



ADVANCING WATER RESILIENCY

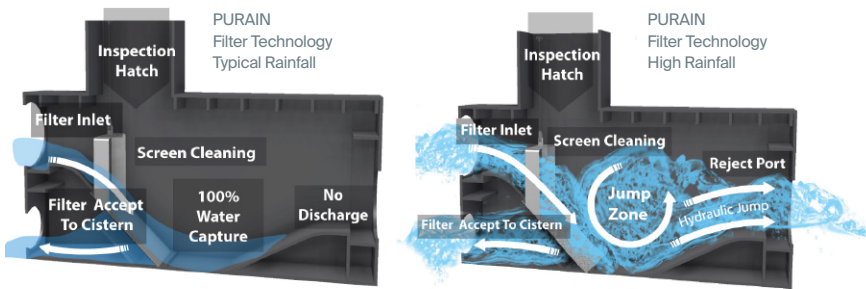


PURAIN RAINWATER & GREYWATER FILTERS

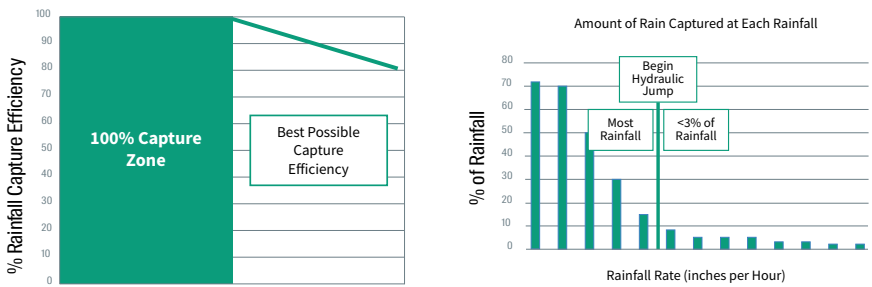
Maximum water catchment, best self cleaning filter.

PURAIN Rainwater Filters

Self-cleaning PURAIN rainwater inlet filters have the highest rain water capture with exclusive hydraulic jump technology patented by Intewa.



Using the unique jump filter design, PURAIN filters catch 100% of rainfall up to a certain flow rate. At higher flow rates, the filter is vigorously cleaned using what is called a hydraulic jump action. This leads to the highest overall water capture efficiency, regardless of geography. No other self-cleaning filter can make that claim.



For grey water and stormwater management applications, PURAIN filters guarantee an effective reduction of debris, and provide a cleaner water to process for end use applications.

PURAIN SIZING			
Model	Pipe Diameter (in.)	Max Flow Rate 1.5% Fall (GPM)	100% Capture Maximum Flow (GPM)
DN100	4	90	21
DN150	6	268	96
DN200	8	576	175
DN300	12	1684	240
DN400	16	3632	480

PURAIN comes in a wide range of inlet sizes from 4" to 16". The correct size is based on local rainfall intensity and roof square footage. See the color-coded sizing chart by roof size and geography at www.ecoviewater.com

Advantages

THE ONLY SELF -CLEANING FILTER WITH 100% CAPTURE TO HIGH FLOW RATE

PURAIN filters capture every single drop of water up to a high rainfall rate. When a heavy rain comes, the hydraulic jump with patented self-cleaning technology quickly flushes any accumulated debris out. This makes the PURAIN filter super reliable and assures outstanding water quality with more water in the tank, and minimal maintenance.

800 MICRON WEDGE WIRE DURABLE STAINLESS-STEEL SCREEN

The PURAIN screen meets ASPE/ARCSA 63 standards and delivers higher flow of clean water to the tank than the other leading self-cleaning filters. Its trapezoidal shape and diagonally set profile prevents debris from settling and clogging it.

INTEGRATED OVERFLOW SKIMMER

The 4" and 6" PURAIN filters have an integrated skimmer to assure great water quality. Floating debris such as pollen is skimmed away through the side pockets. The debris is directly channeled out to overflow and wastewater connection.

HEAVY DUTY CONSTRUCTION

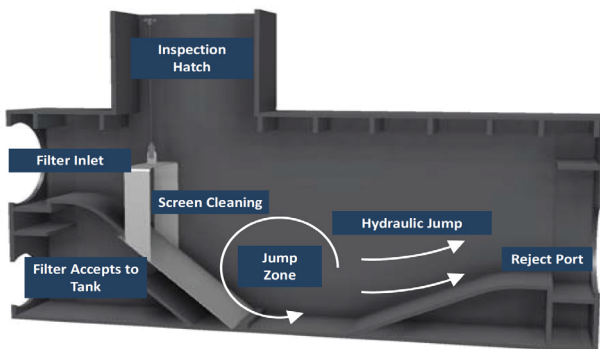
The 8" to 16" filters have a heavy-duty option for direct burial, so the cost of a vault is eliminated. PURAIN reaches the deepest direct burial depth (without a vault) of any rainwater filter with up to 9.5 feet depth and 60-ton vehicle loading possible.

SMART DESIGN

Easy installation minimizes costs in any configuration. PURAIN filters can easily be installed inside the tank, outside the tank, directly buried, even for retrofits.

MINIMAL ELEVATION LOSS

All PURAIN filters have elevation loss of less than 1 pipe diameter. This also allows for in-tank installation to provide many additional benefits.





COMMERCIAL APPLICATION

This PURAIN product line is developed for in-tank installations or wall mounting. The filters are sized for pipe diameters of 8", 12", and 16" SDR 35 PVC. They have an optional watertight cover for indoor installations.



HEAVY DUTY COMMERCIAL DIRECT BURY APPLICATIONS

The PURAIN HD line is designed for underground installation with a vehicle rating up to 60 tons to invert depth up to 9.5 feet.

The filters are sized for pipe diameters of 8", 12", and 16" SDR 35PVC.



LARGE ROOFS AND GREY WATER RECYCLING APPLICATIONS

The PURAIN DN 150 (6") product line is the most versatile and cost effective. The injection molded filter can be buried, mounted inside the cistern, or mounted externally. For in-tank mounting, they have a skimmer overflow.



SMALL ROOFS AND GREY WATER RECYCLING APPLICATIONS

Ideal for small single-family homes, the PURAIN DN100 (4") includes a non-return valve, small animal protection, and skimmer overflow.



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ECOVIE is the US distributor for INTEWA GmbH, Aachen, Germany.
Manufacturer of AQUALOOP, PURAIN, RAINMASTER, NUVOS, and PLURAFIT.