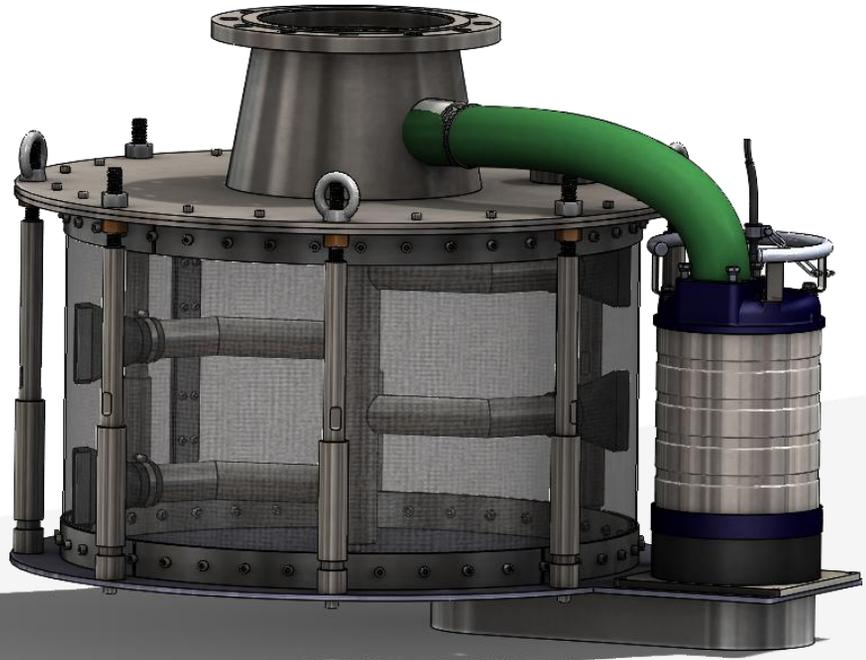


Rotorflush RF800LW-E Range Self-cleaning Filter

General Specifications

General Arrangements



Key Features

- 316 Stainless Steel filter mesh
- Filters from 1mm to 6mm
- Reliable and easy to install and use
- Suitable for gravity and variable flow applications
- Option for marine grade steel.

Rotorflush RF800LW-E Range Self-cleaning Filter

General Specifications

Models and Specifications

NB – all flow rates are given for screens fitted with 2 mm woven steel mesh, open area 60% max

Model	Maximum Flow Rate m ³ /hr (net of backwash)	Eel Regulations Flow rate (net of backwash) m ³ /hr*	Filter screen Area cm ²
RF800-200LW-E	217	162	5,025
RF800-300LW-E	325	244	7,540
RF800-400LW-E	434	325	10,050
RF800-500LW-E	542	407	12,565
RF800-600LW-E	651	488	15,080
RF800-700LW-E	760	570	17,590
RF800-800LW-E	868	651	20,105
RF800-900LW-E	977	732	22,615
RF800-1000LW-E	1,085	814	25,130

*Based on approach velocity at 0.1 m/s with 10% blinding allowance

An RF800-900LW-E Eel Screen

Production

Rotorflush RF800LW-E Range Self-cleaning Filter

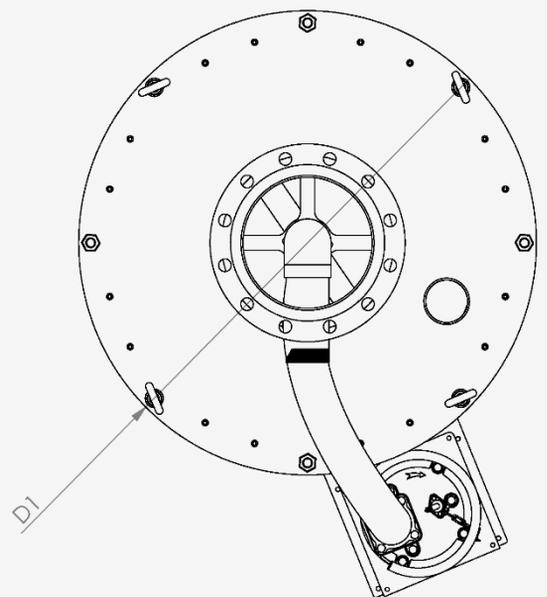
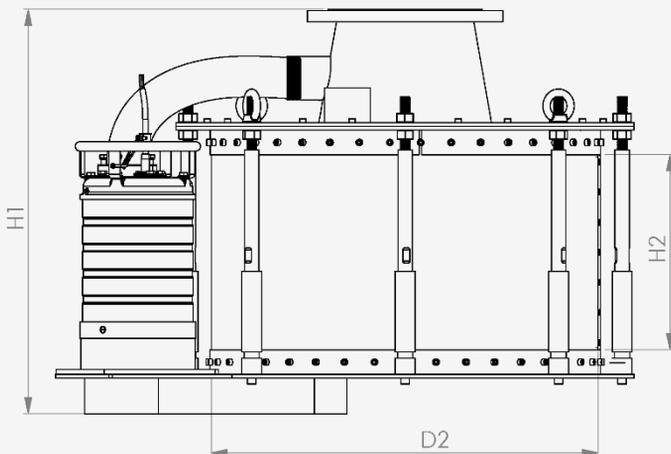
General Specifications

Dimensions and Weights

Model	H1 Total Height mm	H2 Mesh Height mm	D1 Total Diameter mm	D2 Mesh Diameter mm	Approx Weight (kg)
RF800-200LW-E	615	200	950	800	235
RF800-300LW-E	735	300	950	800	241
RF800-400LW-E	835	400	950	800	247
RF800-500LW-E	935	500	950	800	253
RF800-600LW-E	1035	600	950	800	259
RF800-700LW-E	1135	700	950	800	265
71RF800-800LW-E	1235	800	950	800	271
RF800-900LW-E	1335	900	950	800	277
RF800-1000LW-E	1435	1,000	950	800	284

Dimensions and weights are approximate

Rotorflush filters can customise these filters. Mesh types and outlet flange sizes can be varied to suit particular applications



Rotorflush RF800LW-E Range Self-cleaning Filter

General Specifications

Self-cleaning Filter Construction

Filter Component	Construction
2 mm aperture filter mesh	316 Stainless Steel or Phosphor Bronze
Filter uprights	304 or 316 Stainless Steel
Filter top and bottom plate	304 or 316 Stainless Steel
Top and bottom plate bolts & fastenings	304 or 316 (A2 or A4) Stainless Steel
Tensioning nuts, M20 x 6, 15 mm thick	Phosphor Bronze PB 102
Cleaning rotor	304 or 316 Stainless Steel
Cleaning jet restrictors	ABS
Rotor bearings	Acetal
Top and bottom rotor bearings	304 or 316 Stainless Steel
Rubber jets	Natural Rubber
Rubber jet clips	304 or 316 Stainless Steel
Lifting eyes	304 or 316 Stainless Steel
Top flange	304 or 316 Stainless Steel, standard is DN 200 PN 16, other sizes may be fitted
Backwash connection	316 Stainless Steel, 3" BSP
Tensioning assemblies	Hi-tensile steel, Delta Tone 9000® inorganic, non – electrolytically applied micro layer zinc – Lamella flake coating