



PURAIN Filter DN400

Code: **PR-400**

Article number: **210165**

EAN: **4251173100240**

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 DN400

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.

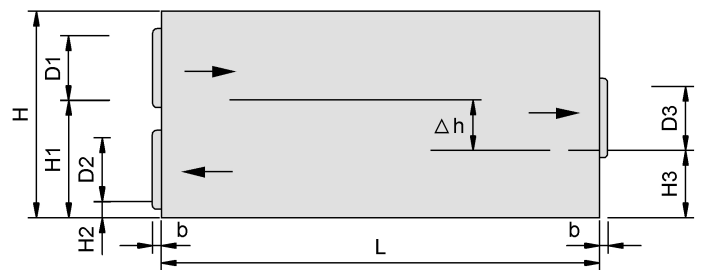
This hydraulic jump technology cleans itself automatically. The design model for PURAIN Rainwater filters comes from nature: At almost every course in a stream, you can see how the hydraulic jump functions. The water flows over one of the stones, smooth and rounded by the action of the water over time. 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)	65 kg
Net weight	65 kg
Weight EU-pallet max. quantity	65 kg
Max. quantity per EU-pallet	1 Stk.
Volume EU-pallet max. quantity	1.95 m ³
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	2043 mm
Width	488 mm
Height	1025 mm

Parameter	Value
Net weight	65 kg
Mesh size	0.8 mm
Height, intake	572 mm
Height, dirty water connection	226 mm
Height, clear water connection	54 mm
Height offset Δh	346 mm
Intake connection	DN 400
Clear water outlet	DN 300
Dirty water outlet	DN 400
Color	Schwarz
Material	Edelstahl, NBR, PP
Effective efficiency	98

Information

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