



Water
Technology
Company



RIVIL MISSION

Accelerate Access to Freshwater
at Affordable Cost

Production of Water

&

Consumption of Water



Water Technology Company

PRODUCTION

Water Generation



Atmospheric Water Generator

Water Saving



Grey Water Recycling

CONSUMPTION

Water Bottle



Time-Marker Function

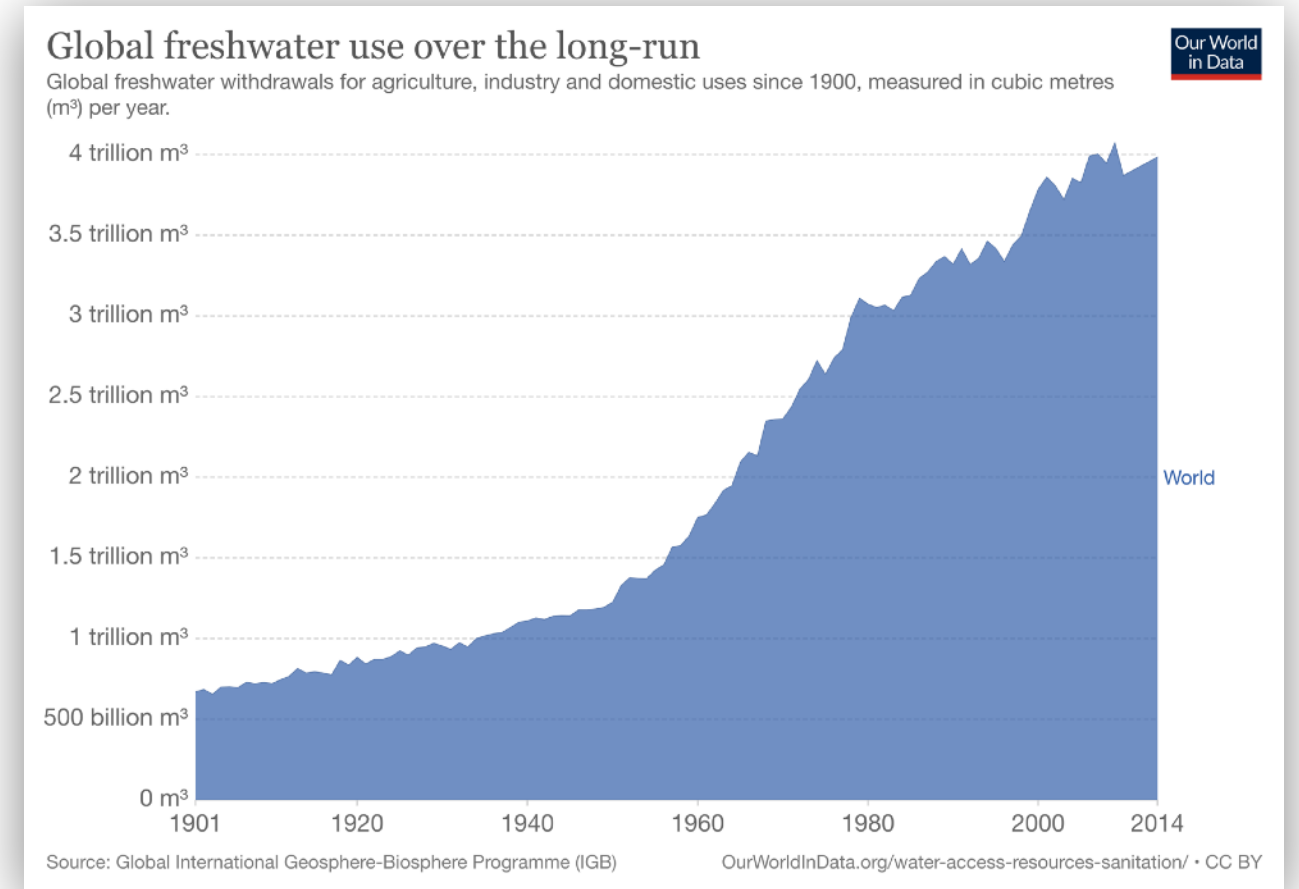
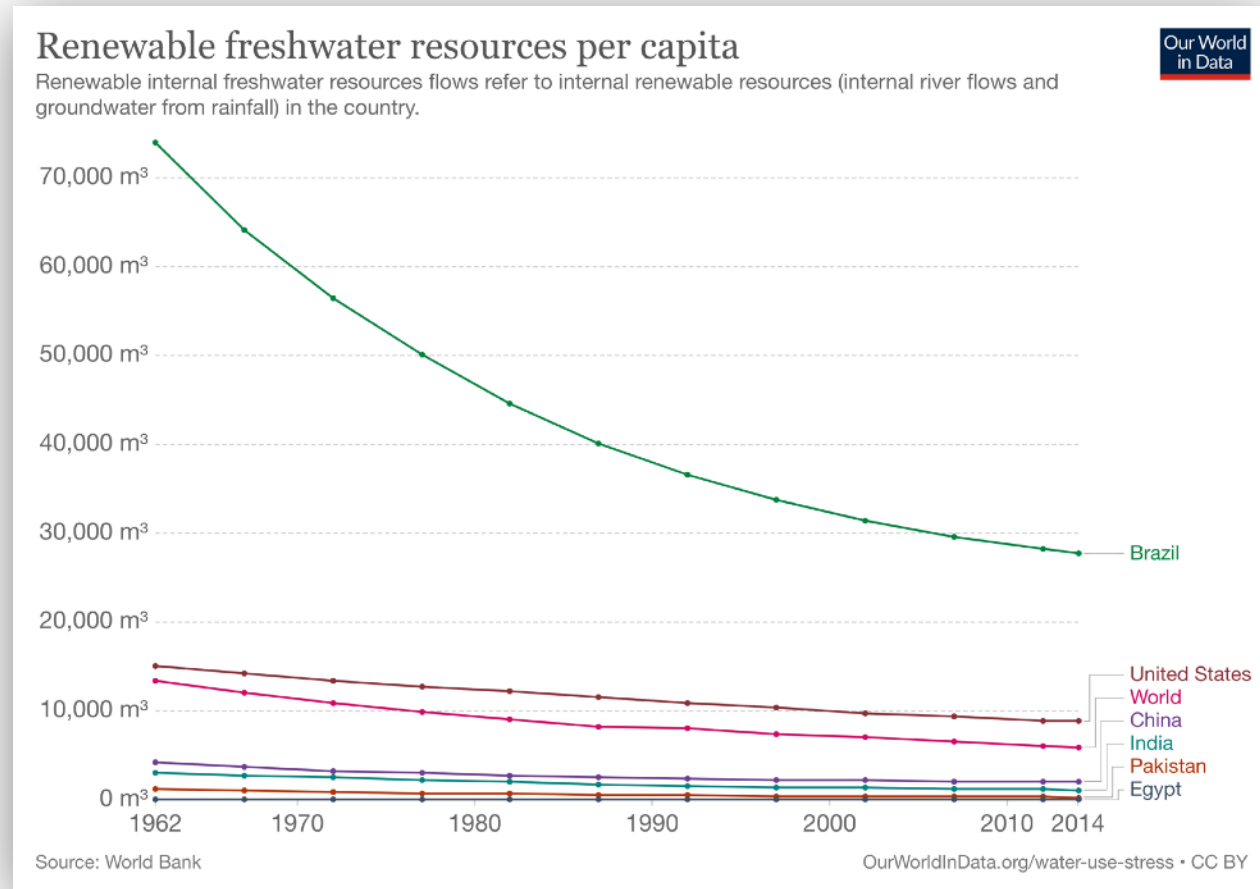
Tap Water Filter



Affordable Drinking Water Filter

Coming Soon

WHY ACCELERATE ACCESS TO FRESHWATER?



