cirrus
WATER MANAGEMENT RENTALS

Commercial Buildings

Commercial buildings (office blocks, office parks, colleges, schools, universities, industrial and municipal buildings) rely mostly on plastic bottled water as their source of drinking water – a costly, often unhealthy and environmentally unfriendly option.

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

Sector Issues

High volumes of mostly plastic bottled water is consumed at a high financial cost and large carbon footprint due to the transporting, creation and disposal of tons of plastic containers.

Cirrus Water Solution

Cirrus water is created on the roof of commercial buildings and piped directly to chilled dispensers, coffee machines, urns and kettles.

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.

CASE STUDY: Commercial Building

PRIOR SITUATION

- Client used 120 litres of drinking water per day.
- Twenty litre bottles were ordered monthly, at R2.00 per litre.
- Twenty-four chilling dispensers were distributed around the building at a cost of R120.00 per dispenser per month.
- Over a five year period, total cost of water amounted to R3.40 per litre.

Other Issues

Logistics

- Regular stock counts to determine when to re-order water.
- Receiving, storing, and distributing of the bottles was cumbersome, time consuming and hazardous.

Health

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

Sustainability

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

Financial

- Increased fuel costs and toll-road charges could outstrip the supplier's promise.

CIRRUS SOLUTION

- Client continues to use 120 litres of drinking water per day since the installation of the Cirrus Solution.
- A CWM100 unit was installed on the roof, with reticulation supplying twenty-four new chilling dispensers.

The Total Cost of Ownership over a five year period was calculated at R1.91 per litre, an astonishing 44% saving!

Resolutions

Logistics

- No more stock counts and water reordering is required.
- Cirrus water is piped directly to the dispensers, negating the need for bottle logistics.

Health

- Food grade piping and dispensers eliminate the concerns of plastic bottles leaching BPA's into the water.

Sustainability

- Because Cirrus water is made on-site and piped directly to water outlets, 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: R240,000
- Monthly Saving: 44%
- Break-even point: 30 months
- Nett Savings over five years: R325,000

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