



PURAIN Filter Heavy Duty DN200

Code: **PR-HD-200**

Article number: **210146**

EAN: **4251173100264**

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 DN200

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.

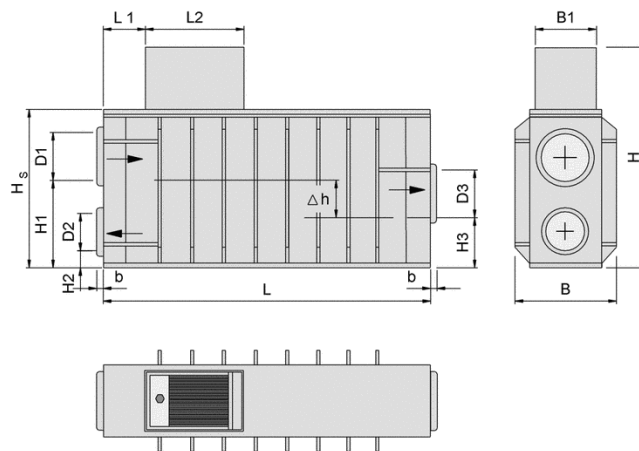
This hydraulic jump technology cleans itself automatically. The design model for PURAIN Rainwater filters comes from nature: At almost every course in a stream, you can see how the hydraulic jump functions. The water flows over one of the stones, smooth and rounded by the action of the water over time. 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)	171.96 lbs
Net weight	171.96 lbs
Weight EU-pallet max. quantity	720.91 lbs
Max. quantity per EU-pallet	4 units
Volume EU-pallet max. quantity	70.66 ft ³
HS-Code	84212100



Technical Drawing



B 1 :	Width of dome
D1 :	Intake
D2 :	Clearwateroutlet
D3 :	Emergency overflow/ wastewateroutlet
H1 :	Intake
H2 :	Clearwateroutlet
H3 :	Emergency overflow
Δh :	Height offset
b :	Sealing collar

Technical Data

Length	58.86 in
Width	15.47 in

Height	42.32 in
Net weight	171.96 lbs
Mesh size	0.03 in
B1 see technical drawing	7.24 in
L2 see technical drawing	16.06 in
L1 see technical drawing	9.76 in
Height, intake	16.77 in
Height, dirty water connection	9.25 in
Height, clear water connection	1.57 in
Shoulder height	26.57 in
Height offset Δh	7.48 in
Intake connection	DN 200
Clear water outlet	DN 200
Dirty water outlet	DN 200
Color	Schwarz
Material	Edelstahl, NBR, PE
Effective efficiency	98

Information

E-Mail: info@intewa.com (<http://www.intewa.com>)

Copyright © 2017 • INTEWA GmbH Aachen

(ver. 1.9.1.0)