

5'R's

Reuse | Respect | Reduce
Recycle | Replenish



An IPA Social Mission on Save Water

"Jal Hai to Kal Hai"



**Join the mission to
Save 1000 crores litres of water in 2023**

INDIAN PLUMBING ASSOCIATION

www.indianplumbing.org





***Once you carry
your own water,
you will learn
the value of every
drop.***

- Water, because of your presence, the Atmosphere is so refreshing, and imparts us with vigour and strength. We revere you who gladdens us by your Pure essence.
- Water, this auspicious Sap of yours, please share with us, Like a Mother desiring (to share her best possession with her children).
- Water, when your invigorating essence goes to one affected by weakness, it enlivens him,
- Water, you are the source of our lives.



*Source : Apah Suktam (Rig Veda 10.9) -
In Sanskrit with Meaning and Video*

WATER SAVING TIPS

For Everyday Use



Take a short shower.
A showerhead uses as much as 16 litres per minute. Install a compensating washer for regulated flow.



Use dishwasher and washing machine only for full loads



Install Pressure compensating washer for regulated flow

Water Saving of 30% without compromising on the comfort of the user



Don't use a hosepipe to wash your car, use a bucket to save water.

Water your lawn or garden early in the morning or late in evening - before 10 am or after 4 pm



Water your garden with a watering can early morning rather than a hosepipe.



Use plants that require less water.

Water Saving of 30% without compromising on the comfort of the user



Turn off sink faucet while scrubbing dishes and pots.

Get a BEE Star labeled washing machine.



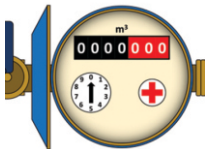
Install Dual Flush
Flush your Toilet
only when necessary

Use a broom, not a hose,
to clean driveways and walkways.



**Water Saving of 30% without compromising
on the comfort of the user**

Install water meter
to keep an eye on
your usage



Install Pressure Compensating
Aerator in all faucets for
regulated Water flow

Use a broom, not a hose,
to clean driveways and walkways.



**Water Saving of 30% without compromising
on the comfort of the user**



BHARAT TAP

- An Initiative



Shri Hardeep Singh Puri,

Honourable Union Minister,

MoHUA launched the '**Bharat Tap initiative**',
a program to develop awareness on the use of
low-flow fixtures and sanitaryware on
12th May 2022 during the PlumbexIndia 2022.



BHARAT TAP

- An Initiative

Water Saving Calculation in
Residential Projects with 3 Star rating Products
Ref: 17650 Part 2

Wash Basin Pillar Tap

Normal Flow	8-10 lpm
Flowrate as per IS17650 Part 2	3 lpm
Saving (lpm)	6 lpm
Time of use of Pillar Tap	2 min/day
Thus, we can save per WB / (lpm)	12 litres/ day
Thus, yearly saving per WB Pillar Tap (365 d*12 lpd)	4380 liters/ year

Use
Water Efficient Sanitaryware
& Sanitary Fittings as per
IS 17650 Part 1 & Part 2



**Save 67%
Water at Source**



BHARAT TAP

- An Initiative

Water Saving Calculation in
Residential Projects with 3 Star Products
Ref: 17650 Part 2

Kitchen Sink Tap

Normal Flow	8-10 lpm
Flowrate as per IS17650 Part 2	4.5 lpm
Saving (lpm)	4.5 lpm
Time of use Kitchen Sink	20-30 min/day
Thus, we can save per Kitchen Sink	112.5 liters
Thus, yearly saving per Kitchen Sink (365 d * 112.5 lpd)	41063 liters/year

Use
Water Efficient Sanitaryware
& Sanitary Fittings as per
IS 17650 Part 2



Save 50%
Water at Source



BHARAT TAP

- An Initiative

Water Saving Calculation in
Residential Projects with 3 Star Rating Product
Ref: 17650 Part 2

Overhead Shower

Normal Flow	10-12 lpm
Flowrate as per IS17650 Part 2	6.8 lpm
Saving (lpm)	4.2 lpm
Time of use Shower	3-5 min/day
Thus, we can save per Shower (lpd)	16.8
Thus, yearly saving per Shower (365 d*16.8)	6132 litres/ year

Use
Water Efficient Sanitaryware
& Sanitary Fittings as per
IS 17650 Part 2



**Save 39%
Water at Source**

FIX LEAKAGE **SAVE MONEY**



One drop Per Second

1 day loss	4.3 Litres
1 Month loss	130 Litres



Two drops Per Second

1 day loss	14 Litres
1 Month loss	380 Litres



Braking Stream Per Second

1 day loss	91 Litres
1 Month loss	2650 Litres



1.6 mm Stream

1 day loss	320 Litres
1 Month loss	9460 Litres



2 mm Stream

1 day loss	980 Litres
1 Month loss	29520 Litres

**Water Saving of 30% without compromising
on the comfort of the user**



WHEN YOU
PROTECT WATER
YOU PROTECT
WHAT YOU LOVE

Animals, kids, our environment-everything



"Jal Hai to Kal Hai"



Redefining Plumbing Standards

Indian Plumbing Association

30 Years in Service to the Nation

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