Freshwater demand is exceeding water supply due to;

Overpopulation

**Climate
Change**

**Technology
Mismanagement**

MALAYSIA FRESHWATER SOURCES

- Evaporation
- Groundwater
- Surface Run-Off

51.1%
[494 BCM]

42.6%
[412 BCM]

6.3%
[61 BCM]

NEW & UNTAPPED ALTERNATIVE SOURCE OF RENEWABLE WATER

Almost half of all Malaysia water sources comes from evaporated water due to our tropical climate, thus Malaysia has high relative humidity in the air
[Average RH = $\pm 81\%$]

BCM = Billion Cubic Meter

Source: National Water Resources Study (2011)

ATMOSPHERIC WATER GENERATOR [AWG]

Replicates the process of rain

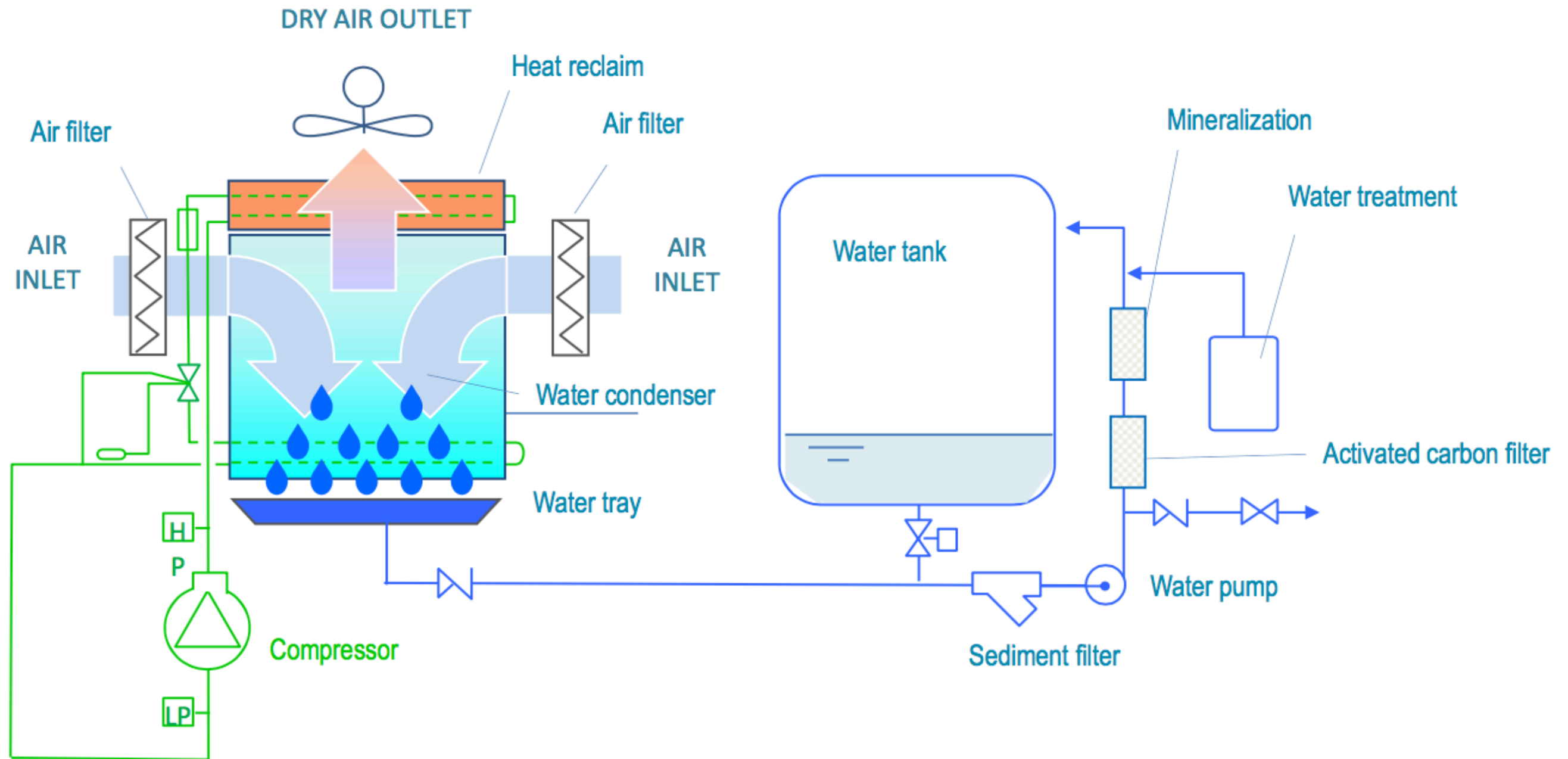
Condensate water from humidity in the air

