

A **TATA** STEEL PRODUCT

ALL TIME WATER KIOSK
Dispensing Pure Water



QUENCH YOUR THIRST

Anytime, anywhere



It's time to use your
power to change
things for them



ALL TIME WATER KIOSK

Dispensing Pure Water



When we finish the last drop of water from our bottles at home, all we need to do is switch on the purifier and refill it – a matter of mere minutes.

But not everyone in India is so fortunate, and the next drop of water is far and unsafe to drink.

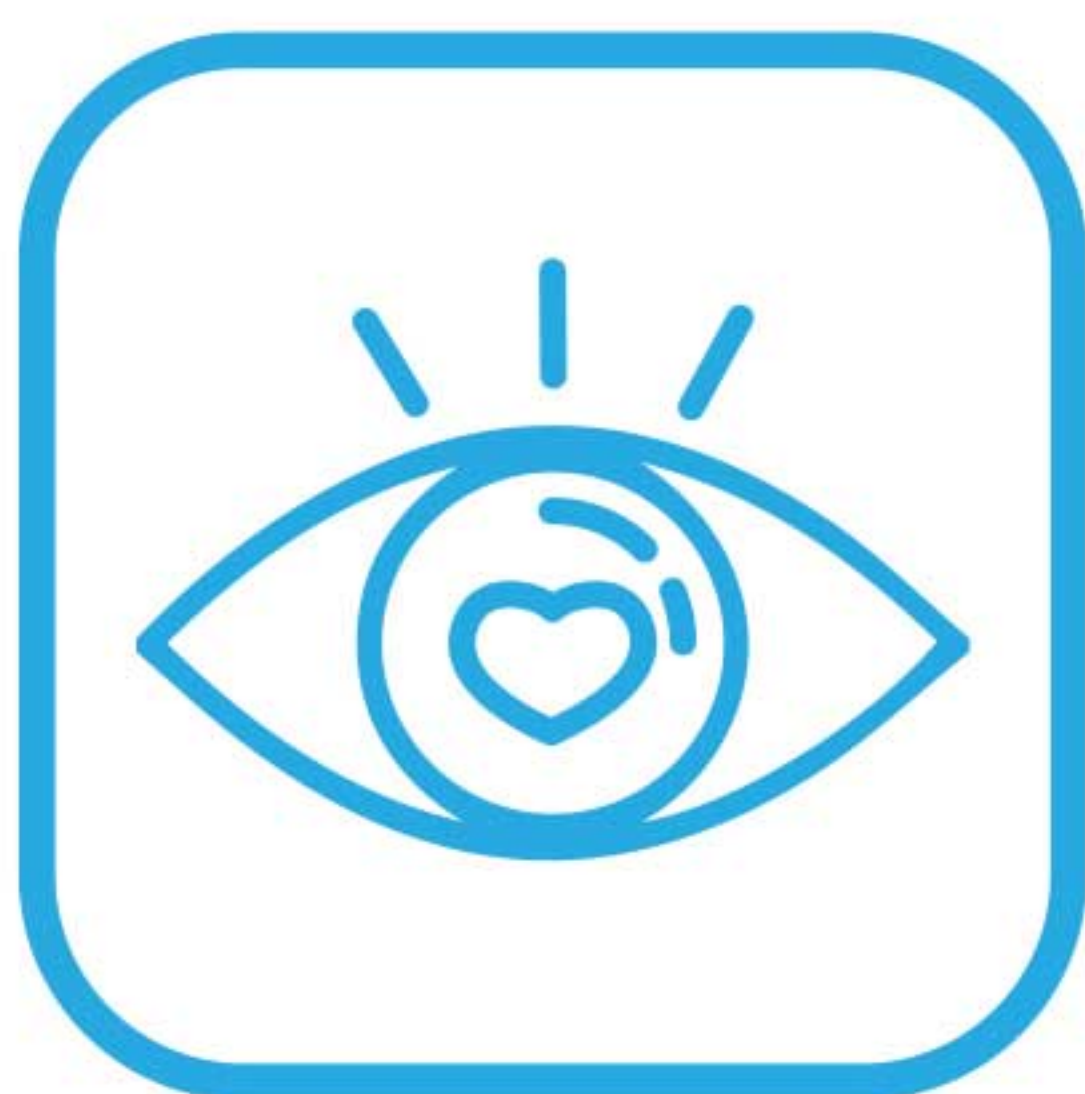
Many Companies and Governing bodies are coming forward to address this urgent need. But they are faced with a dearth of trusted partners, who can give them the right solution with a hassle-free turnkey project delivery and a way forward for handling the unit's operations.

