

SENIOR Manual Disc Filters Data Sheet



GLACIER FILTRATION
Lama Manual Disc Filters,
Senior Range.

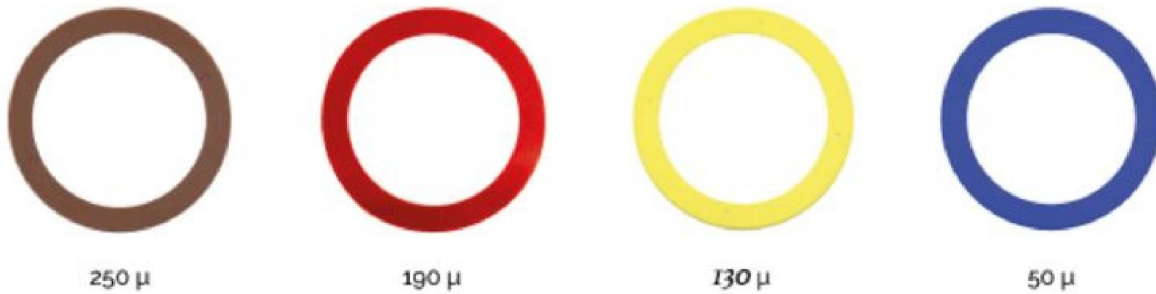


GLACIER
FILTRATION

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Glacier Filtration are the Australasian Agents for Lama Screen Filtration products, covering Australia and New Zealand. The SENIOR Range of Manual Disc Filters are a suitable disc filtration system for small flows and are easy and simple to operate and dismantle for cleaning.

Filtration occurs by the retention of solids and particles in the disc channels, there are four different disc sizes available:



250 µ

190 µ

130 µ

50 µ



CONSTRUCTION

Body: Glass fibre reinforced Polyamide

Disc Tower: Glass fibre polyester

Joints: Synthetic rubber nitrile 60° Shore

FILTERING ELEMENT

Disc Filters; available in four sizes: Blue (50 micron), Yellow (130 Micron), Red (190 Micron), Brown (250 Micron).

CLEANING

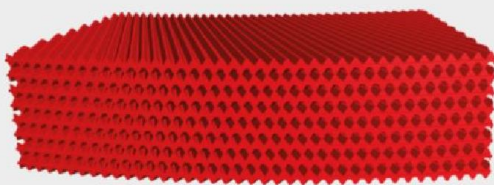
To clean the discs, remove the filter cover and pull the cartridge out, undo the screws that keep the discs compact and separate the discs and clean with running water.

PRESSURE

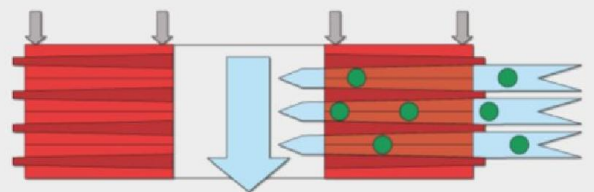
Max Pressure: 8 Bar

Test Pressure: 16 Bar

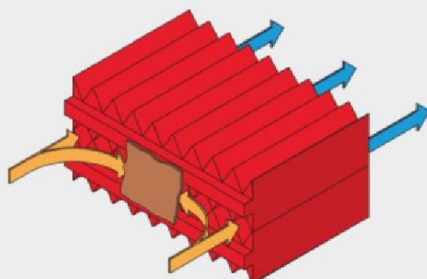
Honeycomb design maximises filtration surface area:



Gradual filtration:

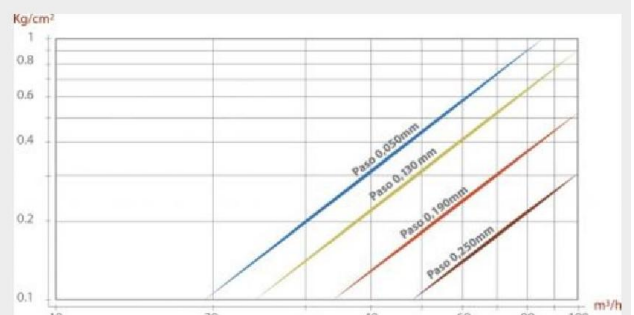


Better filtration efficiency thanks to an external prefilter:

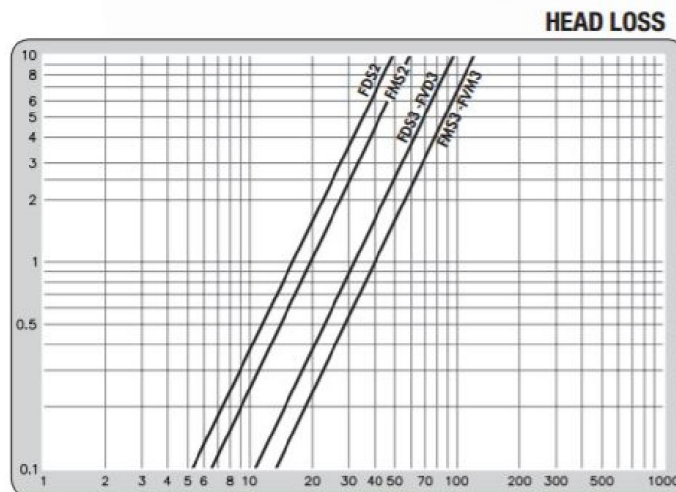
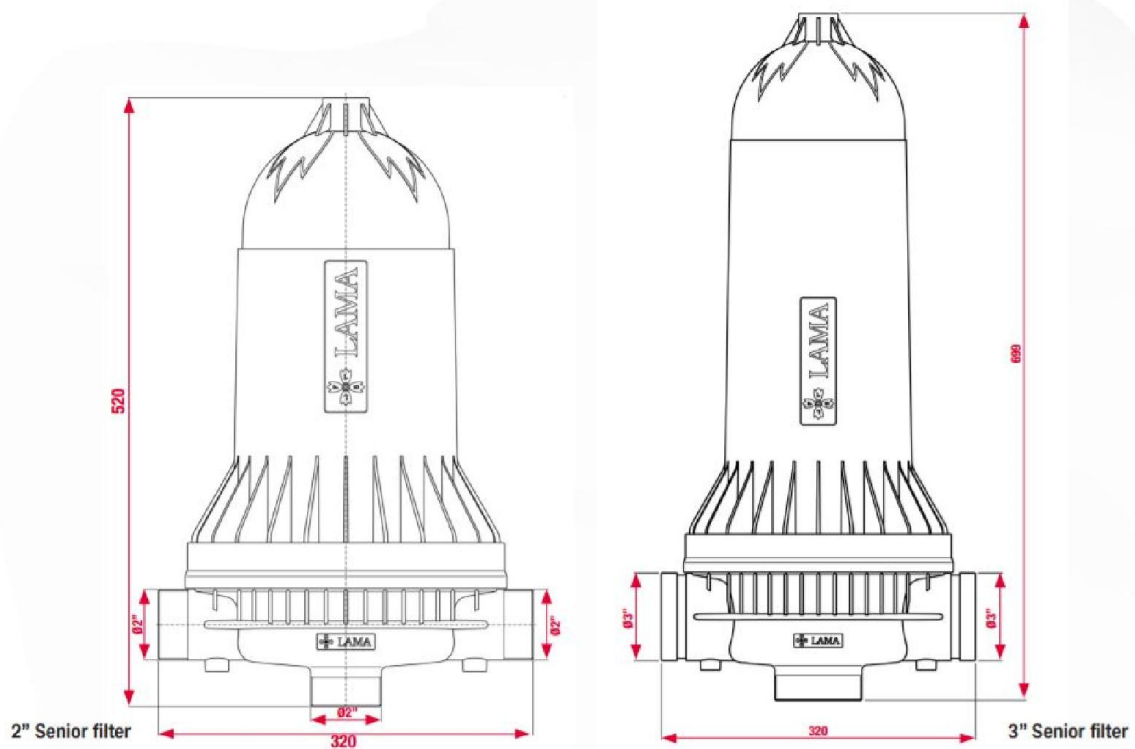


Minimum head loss:

Thanks to polished and shiny surface of the discs and to its external prefilter:



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Results obtained in our facilities with approved measuring instruments, using clean water as a fluid for assessment with 190µm red disc Lama.

Model	Filtration Surface (cm ²)	Description	Flow Capacity (m ³ /h)
GF-FDS2	1240	Disc Filter 2" Thread BSP	22
GF-FDC2	1085	Disc Filter Centrifugal 2" Thread BSP	22
GF-FVD3	1795	Disc Filter 3" VIC	50
GF-FDS3	1795	Disc Filter 3" Thread BSP	50
GF-FVA3	1640	Disc Filter Centrifugal 3" VIC	43
GF-FDC3	1640	Disc Filter Centrifugal 3" Thread BSP	43

Optional Extras

GF-KL1C Automatic Cleaning Kit 1" 220V (Valve, Timer, Transformer, Solenoid and Filter)

GF-KL1MO Automatic Cleaning Kit 1" Batteries (Valve, Programmer, Solenoid and Filter)