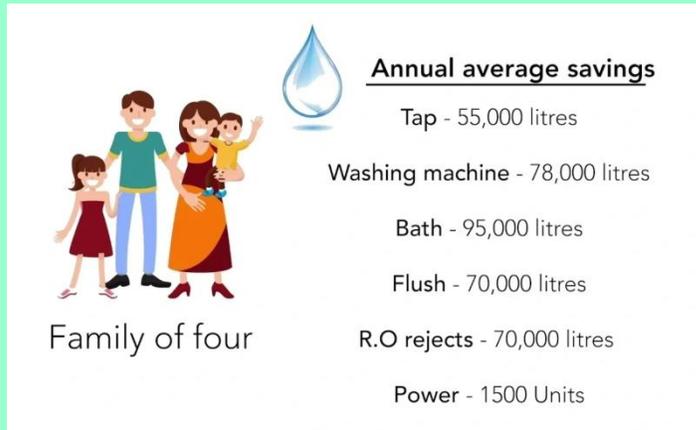


# Water is basis for all life – rethink

[INSTANT ELECTRIC WATER HEATER](#) - [AUTOMATIC GREY WATER REUSE SYSTEM](#) - [LOW FLOW TAP CONNECTOR](#)



Video of Product: <https://youtu.be/9L4RqqyEX4>

Video animation of total application: <https://youtu.be/8F2ICfvVOu4>

**The world today faces the dilemma of water, power & environment on a daily basis due to urban concentration and climate change.**

- Moving water, treating waste, desalination are capital intensive, running cost are high, demographically limited and come back as taxes.
- Fresh water reserves and dams are diverted to cities, making our farmers water poor. Deep aquifer are reserves of our future, excessive withdrawal of the water leads to land cave-in which are happening around the world.
- Rather than providing more water to create more sewage and thereafter treat it at a cost is unwarranted, it makes sense to reduce our consumption.
- Total consumption of water for bathing, hand wash, washing machine, RO rejects are suitable for reusing for flush, gardening and it can bring down fresh water usage by 252 liters per day per person. Many countries have already made it mandatory to reuse water.
- With innovation from Rethink its possible to be frugal in consumption, yet highest standards on hygiene. The total effect of reusing the grey water for flushing makes it a excellent solution. Thus input of fresh water & output of sewage are taken care to the highest possible levels leading to 80% saving in all spheres of application.

Lower water usage for a city / piped water systems means:

- Leakage of fresh water with our delivery system, which account between 10 ~ 40% of total fresh water can be brought down by 80%.
- Spillage of sewage average of 20 ~ 40 % (accounted) can be reduce by further 80%.
- 1/3 of the urban energy consumption for filtration of fresh water and its pumping, there after removal of sewage or treating can be brought down by 80% because of lower quantities handled.

## PAY BACK - ROI

- An approximate insight on cost as per current conditions prevailing for different countries for 20 years. User can define local values & current estimate actual cost in the black box. The price of input / services will escalate and the same has not been factored in the calculation. Kindly refer data written in purple to know your savings in comparison. To maximize return on investment combine products from reThink.
- PAY BACK FOR ALL OUR PRODUCTS IS FEW MONTHS ACROSS THE WORLD - EXCEL SHEET AVAILABLE FOR DIFFERENT COUNTRIES BELOW

[ROI - INDIA](#) - [ROI - KINGDOM OF SAUDI ARABIA](#) - [ROI - UNITED ARAB EMIRATES](#) - [ROI - UNITED STATES OF AMERICA](#)

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## Electric Tank-less Water Heater

### [INSTANT ELECTRIC WATER HEATER](#)

Worlds most efficient 2 LPM shower, to save fresh water, power & reduce pollution.



State of the art, feather touch, built in pressure pump, real time water & power usage calculations and host of new features with safety and very long service life.

Rethink shower uses between 1 ~ 2.2 liters per minute (LPM) and consumes 8 ~ 14 liters for an average 8 minutes bath.