Nest-In introduces ATW Kiosk – where pure water flows out every time someone comes for a refreshing refill of water. Our aesthetic solution optimises available space and maximizes water dispensing.

ATW Kiosk also offers an interesting opportunity for developing community entrepreneurship, making it self-sustainable and improving the life of the community in which it is placed.



Structure



Aesthetically attractive and robust modular unit



Insulated steel structure : Galvanized steel panel 50 mm thick (with two sheets of 0.4mm and 0.5mm) filled with PUF of density 40kg.m3



3 stainless steel dispensers and product water tank for rust resistance (grade 304)



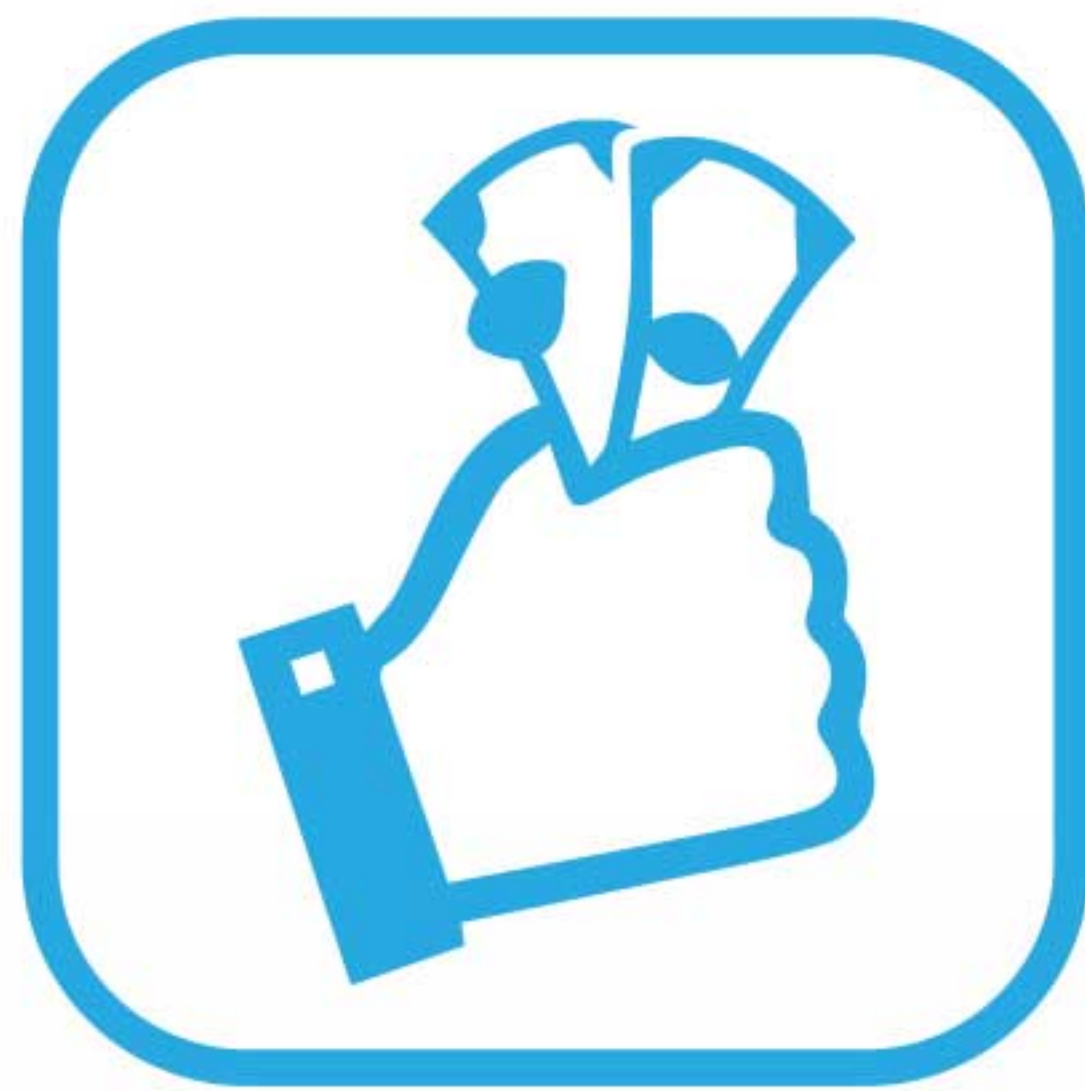
Coin/card operated (option for Rs. 1, 2, 5 coins)



