

Saving hotels & laundries

**53 billion**  
**litres of water**

per year\*

Dramatically reduce consumption of water and energy in your hotel laundry with Hydrofinity



**Hydro**  
**finity**™

Sustainable  
Fabric Care Technologies  
from Xeros

\*based on 25,000 laundries and 8,000 hotels using one 36kg machine and saving 1.6 million litres each, per year

# Customers & Benefits

Hydrofinity operates in 5 of the 7 continents.  
Some of the world's top hotel groups are customers.



## Property Savings

HYATT<sup>®</sup> Reston, VA

No. of Washing Machines:  
**3x 25kg**

Total Savings per year:  
**AED 151,843\***

Water Savings per year:  
**5.3 million litres**

Hydrofinity technology is  
truly amazing!

Equally impressive is the company  
behind it. They have absolutely  
delivered on promises of savings  
and superior performance.

DAVID EISENMAN General Manager, Hyatt Regency Reston

## Save water

A washing machine using our products uses up to **50% less** water than a traditional machine. On average, a 250-bed hotel will **save 2 million litres** of water every year with one 36kg capacity machine.

## Reduce energy consumption

The system requires lower water temperatures to run, so it can use **up to 50% less electricity** than a conventional machine (depending on ambient water temperature). With ever-increasing electricity costs, this translates into real cash savings for operators.

## Achieve market-leading results

Award-winning Hydrofinity technology is proven to **remove tough stains**, including make-up, food and blood, often in just one wash. Customers report **softer, fluffier towels, whiter linens, and crisper table cloths** after switching to the unique system.

## Save money

Whilst **lowering water bills**, the system also reduces energy, detergent and maintenance costs. Indirect savings include linen replacement & staff costs. Less pre-treating & sorting frees up staff.

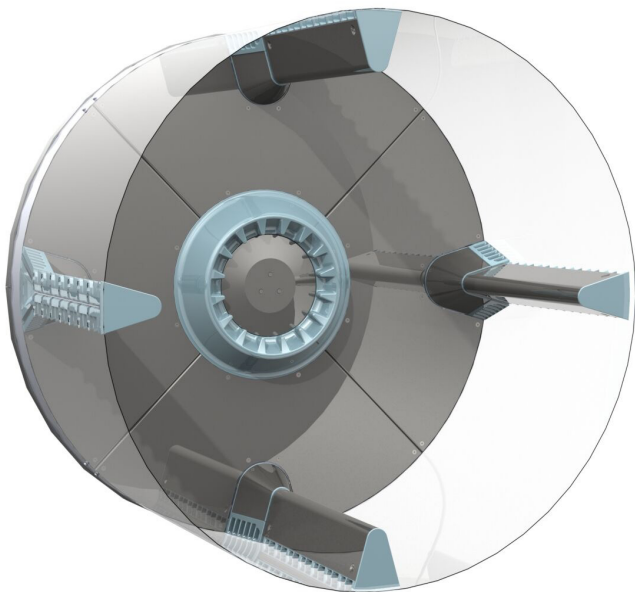
## Extend linen life

**Lower temperatures and less detergent** means reduced shrinkage & less wear and tear on your expensive sheets and towels.

\*water, energy, detergent & maintenance savings, US\$1 - AED3.67

# Our Unique Products

## **XDrum™** Xeros In-Drum Technology



**Multiple benefits.  
Two products.  
One solution.**

### **XDrum™**

XDrum can be fitted into any brand's washing machine and allows Xeros' patented water saving XOrb™ polymer technology to work inside the machine.

