

Start Rainwater Harvesting Today

# NeeRain Rainwater Filter

Water for You, Free for Life





नीर [Neer ] means water in Sanskrit and Rain is water.

Our name; NeeRain defines the purpose and goal of our existence.

NeeRain offers 'Do it yourself, plug and play' Rainwater filters for the common man to adopt it and live a water secure life.

NeeRain empowers our habitats with easy, effective and economical rainwater filters to harvest Rainwater from their premises.

NeeRain is committed to make, Rainwater Harvesting, people's movement to resolve the acute crisis of water for a healthy and happy life.

NeeRain is a Government of India approved young startup, incubated at CrAdLE, EDII



# NeeRain Rainwater Filter





# Working Video

<https://youtu.be/TkXciDWuvRQ>

See How the NeeRain rainwater filter works and understand better.



# Product Video

<https://youtu.be/9UQjhdWMQqg>

Find all the features of NeeRain Filters, along with how and where can you harvest rainwater



# Features of NeeRain Filter

NeeRain is truly compact, requires less space.

NeeRain works on lower head.

NeeRain is truly modular in nature and ready to use.

NeeRain doesn't need any excavation or special preparation at site.

NeeRain is online filter that not only cleans water but drains impurities too.

NeeRain doesn't waste water along with impurities in drain outlet

NeeRain can be installed within 3 hours by a semi skilled local plumber.

NeeRain requires no maintenance as it drain impurities automatically

NeeRain does not require manual intervention; saves rainwater 24 x 7.

NeeRain operates on gravity, doesn't require electricity.

NeeRain can be installed on a wall or ground; allows users high level of flexibility.

NeeRain doesn't have any recurring cost as no consumables required

NeeRain is ideal for retrofit as well as for new construction

NeeRain has low plumbing cost as the inlet and outlet can be fitted with same down take pipe

NeeRain has two-stage of filtration for large and micro impurities up to 100 Micron

NeeRain allows monitoring of rainwater harvesting live.