Programmable water quantity selector (between 200 ml to 10 l)



Option for cold water



Revenue generating self-sustainable unit – best suited for community operations





Stainless steel dispenser



Coin/card slots



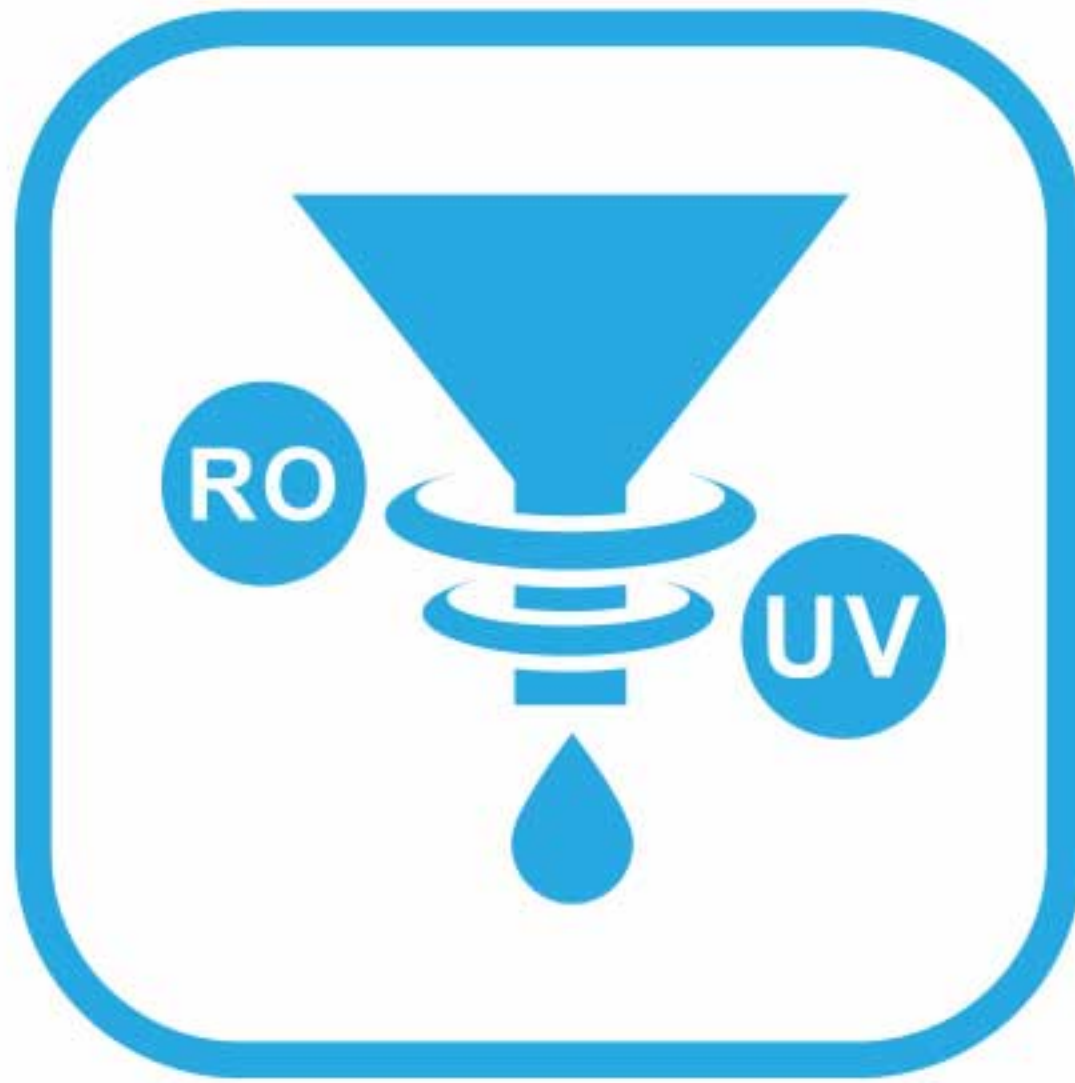
