



## RLA washable net cartridge



The AQUA RLA-line is our washable net cartridge, and are called surface cartridges and have a non-deforming structure.

The inside core is manufactured using Talc filled polypropylene and a nylon net is welded.

The homogenous Net has physical and mechanical characteristics. The square mesh allows a uniform flow along all the surface of the cartridge itself thus minimizes the possibility of clogging. Manufactured using monofilament fibres that enable uniform openings, it also allows accurate capacity of filtration while avoiding pressure drop, and thanks to its smooth surface it is very easy to wash.

The washable net cartridges give a nominal filtration with efficiency of 80%.

When properly utilized, they can be used over and over again maintaining a constant efficiency. They are available in standard lengths from 5" to 20" and also in large diameter up to 30" and have micron ratings of 80 & 250.



## Technical Characteristics

Raw Material	100% PP
Core	-
End caps	DOE-PP
Gasket	NBR
Inner Diameter	27mm (1 ¼", 1 ½", 2" ports) 40mm (Aqua Big) 36mm
Outer Diameter	60mm (Aqua Big) 115mm
Max. Working temperature	80°C
Efficiency	80%
Max Working pressure	6 bar
Max differential pressure	0.8 bar

## Flow rates (Ltr/hr)

Micron	Type	9 ¾"	20"	30"	40"
80	RLA	3500	7000	-	-
80	RLA 1 ¼"	4200	8400	-	-
80	Aqua Big	6000	7000	8000	-
250	RLA	4500	9000	-	-
250	RLA 1 ¼"	5200	10400	-	-
250	Aqua Big	6500	7800	9000	-
430	RLA 1 ¼"	6000	12000	-	-

Max water flow rate at 20°C and differential pressure of 0,15 bar

## Cartridge Options

Type	Length	Micron	Cartridge type	
RLA	5	80	Standard = AS	
	7	250	Aqua Big = BB	
	9 ¾	430 (RLA 1 ¼")	Aqua Kid = AK	
	20			
	30			
Code	RLA	20	80	AS

### Applications

Water Treatment, General Industry, Agriculture, Domestic applications, Water Pumps.