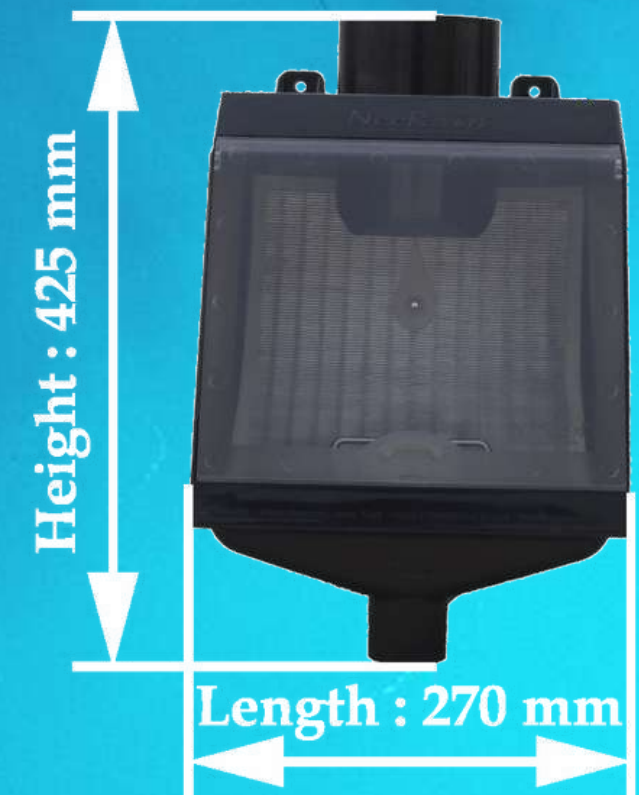
NeeRain has a long performance life

NeeRain delivers the highest efficiency for water





# Dimensional Specifications





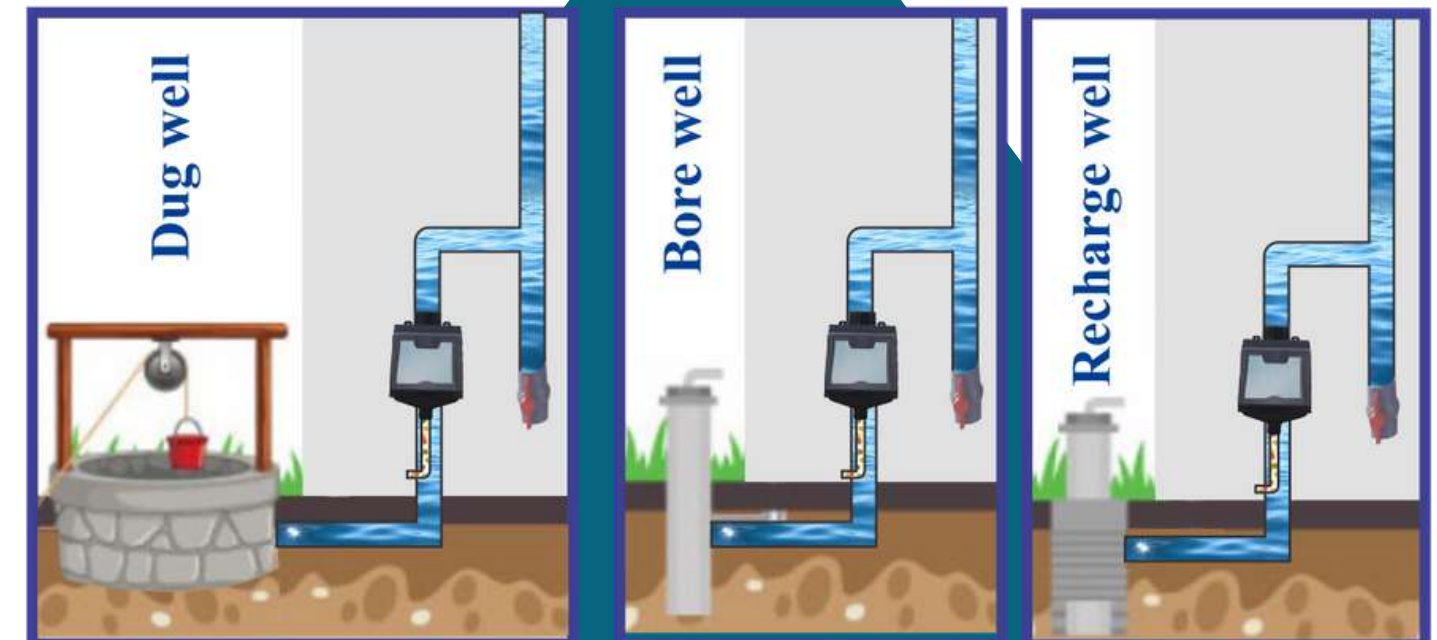
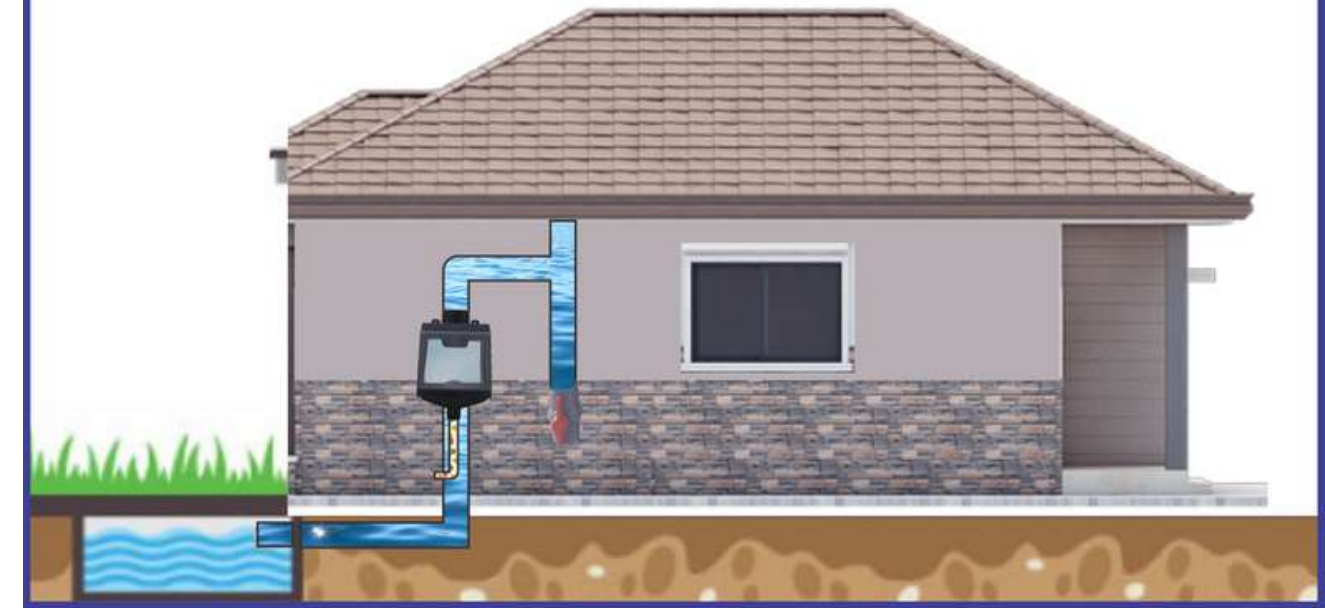
Criteria	Existing Rainwater Filter	NeeRain Rain water Filter
Wastage of water	Yes - about 15 to 20 % with impurities	No – only impurity drains out
Working Principle	Centrifugal Force & Cohesive force	Natural Gravity Flow of water in reverse “Y”
Installation	Skilled plumber required.	Any semi skilled local village plumber can install.
Consistency	Varies with intensity of Rain	Consistent in any intensity of Rain
Filtration stage	One stage – 250 Micron	Two Stages - 500 Micron and 200 Micron
Maintenance	Clogs because of wire mesh filter	Non clogging because of wedge Filter element
Manual intervention	Required	Fit it forget it
Rate of Filtration	105 Ltrs per Minute	150 Ltrs per Minute
Coverage	110 Sq. Mtr Roof ( 1200 Sq. Ft)	150 Sq. Mtr Roof ( 1600 Sq. Ft)
Cost	Rs. 8500 (MRP)	<b>Rs. 6500 (MRP)</b>
<b>Value for Money</b>	<b>Expensive and low coverage, limited filtration</b>	<b>Economical by 22 % with double roof coverage , higher filtration rate and two stages of filtration.</b>



# Technical Specifications

Product Code	:	NRN 220
Suitable up to roof area	:	150 M <sup>2</sup>
Inlet	:	ID : 110 MM
Clean water outlet	:	OD : 110 MM
Drain / Impurities outlet	:	OD : 50 MM
Water head	:	1 feet ( Minimum )
Principle of working	:	Reverse Y flow, Gravity
Stages of filtration	:	02 stages
Filter Element 1	:	SS 304 Curved. Non Clogging
Slot size	:	0.5 mm
Filter Element 2	:	Polymeric screen
Mesh size	:	200 Micron
Rate of filtration	:	150 litres per Minute
Filter Unit	:	ABS, Engineering Plastic
Efficiency	:	More than 95 %

## Rainwater Reuse in underground tank













# NeeRain<sup>®</sup>

Water for you, free for life

## Happy Rainwater harvesting...

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