Inside the plant

Features

Purification Plant



Manual/auto operated



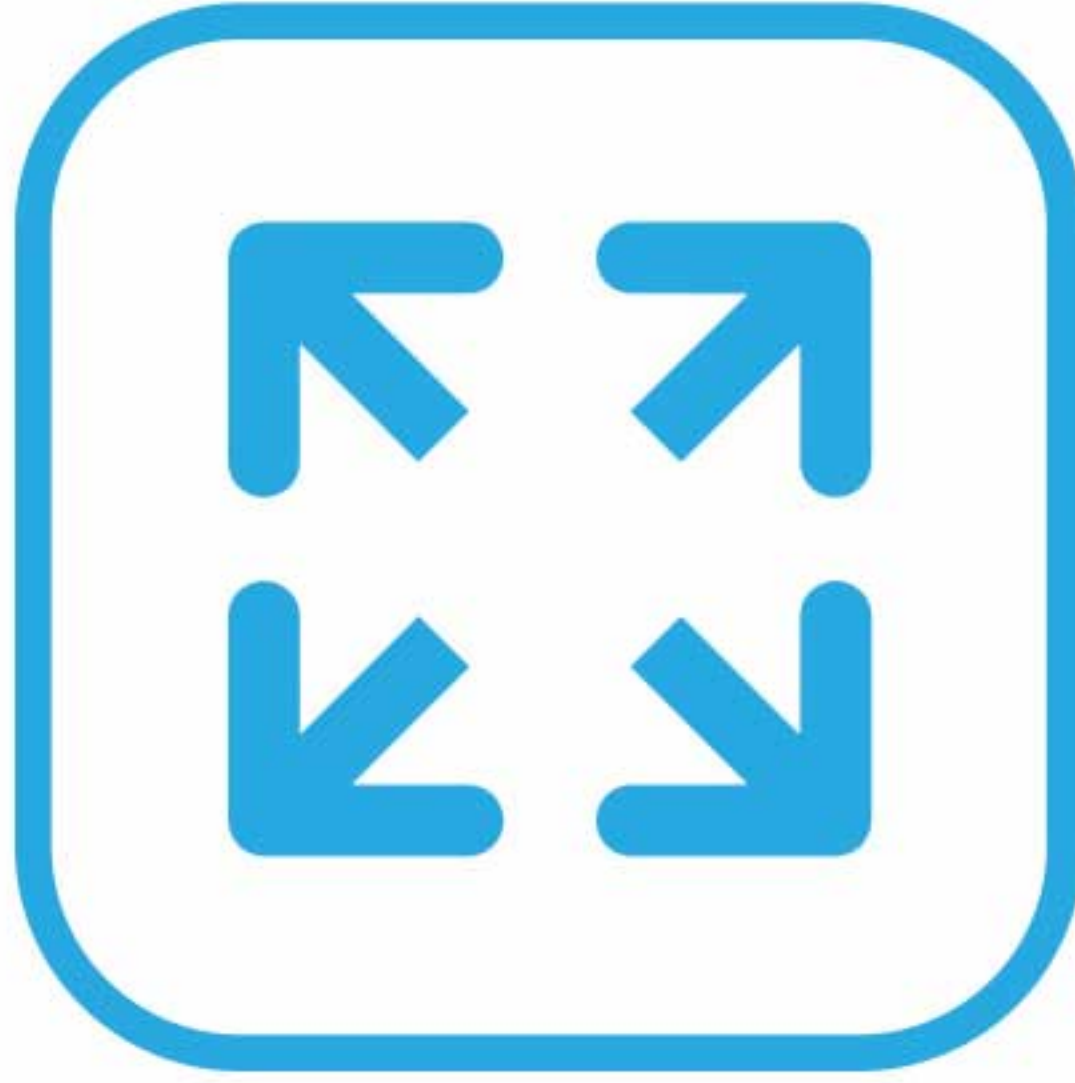
RO/UF/UV filtration



IS 10500 code compliance



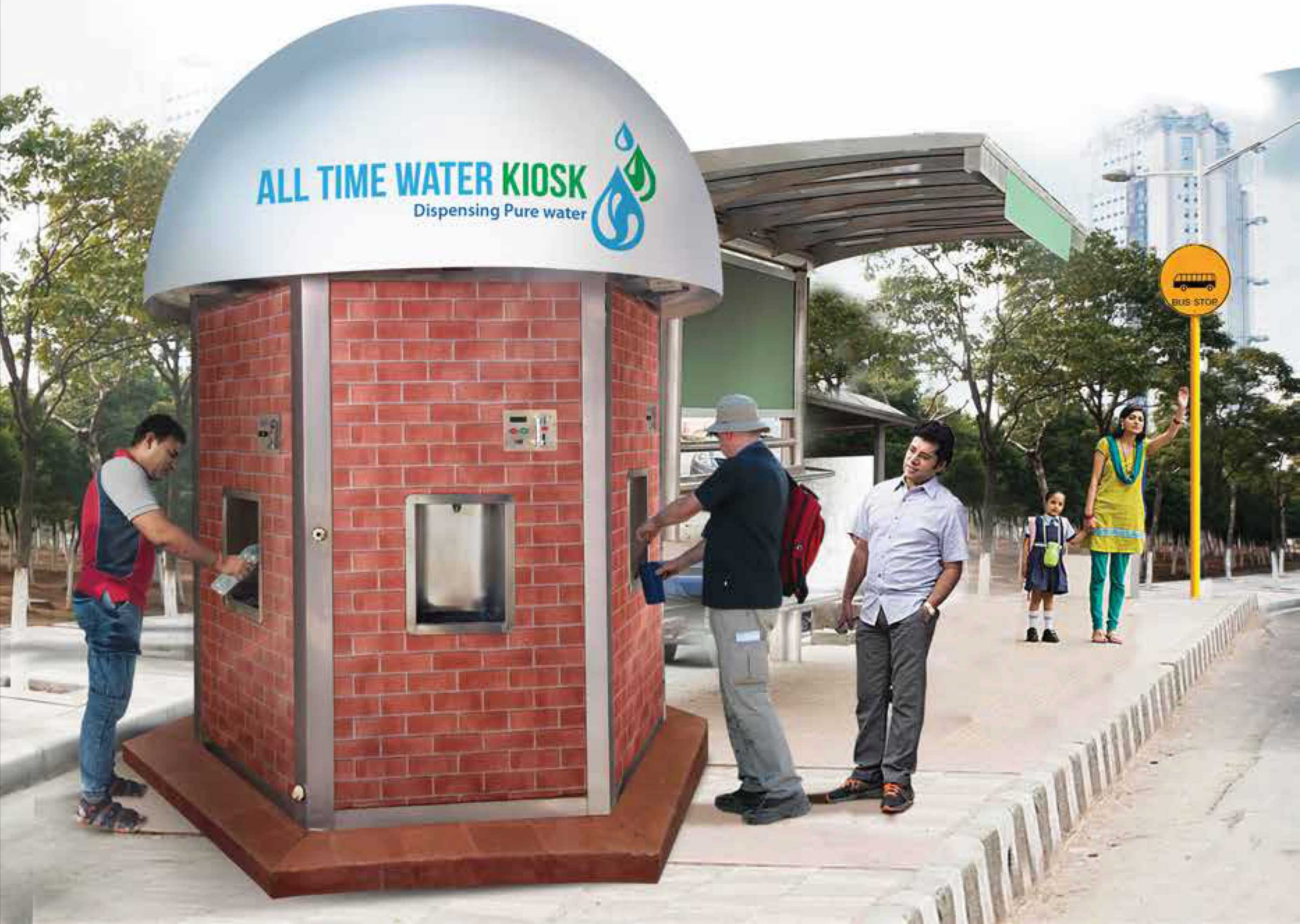
Easy to use single phase design that works up to TDS 3000 ppm



Capacity of 250 lph, 500 lph and 1000 lph



Integrated SIM based communication



We offer 2 technologies and 3 capacities of the purification plant. The comparison between the variants offered is tabulated below:

Capacity	RO+UV	UF+UV
250 lph	<ul style="list-style-type: none">Raw water quality TDS <3000 ppmTurbidity <5NTURecovery 25%Avg Flux 21 lm2/hrSingle phase electric load 2KwPlant weight 100 kgDimensions 800L*500W*1430HProduct water quality TDS < 100 ppmAs per IS 10500	NA
500 lph	<ul style="list-style-type: none">Raw water quality TDS <3000 ppmTurbidity <5NTURecovery 45%Avg flux 21 lm2/hrSingle phase electric load 2.2KwPlant weight 210 kgDimensions 1750L*650W*1725HProduct water quality TDS < 100 ppmAs per IS 10500	<ul style="list-style-type: none">Raw water quality TDS <200 ppmTurbidity <25NTURecovery 90%Single Phase electric load 0.375KwPlant weight 150 kgDimensions 1000L*700W*2200HProduct water quality TDS <200 ppm, TSS < 1ppm Turbidity<1(0.5) Microor ganism, Bacteria, Pseudomonas, Diminuta, E.coli >4 log
1000 lph	<ul style="list-style-type: none">Raw water quality TDS <3000 ppmTurbidity <5NTURecovery 58%Avg flux 21 lm2/hrSingle phase electric load 3KwPlant weight 270 kgDimensions 2500L*600W*2200HProduct water quality TDS < 100 ppmAs per IS 10500	<ul style="list-style-type: none">Raw water quality TDS <200 ppmTurbidity <25NTURecovery 90%Single phase electric load 0.5KwPlant weight 175 kgDimensions 1200L*x 700W*x 2200HProduct water quality TDS <200 ppm, TSS < 1ppm, Turbidity<1(0.5), Microor ganism, Bacteria, Pseudomonas, Diminuta, Ecoli >4 log



purification plant

*System may vary based on source of raw water

1. NTU: Nephelometric Turbidity Unit (measures intensity of light scattered at 90 degrees as a beam passes through a water sample.)
2. ppm is parts per million

Nest-In provides a complete turn-key solution which includes the installation of the unit, and add-on services like:

Input water quality testing



Expert advice regarding right technology based on prevailing input water quality

Connecting with identified NGOs and SHGs to facilitate operation of the unit post installation, thereby providing an ecosystem for smooth running of unit



Option for AMC to ensure hassle-free maintenance all year round





ATW Kiosk also offers an opportunity for development of entrepreneurship in the community. The coin/card based water dispensers become a self-sustainable revenue model, an approximation of which is tabulated below:

Description	Daily units	Daily (₹)	Annual (₹)
Costs:			
Electricity @ ₹ 6 per unit	12	72	21,600
Raw water @ ₹ 1 per 100 L	2000	20	6,000
Maintenance charges		117	35,000
Misc. expenses		50	15,000
Total expenses		259	77,600
Revenue:			
Water @ ₹ 1 per litre	1000	1000	3,00,000
Net Earnings per Kiosk		742	2,22,400

