



PURAIN Filter DN300

Code: **PR-300**Article number: **210155**

EAN: 4251173100233

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 DN300



Product Description

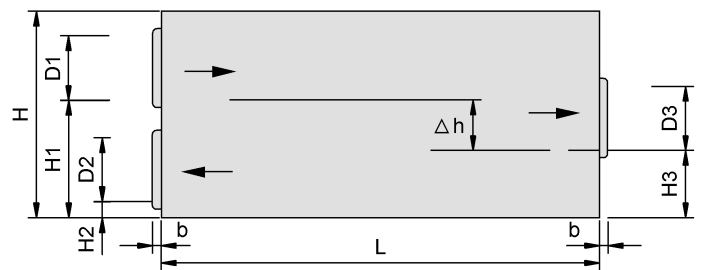
The PURAIN Rainwater filter, also known as the hydraulic jump filter, is the innovation for roof areas ranging from 60m² to more than 15.000m².

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)	105.82 lbs
Net weight	105.82 lbs
Weight EU-pallet max. quantity	264.55 lbs
Max. quantity per EU-pallet	2 units
Volume EU-pallet max. quantity	52.20 ft³
HS-Code	84212100

Technical Drawing



D1 :	Zulauf
D2 :	Ablauf zur Zisterne
D3 :	Schmutzwasserablauf
H1 :	Zulauf
H2 :	Ablauf zur Zisterne
H3 :	Schmutzwasserablauf
Δh :	Höhenversatz
b :	Dichtungskragen

Technical Data

Length	70.31 in
Width	15.16 in
Height	34.09 in

Height	21.65 in
Net weight	105.82 lbs
Mesh size	0.03 in
Height, intake	19.65 in
Height, dirty water connection	8.98 in
Height, clear water connection	2.09 in
Height offset Δh	10.67 in
Intake connection	DN 300
Clear water outlet	DN 200
Dirty water outlet	DN 300
Color	Schwarz
Material	Edelstahl, NBR, PP
Effective efficiency	98

Information

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