



PURAIN Filter DN200

Code: **PR-200**

Article number: **210145**

EAN: **4251173100820**

Quick Overview

- PURAIN Rainwater filters for industrial, public or commercial buildings.
- This series is developed for in tank installation, wall mounting or in a separate chamber
- 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.

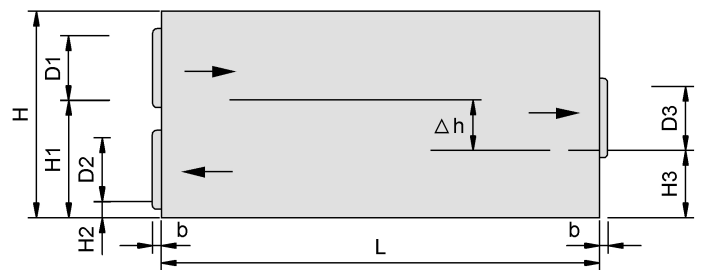
This hydraulic jump technology cleans itself automatically. The design model for PURAIN Rainwater filters comes from nature: At almost every course in a stream, you can see how the hydraulic jump functions. The water flows over one of the stones, smooth and rounded by the action of the water over time. 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)	57.32 lbs
Weight EU-pallet max. quantity	273.37 lbs
Max. quantity per EU-pallet	4 units
Volume EU-pallet max. quantity	60.37 ft ³
HS-Code	84212100



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
b :	Packing collar

Technical Data

Length

58 86 in

Length	33.86 in
Width	10.47 in
Height	25.98 in
Net weight	57.32 lbs
Mesh size	0.03 in
Height, intake	15.43 in
Height, clear water connection	8.74 in
Height offset Δh	6.69 in
Intake connection	DN 200
Clear water outlet	DN 200
Dirty water outlet	DN 200
Material	Edelstahl, NBR
Effective efficiency	98

Information

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