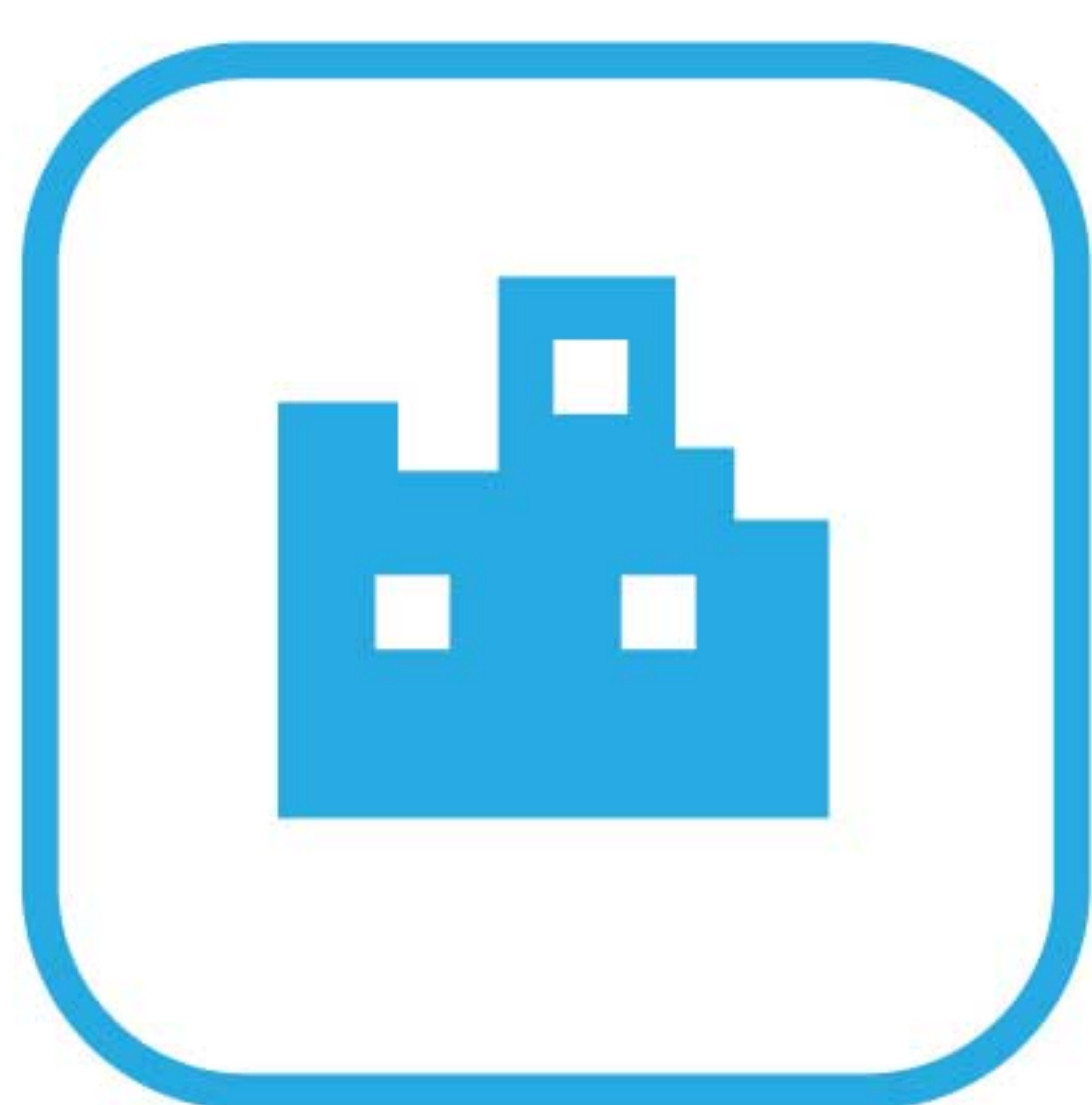




ATW Kiosk is the right choice to provide a clean and safe drinking water solution in any public place. Some ideal applications would be:



Railways



Smart Cities



Hospitals



Market Places



Schools and Colleges



Large Corporate Campuses



Bus Stands



Highway Halts



Parks and Gardens



Monuments / Heritage sites

Installation Pre-requisites

- Area: 50 sq. ft. easy accessible area
- Water and Electricity: 24x7 or intermittent water source and continuous 240 V, 3 kW power supply connection
- Drainage: Availability of drain for waste water removal. The water can be used for sanitation or cleaning purpose

EzyNest ensures better living



88% of deaths occur from diarrheal diseases

Water, sanitation and hygiene prevent **9.1%** of diseases

650 million people do not have access to safe water

2.4 billion people have no safe sanitation facilities

Most primary schools lack **safe water**

Nearly $\frac{2}{3}$ rd of all schools lack adequate sanitation

War takes less lives than that claimed by
diarrheal diseases



EzyNest

A Tata Steel Product

MODULAR TOILETS

The one-stop sanitation solution

Robust and insulated super structure with waste management, plumbing and electrical fittings.

Available in attractive designs and colour options.



	SINGLE	DOUBLE	TRIPLE	QUADRUPLE
Size	3' x 4'	6' x 4'	9' x 4'	12' x 4'
Super structure supply price in INR*	₹ 3390	₹ 63500	₹ 89900	₹ 118000

*Ex-factory, excluding taxes

Unique Features - Modular Toilets



Foundation



Wash Basin



Water Tank



Exhaust Fan

Additional Features - Differently Abled Friendly Modular Toilet



Hand Railing



High Wash Basin



Slope entry



Available in Western & Indian style



OTHER SOLUTIONS



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