



RIVERSCREEN

SELF CLEANING FLOATING SUCTION SCREENS

Self cleaning rotating drum screen for pump & system protection with the ability to draw from shallow water sources

FEATURES

- ◆ Suitable for drawing as little as 100mm of water
- ◆ No. 8 Mesh (2.3mm)
- ◆ Intake Velocity @ 0.027m/s (NZ Guideline 0.12m/s)
- ◆ Large range of flow capabilities to 250 lps
- ◆ Foot valves
- ◆ Pressure relief valve on 6" and above
- ◆ Alloy & stainless steel construction
- ◆ Power drive (jet nozzles)
- ◆ Screen cleaning nozzles
- ◆ Large intake funnel
- ◆ Environmentally friendly design
- ◆ Motor Drive [optional]

RIVERSCREEN INFORMATION

- ◆ The Riverscreen is a highly effective and maintenance free system, simple in its design and fool proof in operation.
- ◆ Built specifically to operate in shallow bodies of water, the unique design allows the unit to be used for as little as 100mm of moving water.

SCREEN FEATURES

- ◆ Models - 100mm, 150mm, 200mm, 250mm, 300mm
- ◆ #8 mesh (2.3mm punch) standard on drum screen
- ◆ Intake velocity @ 0.027 M/S
- ◆ Cleaning nozzles 1 x 8020 and 8015 tips
- ◆ Standard flow for cleaning nozzles 0.37L/S
- ◆ Power drive nozzles 3.3mm
- ◆ Standard flow for power drive nozzles 0.37 L/s

APPLICATIONS

- ◆ River
- ◆ Canal
- ◆ Streams
- ◆ Damns
- ◆ Water Extraction
- ◆ Irrigation Sytems
- ◆ Pivot
- ◆ Town water supply and grey water pumping. Shallow water execution (pevents sand & slit problems)
- ◆ Effluent Ponds

WARRANTY

- ◆ 1 Year

RIVERSCREEN COMPONENTS

- ◆ Spray nozzles
- ◆ Intake funnel
- ◆ Stainless steel self rotating screen
- ◆ Stainless steel mesh screen
- ◆ Sturdy aluminium frame & pontoons
- ◆ Power drive nozzle standard at 3.3mm
- ◆ Cleaning nozzles standard with 1x 8020 and 8015 tips
- ◆ Various nozzles for higher and lower flows and pressures
- ◆ Electric motor driven drum screen (optional)

PERFORMANCE

TYPE	P/NO	SIZE (INCHES)	SUCTION	FLOW (LITRE/SECOND)
RIVSCRN4	2224096	SCREEN GAL RIVER 4IN	4 Inch	6-22
RIVSCRN6	2224395	SCREEN GAL RIVER 6IN	6 Inch	19-60
RIVSCRN8	2224167	SCREEN GAL RIVER 8IN	8 Inch	35-107
RIVSCRN10	2224166	SCREEN GAL RIVER 10IN	10 Inch	52-164
RIVSCRN12	2224156	SCREEN GAL RIVER 12IN	12 Inch	75-252

DIMENSIONS

TYPE	PONTOON SIZE (mm)	DRUM SIZE (mm)	OVERALL DIMENSION (mm)
RIVSCRN4	152 x 1219	406 (Dia) x 609	1219 x 1524
RIVSCRN6	254 x 1828	812 (Dia) x 914	1828 x 2336
RIVSCRN8	254 x 2438	812 (Dia) x 1219	2438 x 2641
RIVSCRN10	254 x 3048	812 (Dia) x 1219	3048 x 2641
RIVSCRN12	254 x 3048	812 (Dia) x 1319	3048 x 2641



1-21 Monash Drive | Dandenong South, VIC 3175 | Australia | 1300 137 344 | www.onga.com.au

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