



PURAIN Filter DN 150 Typ S with skimmer

Code: **PR-150-S**

Article number: **210143**

EAN: **4251173101384**

Quick Overview

- PURAIN Rainwater filters for industrial, public or commercial buildings
- This filter is developed for in tank installation, subsurface installation or wall mounting
- for discharge pipes up to DN150
- with stainless steel trapezoidal gap sieve
- with integrated skimmer overflow

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.

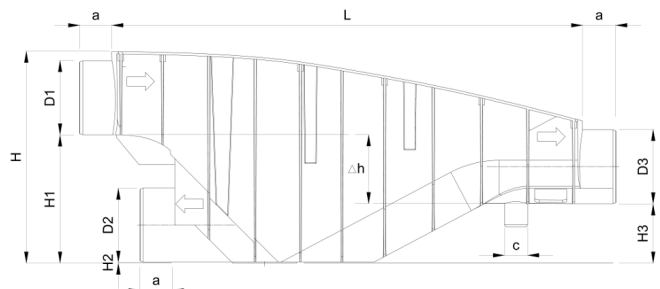
This hydraulic jump technology cleans itself automatically. The design model for PURAIN Rainwater filters comes from nature: At almost every course in a stream, you can see how the hydraulic jump functions. The water flows over one of the stones, smooth and rounded by the action of the water over time. 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)	19.84 lbs
Net weight	16.31 lbs
Weight EU-pallet max. quantity	162.26 lbs
Dimensions carton (length x width x height)	18.50 x 12.99 x 46.06 in
Max. quantity per EU-pallet	8 units
Carton volume	6.29 ft ³
Volume EU-pallet max. quantity	69.24 ft ³



Technical Drawing



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

Technical Data

Length	40.08 in
Width	9.57 in
Height	18.03 in
Net weight	16.31 lbs

Height, intake	10.91 in
Length spigot end	2.72 in
Height, dirty water connection	5.04 in
Height offset Δh	5.87 in
Intake connection	DN 100
Clear water outlet	DN 150
Dirty water outlet	DN 150
Color	Schwarz
Loading class	Begehbar
Material	Edelstahl, EPDM, PP
Effective efficiency	98

Information

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