



green rhino[®]
smart pollution prevention products

EnviroPad[®]
Dewatering Filters
Drain Filters
Oil Removal Filters

Scalable High Volume Dewatering System

Save £££s on settlement tank hire

Green Rhino[®] Manifold System

- Delivers the flow rates and filtration of a settlement tank
- Significantly reduces your costs
- Fast, easy deployment
- Rugged & reusable
- 4, 6 or 8-filter Manifold
- Long-lasting sediment filters



Quick & easy to use

- Manifold is delivered pre-assembled.
- Each filter takes under a minute to attach using the reusable cable ties supplied.
- When filters are full, simply undo the cable ties, empty the filters onto the spoil heap and then reattach. Filters can be emptied and reused up to 20 times.
- Changing each filter should take less than two minutes.

Flow rates & sediment filtration

MANIFOLD	FILTER TYPE	FLOW RATE	FILTRATION*
4 Gang	Sediment Filters	Up to 108m ³ / hr	1,600kg / 1.6t
6 Gang	Sediment Filters	Up to 162m ³ / hr	2,400kg / 2.4t
8 Gang	Sediment Filters	Up to 216m ³ / hr	3,200kg / 3.2t
4 Gang	XL Sediment Filters	Up to 192m ³ / hr	3,200kg / 3.2t
6 Gang	XL Sediment Filters	Up to 288m ³ / hr	4,800kg / 4.8t
8 Gang	XL Sediment Filters	Up to 384m ³ / hr	6,400kg / 6.4t
4 Gang	Ultra-fine Sediment Filters	Up to 76m ³ / hr	1,600kg / 1.6t
6 Gang	Ultra-fine Sediment Filters	Up to 114m ³ / hr	2,400kg / 2.4t
8 Gang	Ultra-fine Sediment Filters	Up to 152m ³ / hr	3,200kg / 3.2t

*Each filter emptied and reused 20 times.

Fittings

Manifold is provided with a 4" or 6" male Bauer fitting. Filters are secured to Manifold branches using reusable cable ties (provided). **Other fittings can be accommodated on request.**

Specification

CODE	PRODUCT	SIZE	FLOW RATE
GRR 99 01 04 MSYS	Manifold - 4 Gang / 4" Bauer fitting	98 x 111cm	1200-3200L/min
GRR 99 01 06 MSYS	Manifold - 6 Gang / 4" Bauer fitting	148 x 111cm	1800-4800L/min
GRR 99 01 08 MSYS	Manifold - 8 Gang / 6" Bauer fitting	198 x 111cm	2400-6400L/min

Range of Filters

CODE	PRODUCT	SIZE	CAPACITY	FILTER	REUSE	FLOW RATE
GRR 01 05 02 SEDO	Sediment Filter	150 x 35cm	Up to 20kg	150µm	Up to 20x	450L/min
GRR 01 05 10 SEDO	Sediment XL Filter	150 x 80cm	Up to 40kg	150µm	Up to 20x	800L/min
GRR 01 07 01 EVAC	Ultra-fine Sediment & Oil Filter (Cam)	130 x 30cm	Up to 2.5L / 20kg	1µm	Up to 20x*	300L/min
GRR 01 07 50 EVAC	Ultra-fine Sediment & Oil Filter	180 x 30cm	Up to 2.5L / 20kg	1µm	Up to 20x*	300L/min

*Oil & Sediment filters must be replaced when integral hydrocarbon detection strip turns dark blue.

CASE STUDY

"Over a 14-week period, we used the Green Rhino Manifold to pump water from a bore hole into a drainage channel. The system worked perfectly. We only had to renew the filters once in 14 weeks. The whole system cost around 75% less than sediment tank hire for the period and could be reused on other projects."

*Site Manager, Morgan Sindall
Construction & Infrastructure*



Sediment Filter

Sediment XL Filter

Ultra-fine Sediment

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