



PURAIN filter DN100 with skimmer and non-return valve

Code: **PR100**

Article number: **210135**

EAN: **4251173100189**

Quick Overview

- PURAIN Rainwater filter for a single family dwelling
- for discharge pipes up to DN100
- with stainless steel trapezoidal gap sieve
- with integrated skimmer overflow
- including a non-return valve and protection against small animals entering the tank



Product Description

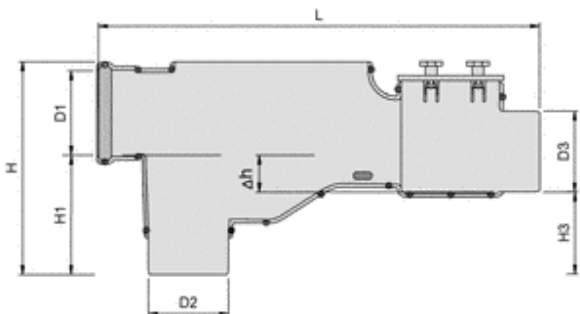
The PURAIN Rainwater filter, also known as the hydraulic jump filter, is the innovation for roof areas ranging from 60m² to more than 15.000m².

This hydraulic jump technology cleans itself automatically. The design model for PURAIN Rainwater filters comes from nature: At almost every course in a stream, you can see how the hydraulic jump functions. The water flows over one of the stones, smooth and rounded by the action of the water over time. The water flow is substantially changed by the height drop, from a sub-critical to a super-critical flow. At the bottom of the dip, the waterflow changes again to a subcritical flow in a process now commonly known as hydraulic jump. This resulting increase in water power forces any impurities over the next level and washes them away downstream.

Shipping

Gross weight (incl. packaging)	2,5 kg
Net weight	1.95 kg
Weight EU-pallet max. quantity	135 kg
Dimensions carton (length x width x height)	310 x 200 x 610 mm
Max. quantity per EU-pallet	48 Stk
Carton volume	0.04 m ³
Volume EU-pallet max. quantity	1.92 m ³

Technical Drawing



D1:	Intake
D2 :	Drain outlet for cistern
D3 :	Wastewater outlet
H1:	Intake
H2 :	Outlet for Cistern
H3 :	Wastewater outlet
Δh :	Vertical offset between intake and waste water drainage

Technical Data

Length	605 mm
Width	180 mm
Height	288 mm
Net weight	1.95 kg
Mesh size	0.8 mm

HS-Code	84212100	Height, intake	164 mm
		Height, dirty water connection	114 mm
		Height offset Δh	50 mm
		Intake connection	DN 100
		Clear water outlet	DN 100
		Dirty water outlet	DN 100
		Color	Black
		Material	EPDM, PP, Stainless steel
		Effective efficiency	98
		Patented	Yes

Information

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