

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 5-10 years without replacement

CLEAN SAFE DRINKING WATER

The technology is unique
The operation is simple & reliable
The results are outstanding

*A novel ultrafiltration solution,
engineered for harsh & remote
MSDG environments*



Safe Water for Every Child



SkyHydrant GEM

Nominal 5,000 ltrs/day
Weight: 10 kg (packaged)

SkyHydrant MAX

Nominal 10,000 ltrs/day
Weight: 18 kg (packaged)

SkyHydrant®

ULTRAFILTRATION SYSTEM

An affordable and simple solution

SkyHydrant is used in over 60 countries. It supplies thousands of remote communities worldwide. The SkyHydrant is the sustainable water solution engineered for harsh environments. It used by many major global NGO's.

SkyHydrant is the perfect water filtration solution for drinking, cooking, cleaning and health facilities. It can be operated form ground water (well or cistern) or surface water (lake or river) supplies

Operate under gravity supply from dams, creeks, springs and waterholes to produce clean drinking water. This is a one step process with no chemicals or additives.



3 steps to produce safe, clean drinking water

1. Dirty water in

Water flows into SkyHydrant at low pressure. It utilises gravity pressure from an overhead tank, or a small pump fitted with a pressure-reducing device.



2. Dirty water filtered

Contaminants are trapped within the membrane fibre pores on the surface, leaving clean, clear water to pass through. The trapped contaminants are flushed away allowing the system continuous operation.



3. Clean safe water out

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

Safe, clean drinking water for MSG users

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 under gravity pressure.

High-volume output means SkyHydrant suits domestic and community use. It can be installed as freestanding or wall-mounted. It can be standalone or configured into multi-unit banks to satisfy short-term and long-term water needs.

Simple to setup

It is 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. Full instructions are provided.

Easy to operate and maintain

The filter module is designed and engineered to last for years. Just follow the simple, manual cleaning process. Regular manual cleans every few hours is part of the maintenance

Daily mechanical cleaning frees ensured that contaminants trapped on the fibre surface are flushed away. Weekly cleaning using weak chlorine removes accumulated organic matter left behind during the mechanical cleaning.

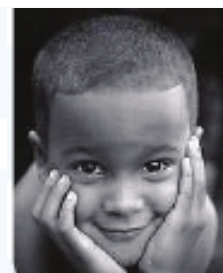
Affordable

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

Anywhere

No power is required (2 metre head). That makes SkyHydrant the perfect choice for remote locations and and developing countries. Lightweight and portable, SkyHydrant is easy to store, transport and redeploy. Take it wherever you want to go. Better still, build a water kiosk !

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



SkyJuice
FOUNDATION

Safe Water for Every Child

www.skyjuice.org.au | info@skyjuice.org.au | M +61 438 880 621