Use thermodynamic cycle with mechanical refrigeration tech

Only **air and a source of energy** needed



AWG: HOW IT WORKS





RIVIL AWG: PRODUCT LINEUP



stratus
Water Dispenser



cumulus
Emergency Water Supply



nimbus
Remote Water Supply



Plants
Big Scale Customization

Water Production
[per day]

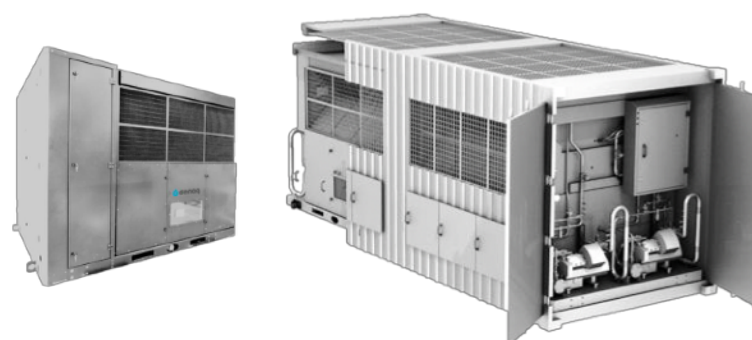
50m³ - 1,500m³

5000 - 10,000
liter

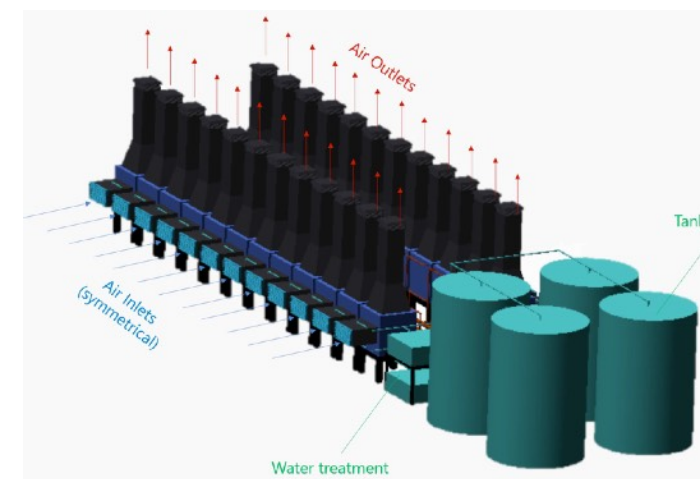
50 - 500
liter



Small Population
[15-250 people]



Medium Population
[1,500-5,000 people]



Industrial /
Large Population

Water
Consumption

RIVIL: AWG PORTFOLIO

INDUSTRY

GLOVE MANUFACTURER

DOMESTIC

HOTELS IN ISLANDS

WATER OPERATORS

ARMED FORCES

HOSPITALS & CLINICS

WATER BOTTLING PLANT

CSR

CLIENT PORTFOLIO



DELEUM



Air Selangor

YTL HOTELS

AWG: LOW COST PER LITER

Lower Cost per Liter than:



Plastic Bottled Water



Water Tanks



Desalination / R.O.