**SHOWER HANDLE** is 2.2 LPM Low flow shower instant electric water heater low flow infinitely controllable for the flow of water, it has different modes for pressure cleaning or hydration. Using Ceramic disc contact wet parts, having long service life.

- In first mode only 0.9 LPM of water is pressure ejected in concentrated form which is useful for removal of soap, dirt or shampoo with relative ease and reduce bath time.
- In second mode only 1.6 LPM water is pressure ejected, creating millions of droplets, which is useful for hydration and leading to better cleaning.
- In third mode only 2.2 LPM water is used, which enables the user to either use it as hand held or to fix the handle on the wall stand and use our shower system as a over head unit. This enables user to clean inaccessible areas like the back etc with ease.

**PUMP** : Our unit has an inbuilt pressure pump, which dynamically pressurizes the water output, helps in better cleaning, and reduces the time required for the bath. The droplet size and pressure not only hydrates but also cleans the skin effectively. Therefore the need to rub the skin after bath is avoided, thus reducing skin rashes, reddening etc. Our shower unit takes care of the health of the skin in the long run.

**POWER** : An average 75% power saving by use of state of the art heating element works silently. Reduction in usage of water by 80% leads to lesser cost of heating, transferring, pumping, storing etc. Water flows through stainless tube while getting heated, ensures no deposition or scaling thus extending the life of heater. Stainless steel water carrier tube will not corrode or scale even after long usage. Thus rethink showers have the latest heating technology to reduce power consumption and very high service life.

**DISPLAY & FEATHER TOUCH** : Rethink shower comes with large digital display showing Voltage, Real time Water & Power consumption. The feather touch allows the users to set the temperature or pressure etc with relative ease.

**SAFETY** : Rethink is manufactured as per International electro-technical Commission (IEC), CE , CB & GCC, IPX25. Rethink comes with host of safety features, like auto shut down in the event of dry run (No water), short circuit or high voltage thus keeping the equipment and the user safe under all condition

**COST, SPACE & MODULAR DESIGN** : Easy to fit. No need of high cost mixers, or extensive plumbing , leading to substantial cost saving . In comparison with the existing systems the pay back for the unit will be less than a year. Combined with long service life. Refer: Our excel sheet for different countries provided above.

**LARGE ESTABLISHMENTS OR RETROFIT** : Rethink can work along with any existing system with relative ease and yet make substantial saving on water and power.

FREQUENTLY ASKED QUESTIONS: [FAQ](#)

## WATER HEATER COMPARISON

Usage for family of five PER YEAR	5.5 Kw RETHINK Shower	5 Kw Gezer Shower Regular	2 Kw Gezer Bath with bucket & mug
Life span	20 years	8 years	8 years
Water usage liters per year	18.25 KL	109.5 KL	27.37 KL
Water usage liters 20 year (*ref excel sheet)	365 KL	2190 KL	547.5 KL
Power usage units per year	< 216	> 956	> 383
Recurring cost	Low	High	Medium
Real time water usage data	Yes	No	No
Real time power usage data	Yes	No	No
Hot & Cold water mixer	NA	Required	Manual
Ease of Use	Yes	Medium	No
Cleaning efficiency	Very High	Medium	No
Water flow control	Infinite	Medium	No
Size	Compact	Big	Medium
Temperature control	As desired	Medium	Variable
Time required for heating desired temperature	Instant	30 Min	30 Min
Cold water sandwich	No	Yes	Manual
Scaling (*ref Hard water solution)	No	Yes	Yes
Shower head clogging (Blockage)	No	Yes	NA
Scope for scalding	No	Medium	High
Filter for removal of solids	Yes	No	No
Pump built in to increase pressure	Yes	No	No
Pressure control (High Rise Buildings)	Yes	No	No
High temperature cut off	Yes	No	No
Dry run protection (No water)	Yes	No	No
High voltage power shut down	Yes	No	No
Safety in case of power leakage	Yes	No	No
Water proof	IP25	No	No
Modular design DIY (Ease of fitting)	Yes	No	No
Eco friendly	Yes	No	Medium
Reduction of Carbon footprint	High	No	Medium
Error Code High temperature	Yes (E1)	No	No
Error Code Electricity leakage	Yes (E2)	No	No
Error Code Temperature sensor failure	Yes (E3)	No	No
Error Code High Voltage > 265 volts	Yes (HI)	No	No
Error Code Low Voltage < 180 Volts	Yes (LO)	No	No

\*NA = Not applicable

\*IP25 = Standards of water proofing

\* 1 KL = 1000 Liters

Note: The user is advised to compare the latest developments that happen in the market every day to consider our data depicted in table.