#### **The benefits of XDrum™:**

- Compatible with conventional washers
- Gentle on laundry
- Use less water

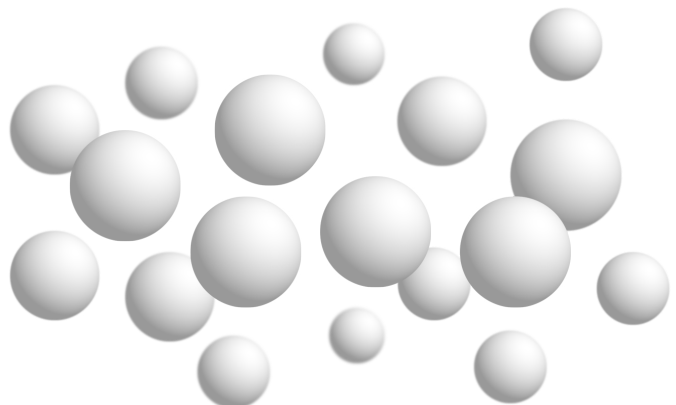
### **XOrbs™**

At the heart of Xeros' laundry system is XOrb Polymer Technology. Reusable, recyclable, and safe, XOrbs gently clean and protect clothes using less water and chemicals. They mix into the XDrum at the start of the wash and gently remove dirt and stains whilst protecting your clothing like tiny little hands. When the wash cycle is completed, the XOrbs automatically go back inside the XDrum and are ready to be used again for your next wash.

#### **The benefits of XOrbs™:**

- Powerful yet gentle cleaning action
- Clothes look newer for longer
- Reusable and recyclable

## **XOrb™** Xeros Polymer Technology



# India Launch

In 2019, the Hydrofinity system was launched in India. The demand in this region is extremely high as the world's second-most populous country is running out of water.

“By 2030, India's water demand is projected to be twice the available supply.”

Composite Water Management Index (CWMI) Report, 2018

## Day Zero Is Looming

for 21 Indian Cities. By 2020 taps in major cities including Delhi and Chennai are expected to run dry.

## Play your part.

Switch to a Hydrofinity system today.

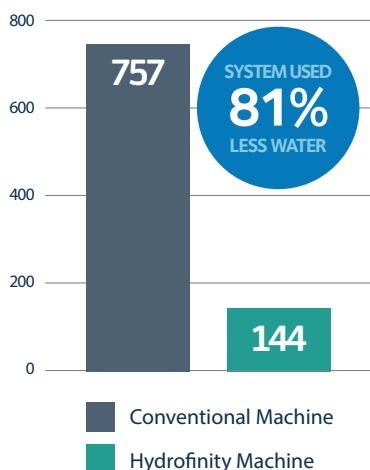


## Water Usage Comparisons

Hotels that switched from a conventional to a Hydrofinity system

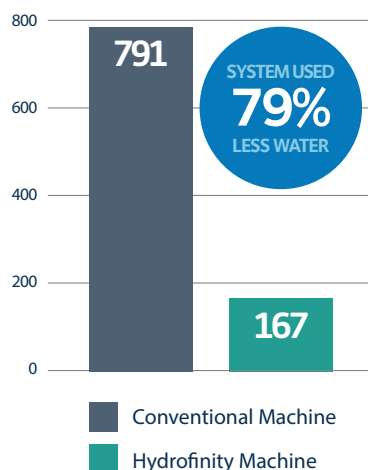
WASH CYCLE COMPARISON AT A HILTON SITE:

WATER PER CYCLE (LITRES)



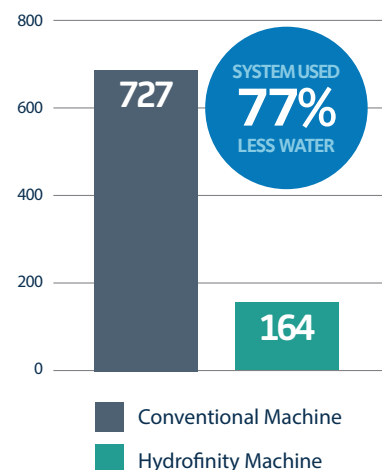
WASH CYCLE COMPARISON AT A HYATT SITE:

WATER PER CYCLE (LITRES)



WASH CYCLE COMPARISON AT A MARRIOTT SITE:

WATER PER CYCLE (LITRES)



# Potential Savings

One Hydrofinitly washing machine can reduce annual water consumption per business by

**1.6 million litres**



**Imagine..**

If each of those businesses used Hydrofinitly technology...