Rivil AWG is the cheapest solution if there is no access to safe water and/or tap water infrastructure

AWG: THE HIGHEST WATER QUALITY

SIRIM QAS International Water Analysis Report No. 2019CE0819



Average pH:

pH7.7

Total
Dissolved Solids (TDS):

42.8
mg/liter

Calcium, Ca:

5.5
mg/liter

Magnesium, Mg:

1.3
mg/liter

Potassium, K:

10.5
mg/liter

MyHIJAU • MARK



This is to certify that

RIVIL SDN. BHD. (1200210P)

111
Jalan Telawi, Bangsar Baru
59100 Kuala Lumpur
WP Kuala Lumpur

has the rights to use the MyHIJAU Mark on the following item:

(Refer to Schedule Page for more details)

Compliance Category:

Performance Standard Compliance

Certification Scheme:

GENAQ atmospheric water generators

Certificate no.: MyHP00199/18

Issue Date: 31-10-2018

Expiry Date: 31-10-2021



Malaysian Green Technology Corporation
(462237-T)

No 2, Jalan 9/10, Persiaran Usahawan
Seksyen 9, 43650 Bandar Baru Bangi
Selangor Darul Ehsan
Malaysia

T : 603-8921 0800
F : 603-8921 0801

www.myhijau.my
www.greentechmalaysia.my

This is a computer generated certificate hence no signature is required.

This certificate is granted subject to the Terms and Condition of usage of MyHIJAU Mark certificate and label.

CERTIFICATION BY GREENTECH MALAYSIA



Our Technology has been officially
certified as Green Technology by
recognition of MyHijau MARK and
listed in MyHijau Directory Online.



MyHP00199/18-D001

RIVIL AWG: PERFORMANCE COMPARISON

<i>Brand</i>	RIVIL	OTHER BRAND	RIVIL	OTHER BRAND
<i>Nominal Generation</i>	500 liter/day	500 liter/day	5,000 liter/day	5,000 liter/day
<i>Nominal Energy Consumption</i>	4.7 kW	12 kW	50 kW	115 kW
<i>Weight</i>	350 kg	560 kg	2,200 kg	4,500 kg
<i>Dimensions (LxWxH)</i>	144 x 112 x 108 cm	235 x 85 x 146 cm	287 x 221 x 217 cm	400 x 400 x 1000 cm

Average Performance Comparison with Other Brand, Rivil AWG Machine is;

2.5x

less energy consumption

1.6x

lighter weight

2.0x


smaller



AWG: POTENTIAL APPLICATION

A photograph of a remote rural area with a small cluster of houses nestled in a lush, green, hilly landscape.

Remote Rural Areas

A photograph of a line of soldiers in camouflage uniforms and berets, holding rifles, standing in formation.

Military/Police
Base Camps

An aerial photograph of a flooded area with houses partially submerged in muddy water, illustrating a natural disaster.

Relief Centers
for Natural Disasters

A photograph of two construction workers on a site with a large crane and building framework under construction.

Construction Sites

A photograph of a large industrial facility with multiple tall chimneys and complex piping structures.

Factories

A photograph of a body of water heavily polluted with floating trash and debris, with a person wading through it.

Water Crisis

AWG: POTENTIAL APPLICATION

An offshore oil rig is shown in the middle of the ocean under a cloudy sky. The rig has a tall derrick and various platforms.

Offshore
Application

The interior of a modern airport terminal with a high ceiling and white structural beams. A glass-enclosed walkway is visible in the foreground.

Airports &
Train Stations

The exterior of a large, multi-story hospital building with a curved facade. The name "PANTAI HOSPITAL KUALA LUMPUR" is visible on the upper part of the building.

Hospitals
& Clinics

A view of a resort on an island, featuring a swimming pool, lounge chairs, and a thatched-roof building overlooking the ocean.

Hotels in Islands

A large, white yacht with a blue stripe is docked in clear turquoise water under a blue sky with some clouds.

Yachts & Trains

An aerial view of a suburban neighborhood with several houses, green lawns, and paved roads.