# Automatic Grey Water Reuse System



**Fully automated Water from bath, washing machine , RO unit etc, for Reuse to Flush / Gardening**

This Automatic grey water reuse system is incorporated with patented technology, eradicating the need for storage tank, combined with highest multi-safety devices, and long service life. Reuse of grey water and lower power consumption for the benefit and sustainability of mankind.

- Grey water reuses & reduces fresh water usage, by using Waste water from showers, Washing machine, RO or any other source of grey water , which are low in pollutants and thus high in potential for reuse. Just connect grey water outlet and everything else is take care automatically
- Our system is designed with state of the art intelligent technology, to switch on automatically sensing the water availability, without the need for human intervention.
- If the tank is empty the red light will start blinking to alert the user to use alternate source.
- Anti-skid tray has been provided for highest safety at the time of having bath. Space saving modular, convenient & easy to fit design: The grey water collection unit has been designed to fit in existing bathroom without making any structural changes. The shower tray can also be used on the existing floor or with bathrooms having sunken floor.
- Pay back : Return on investment - ROI - refer EXCEL SHEET available for different countries.

FREQUENTLY ASKED QUESTIONS: [FAQ](#)

## AUTOMATIC GREY WATER REUSE SYSTEM COMPARISON

<b>Usage for family of four per year</b>	Grey water recycling for independent Homes	STP or ETP Plant	<b>RETHINK Grey water system</b>
Application			
Life span	5 ~ 10 years	5 ~ 10 years	<b>20 years</b>
Water from washing machine liter	78,000	78,000	<b>78,000</b>
Water from RO filter unit reject	70,000	70,000	<b>70,000</b>
Water from Shower bath	1,02,200	1,02,200	<b>Nil</b>
Water from Rethink shower unit	Nil	Nil	<b>14,600</b>
<b>Fresh water saved for flushing</b>	<b>Nil</b>	<b>Nil</b>	<b>70,000</b>
<b>Water recycled for Flushing</b>	<b>70,000</b>	<b>70,000</b>	<b>Nil</b>
Power usage units per year	Medium	High	<b>&lt; 5</b>
Dry run protection (No water)	No	No	<b>Yes</b>
Capital cost	Medium	High	<b>Low</b>
Recurring cost	High	Medium	<b>Nil</b>
UV treatment	-----	-----	<b>Yes</b>
Ease of Use	Medium	No	<b>Yes</b>
Automation	Medium	Medium	<b>Total</b>
Size	Big	Big	<b>Compact</b>
Modular design (Ease of fitting)	No	No	<b>Yes</b>

**Note: The user is advised to consider the latest developments that happen in the market every day to consider our data depicted in table.**

## LOW FLOW TAP CONNECTORS



- Suitable for FEMALE M24 and MALE M22 & M28 size taps.
- The flow of water is manipulated delivering the highest cleaning efficiency using the least quantity of water.
- Consuming an average of only 300 ~ 400 milli liter per minute depending upon the pressure available.
- Suitable for non-pressurized (low flow) and or pressurized water flow with minimum variations in the flow.
- MOC: BRASS (lead free) and Chrome plated.
- NON CLOGGING design with single large hole design for very long service life.
- RETURN ON INVESTMENT - ROI - PAY BACK refer EXCEL SHEET

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INFORMATION : [FREQUENTLY ASKED QUESTIONS](#) - [SHORTAGE](#) - [REUSE](#)

EXHIBITS: [PHOTOS](#)

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