



PURAIN Filter Heavy Duty DN150

Code: **PR-HD-150**

Article number: **210144**

EAN: **4251173100257**

Quick Overview

- The PURAIN-HD (Heavy Duty) model SLW60 (Heavy duty vehicles up to 60 Tons), is designed as a subsurface variant.
- PR-HD rainwater water filters are made accessible with conventional manhole lids and rings.
- for discharge pipes up to DN150

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.

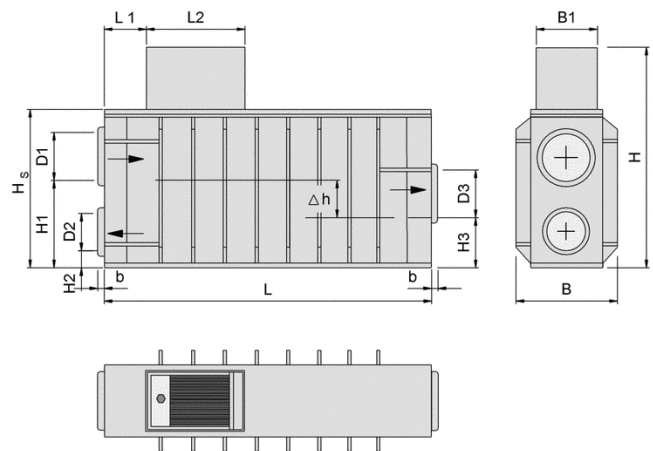
This hydraulic jump technology cleans itself automatically. The design model for PURAIN Rainwater filters comes from nature: At almost every course in a stream, you can see how the hydraulic jump functions. The water flows over one of the stones, smooth and rounded by the action of the water over time. 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)	88.18 lbs
Net weight	88.18 lbs
Weight EU-pallet max. quantity	220.46 lbs
Max. quantity per EU-pallet	2 units
Volume EU-pallet max. quantity	42.61 ft ³
HS-Code	84212100



Technical Drawing



Hs :	Schulterhöhe
L 1:	248 mm
L 2:	408 mm
B 1 :	Dombreite
D1 :	Zulauf
D2 :	Klarwasserablauf
D3 :	Notüberlauf/ Schmutzwasserablauf
H1 :	Zulauf
H2 :	Klarwasserablauf
H3 :	Notüberlauf
Δh :	Höhenversatz
b :	Dichtungskragen

Technical Data

Lenath

40.59 in

Width	14.13 in
Height	35.43 in
Net weight	88.18 lbs
Mesh size	0.03 in
B1 see technical drawing	7.24 in
L2 see technical drawing	11.54 in
L1 see technical drawing	7.68 in
Height, intake	10.71 in
Height, dirty water connection	6.02 in
Height, clear water connection	1.89 in
Shoulder height	19.69 in
Height offset Δh	4.69 in
Intake connection	DN 150
Clear water outlet	DN 150
Dirty water outlet	DN 150
Color	Schwarz
Material	Edelstahl, NBR, PE
Effective efficiency	98

Information

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