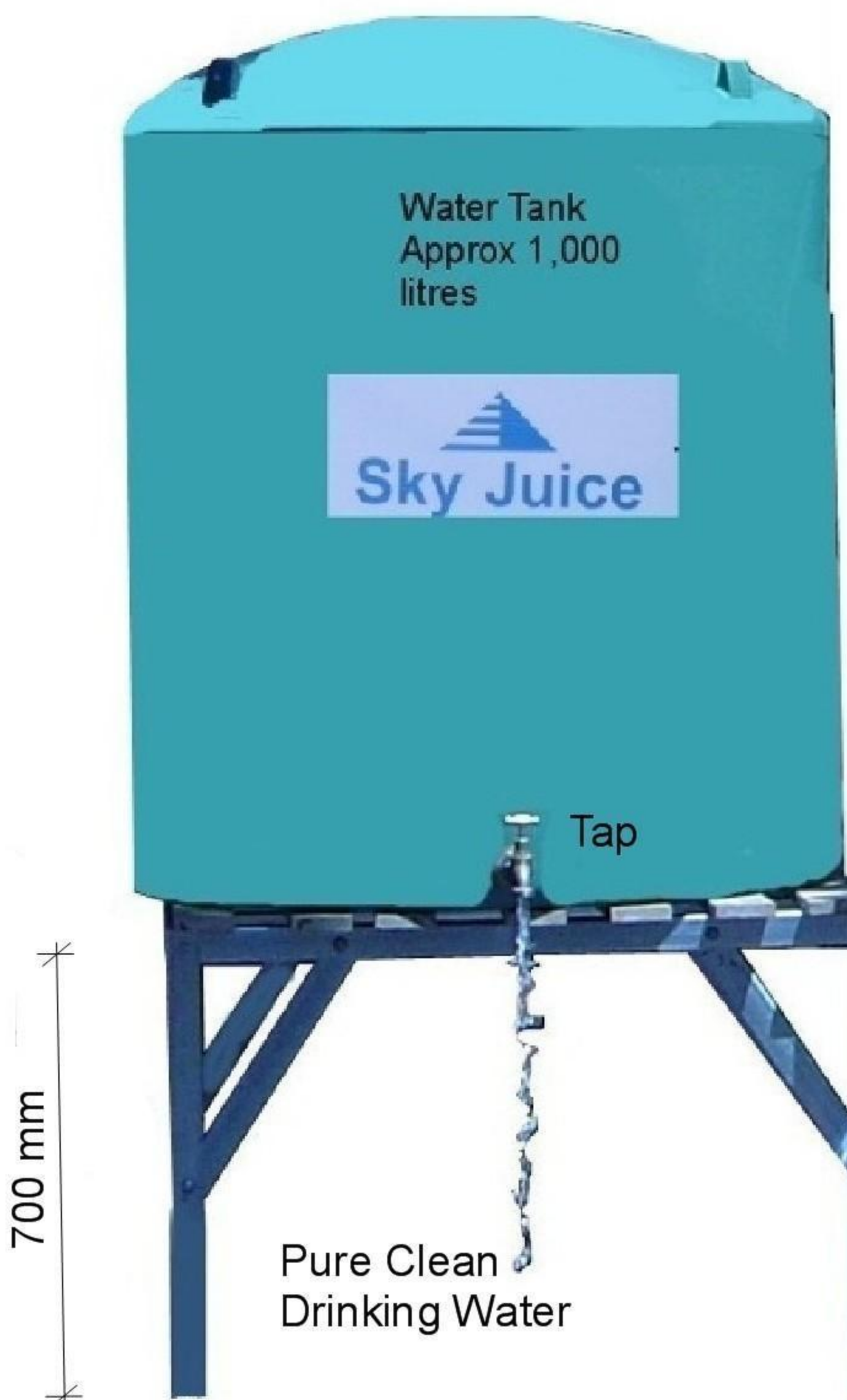
SkyHydrant water filtration unit. This is the core component of the water purification plant and is capable of producing over 10,000 litres of potable water per day by removing all bacteria, viruses, protozoa, turbidity and other contaminants to produce pure, clean drinking water.



Solar Control panel provides an "on demand" automated water flow system.



Pumping unit, powered by the solar panel is located in a creek or well etc and pumps water to the upper header tank



Water Tank
Approx 1,000
litres



Tap

Pure Clean
Drinking Water

700 mm