

SkyHydrant®

ULTRAFILTRATION SYSTEM

SUSTAINABLE WATER SOLUTIONS FOR HUMANITARIAN & DISASTER RELIEF



WORLD CLASS WATER TREATMENT TECHNOLOGY

- High volume
- Low capital cost; negligible ongoing costs
- Lightweight and portable
- Simple, 20-minute setup
- Hassle-free manual operation; easy cleaning
- Filter lasts up to 10 years or more without replacement

Clean safe drinking water

The technology is simple.

The operation is simple.

The results are outstanding.

An ultrafiltration solution, engineered for harsh remote environments



SkyJuice
FOUNDATION

Safe Water for Every Child



SkyHydrant GEM

Nominal 5,000 ltrs/day
Weight: 9 kg

SkyHydrant MAX

Nominal 10,000 ltrs/day
Weight: 13 kg

An affordable and simple solution

Operating in 57 countries, chosen by 68 international aid organisations, and supplying hundreds of remote communities, worldwide. SkyHydrant is the sustainable water solution engineered for harsh environments.

Need water for drinking, cooking, cleaning and washing? SkyHydrant is the perfect water filtration solution for homes supplied by ground water (well or cistern) or surface water (lake or river).

Connect SkyHydrant to dams, creeks, springs and waterholes to produce clean drinking water.



3 steps to produce safe, clean drinking water

1. Dirty water in

Water flows into SkyHydrant at low pressure. It uses the effect of gravity from an overhead tank, or a pump fitted with a pressure-reducing device.

2. Dirty water filtered

Contaminants are trapped in a maze of microscopic pores in the filter's fibres, leaving clean, clear water to pass through. The trapped contaminants are flushed away allowing the system continuous operation.

3. Clean water out

Safe, clean drinking water - free of turbidity and pathogens - is ready for storage, or to be piped directly for use.

Safe, clean drinking water

Each SkyHydrant unit can produce up to **10,000 litres or more of clean water, every day**. That's enough water for the essential domestic needs of 500–1000 people.

It treats most non-saline surface and ground waters using **chemical-free filtration**.

High-volume output means SkyHydrant suits domestic and community use. Freestanding or wall-mounted, use it standalone or configured into multi-unit banks to satisfy all of your short- and long-term water needs.

Simple to setup

Quick and easy to set up, SkyHydrant produces clean water immediately. You **don't need technical skills or special knowledge** to set up, operate or maintain the unit.

Easy to operate and maintain

With a little regular maintenance, the filter module is designed and engineered to last for years. Just follow the simple, manual cleaning process.

Daily mechanical cleaning frees contaminants trapped by the filter fibres and flushes them away. Weekly cleaning using chlorine removes accumulated organic matter left behind during the mechanical cleaning.

Affordable

SkyHydrant is engineered to **last 10 years or more**. Best of all, **no replacement filters are required**. It's a **low-cost solution** with negligible ongoing costs.

Anywhere

Water inflow works on a gravity feed (min. 2m water head pressure). **No power is required**. That makes SkyHydrant the perfect choice for remote locations and hard-to-reach areas. **Lightweight and portable**, SkyHydrant is easy to store, transport and redeploy. Take it wherever you want to go.

Choose the simple, affordable, easy solution for safe, clean drinking water wherever you need it ...



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