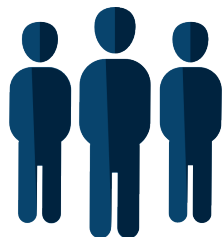
That's enough water to supply...

everyone in

**New Delhi**

with water for nearly

**2 weeks\***



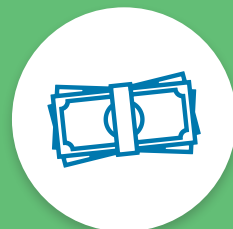
\*Average water consumption per person, per day = 200 litres  
Population of New Delhi = 21.75 million



**A 400-bed hotel could save:**



**Up to 1.7 million litres of water**



**₹6.3 million on utility bills**

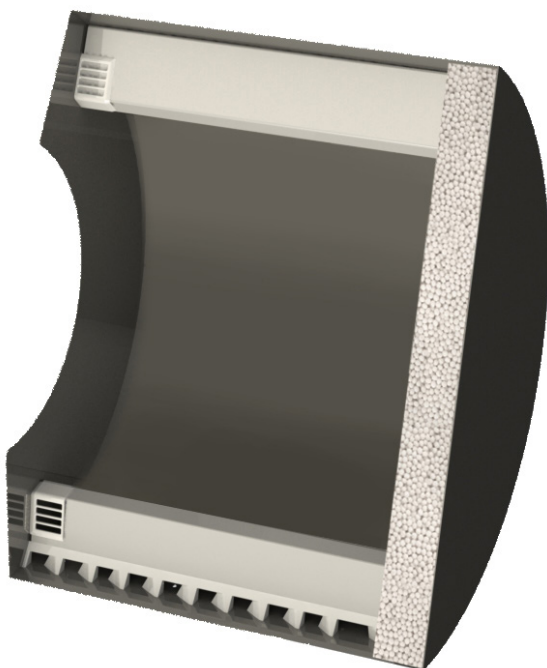
**PER YEAR**

Based on figures from  
Marriott London Heathrow

# Technical Specifications

## Example data sheet

As XDrum™ can be retrofitted to any size machine, the below specifications are just an example.



### Product Features & Benefits:

Incorporating Xeros Technology into your conventional washer is now easier than ever with XDrum™. With minimal changes you can now maintain all of your existing product features and performance while adding all of the benefits that come along with our water savings technology; spray wash, water reclaim, gentler mechanical action and longer garment life. Our cycles are complementary to the standard suite of programs on your conventional washer.

The above image shows how XOrbs™ are stored at the back of the XDrum™

Capacity lbs (kg)	40* (18)
Cylinder Diameter in. (mm)	29.5 (749)
Cylinder Depth in. (mm)	24 (610)
Cubic Volume cu. ft. (liters)	9 (255)
High Extract G-Force	350
Water Inlet connection in. (mm)	3/4 (19)
Drain Diameter in. (mm)	3 (76)
Cabinet Width in. (mm)	38.25 (972)
Cabinet Depth in. (mm)	46 (1168)
Cabinet Height in. (mm)	55 (1397)
Net Weight lbs. (kg)	1,150 (523)

\* This is not limiting and is used simply by way of a typical commercial example.

### Benefits:

up to  
**50%**  
less water

up to  
**50%**  
less chemicals

up to  
**50%**  
less energy

## Can a Hydrofinity System save me money?

Absolutely! The Hydrofinity system uses significantly less water, detergent and energy compared to a conventional washing system. The more you use it, the more money you will save!

## How soon will I see a Return on Investment?

Many of our customers have seen a return on investment in as little as 18 months. This will vary from site to site, but we can create a personalised projection for each customer.

## As well as saving money and being good for the environment, what other benefits does the Hydrofinity system offer?

The system provides superior cleaning, especially on difficult to remove greasy stains. Because cleaning is carried out at lower temperatures and uses less chemistry, it is kinder on your linens too.

## How will I know how much water I am saving?

You will receive regular reports from us showing your water consumption. The Hydrofinity system uses up to 50% less water than conventional systems, so you can expect to see significant savings!

## How are XOrbs™ removed from linens after washing?

XOrbs™ are removed from the load during the separation cycle of the wash programme - both the spheres themselves and our cycles have been specially designed for this separation process.

## Are XOrbs™ recyclable?

Absolutely! Sustainability is our core principle. XOrbs™ are replaced after around a thousand washes and are reused or recycled.

## Do the XOrbs™ damage linens and towels?

No - in fact quite the opposite! XOrbs™ have a gentle tumbling action so there is less creasing. The Hydrofinity system also requires lower temperatures and less detergent, so items look new for longer.

## Can I use beads other than XOrbs™ in my Hydrofinity machine?

No, you shouldn't put anything other than XOrbs™ in Hydrofinity machines - they represent the culmination of years of careful research & development in the laboratories of parent company XTG, and their specification is perfectly suited to the machine itself.



**Dry Dhankar lake in  
Himalayas mountains, India**



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