

Domestic Installations

Domestic houses rely on municipal water for all of their water requirements, including drinking water. As municipal water demand grows with urban expansion, the underlying infrastructure becomes stressed, leading to breakages and leaks, exposing residents to dirt, E.Coli and other dangerous pathogens in their drinking water.

Cirrus Water is a far healthier and cost effective solution to bottled water with a largely reduced carbon footprint.



Benefits of Cirrus Water

COST EFFECTIVE

- Cirrus water is cost effective since logistic, waste management and transportation costs are removed.
- Cirrus water will save you money over time when compared to other sources of drinking water.

SUPERIOR QUALITY & HEALTHY

- The water is produced from water vapour where waterborne diseases cannot survive and doesn't risk containing chemicals associated with plastic bottled water.
- Cirrus water does not risk plastics leeching dangerous chemicals into the water.

SUSTAINABLE & ENVIRONMENTALLY FRIENDLY

- Atmospheric moisture is used to create Cirrus water making it a sustainable solution amidst a growing water crisis.
- Cirrus water is made on-site and piped directly to outlets reducing its carbon footprint.

Sector Issues

Stressed municipal infrastructures often fail, leaving whole suburban areas without water

When the water supply returns, the water is often contaminated, putting the communities at risk for water-borne diseases

Cirrus Water Solution

Luxury homes can install Cirrus technology into their homes, supplying high-quality water to chilled drinking water dispensers, food preparation bowls and even bathroom sinks

Housing Complexes can have centralised Cirrus machines supplying the entire community with drinking water

CASE STUDY: Small Apartment Block

PRIOR SITUATION

- Small apartment block housed 20 people across six apartments.
- Regular breakages in municipal water occurred, leading to the water supply being interrupted,
- Leakages into water supply carried diseases, resulting in ill tenants, and loss of productivity.

Other Issues

Logistics

- Each family bought bottled water, requiring planning and stocking of bottled water.
- Travel costs to restock on water added to the cost.

Health

- Concerns of plastic bottles leaching dangerous BPA's into the water

Sustainability

- Large carbon footprint associated with the transport of the bottled water and from the plastics used.

Financial

- At an average cost of R5 per litre, bottled water is extremely expensive.

CIRRUS SOLUTION

- Body Corporate installed a CWM100 unit on the roof of the block, and piped the pristine water to each apartment.
- Telemetry calculates each apartment's usage and charges accordingly.

The Total Cost of Ownership over a five year period was calculated at R2.20, a massive 56% saving over bottled water!

Resolutions

Logistics

- No more last minute and expensive trips were required to the local store.
- Cirrus water is piped directly to dedicated faucets, negating the need for bottle logistics.

Health

- Poor quality municipal water and BPA's leaching into bottled water is avoided.

Sustainability

- Because Cirrus water is made on-site, it has a greatly reduced carbon footprint.

Financial

- Fuel costs and toll-road expenses do not affect Cirrus water, as it is made on-site.



ROI AND BREAK-EVEN POINT

- Capital Investment: R150,000
- Monthly Saving: 56%
- Break-even point: 24 months
- Nett Savings over five years: R505,000