Domestic:
Homes & Offices



GREY WATER RECYCLING

Grey water is wastewater that is not from the toilet

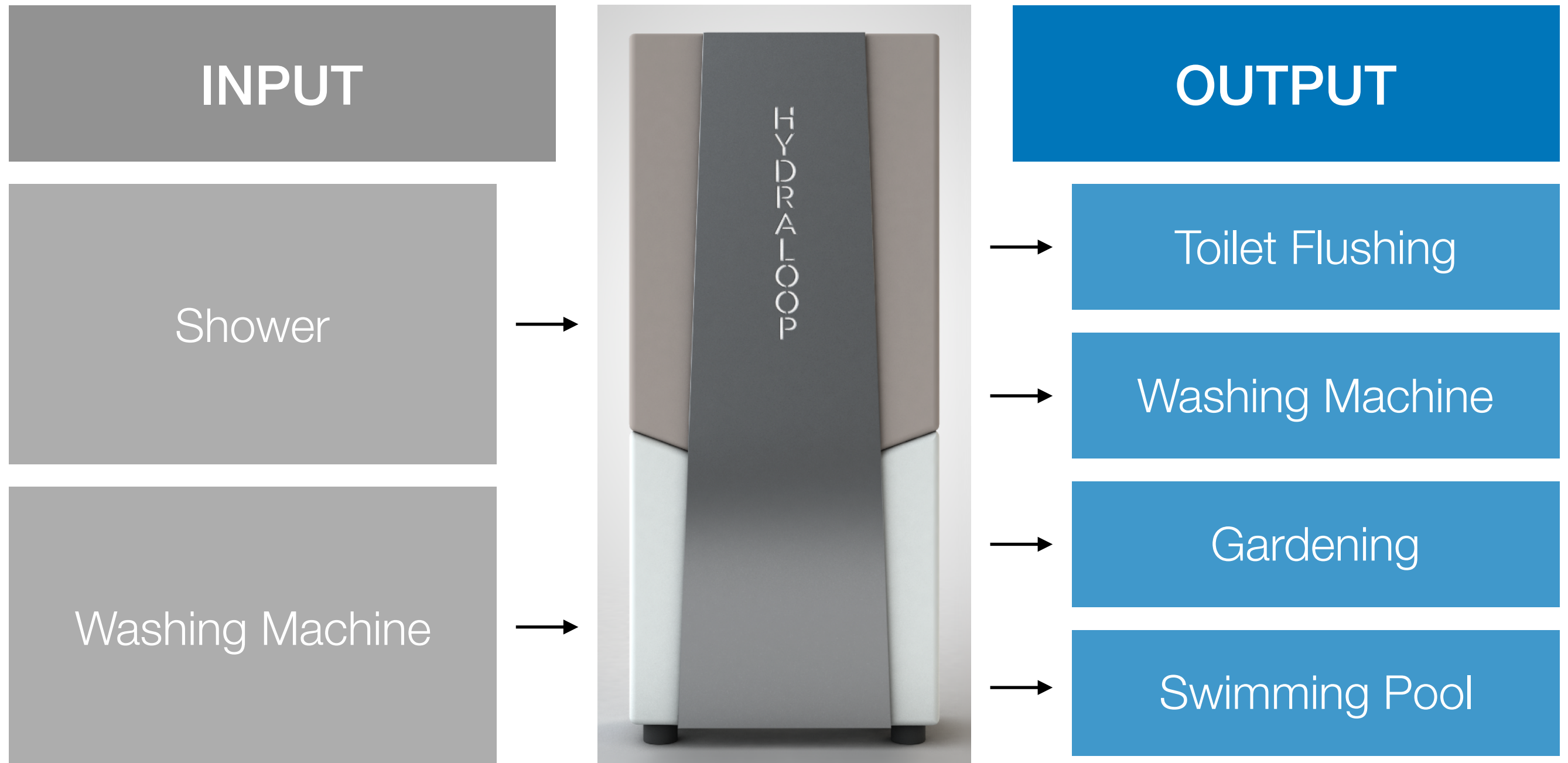
Save up to 85% of water consumption

No Filters & No Chemical

Self Cleaning, Low Maintenance



HYDRALOOP: HOW DOES IT WORK?





Water
Technology
Company



Rivil Sdn. Bhd. [1200210-P]

111, Jalan Telawi, Bangsar Baru, 59100, Kuala Lumpur, MALAYSIA

sales@rivil.co

www.rivil.co/