

Rotorflush RF200 - E Range Self-cleaning Filter

General Specifications

General Arrangements



RF200R-E Automatic Backwash
Filter

Key Features

- Strong nylon or stainless steel filter mesh
- Filters from 60 microns to 6mm
- High reliability and easy to use
- Works with most centrifugal and progressive cavity pumps
- Integral backwash pump keeps filter mesh clear
- Ideal for variable speed pumps
- 14 cubic metres per hour maximum flow
- Reduced capital, installation and maintenance costs
- All Stainless Steel construction

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Models and Specifications

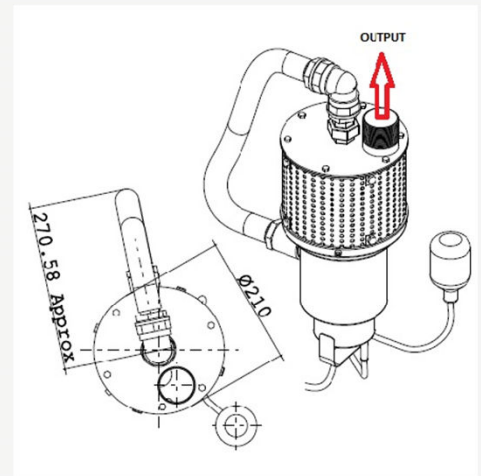
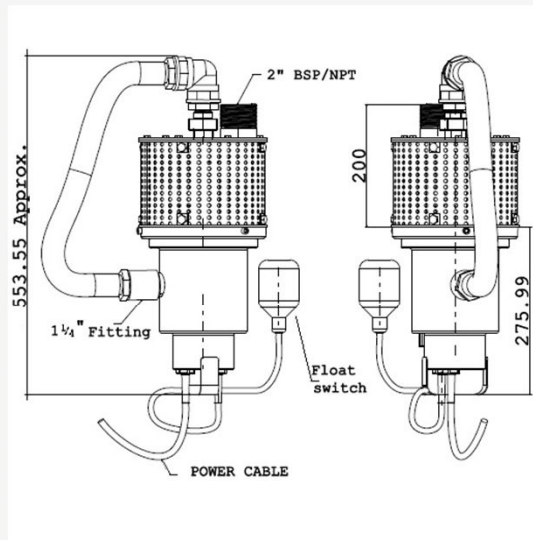
Model	Max pump output (m3/h)	Mesh Type	Mesh Size Options
RF200AE	14	Nylon	60, 115, 300 micron
	14	Sintered 316 Stainless Steel	50, 100, 315 micron
RF200RE	14	Woven 316 Stainless Steel	1 mm, 2 mm, 3 mm
	14	Perforated 316 Stainless Steel	3 mm or 6 mm

*These models are available with US NPT Fittings

Dimensions and Weights

Model	Height (mm)	Filter Dimensions width x height (mm)	Filter Height	Weight (kg)	Pump Outlet	Backwash Outlet
RF200AE	600	210 x 350	145	14	2" BSP	3/4" BSP
RF200RE	600	210 x 350	145	15	2" BSP	3/4" BSP

*Dimensions and weights are approximate



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RF200 E Backwash Pump Specifications

MODEL	Motor output (P2)		Power Motor (P1)		VOLT	In (A)	μF
	HP	kW	HP	kW			
RF200A-E	0.55	0.40	0.75	0.55	220 – 240	2.4	8
RF200R-E	0.50	0.37	0.70	0.50	220-240	2.5	8

Self-cleaning Filter Construction

Component	RF200A -E	RF200R-E
Filter cage and lid	304 Stainless Steel	
Central turbine	304 Stainless Steel	
Jets	304 Stainless Steel	
Bearings	Acetal copolymer	

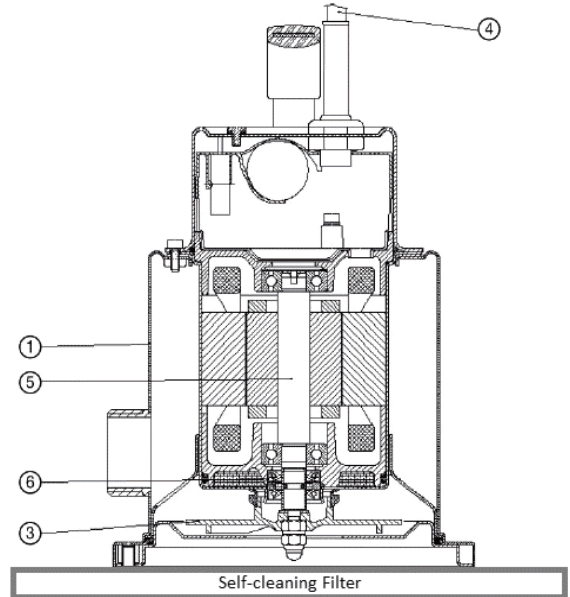


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RF200A-E Backwash Pump Construction

No.	Pump Component	Material
1	Pump body	Stainless steel X5 CrNi 1810 (AISI 304)
3	Impeller	Cast stainless steel X5 CrNi 1810 (AISI 304)
4	Motor body	Stainless steel X 8 CrNi 18-10 (AISI 304)
5	Power cable	10 m H07 RN-F with plug
6	Motor shaft	Stainless steel with ceramic coating at points of wear on seal
7	Mechanical gasket	Double fixed seal in rubber NBR70 sand-proof V-ring. Lubricated in oil chamber



RF200A-R Backwash Pump Construction

No.	Pump Component	Material
1	Pump body	Stainless steel X5 CrNi 1810 (AISI 304)
2	Impeller	Stainless steel X5 CrNi 1810 (AISI 304)
3	Motor body	Stainless steel X5 CrNi 1810 (AISI 304)
4	Power cable	10 m H07 RN-F with plug
5	Motor shaft	Stainless steel X 12 CrNiS 1809 (AISI 416)
6	Seal	Double fixed seal in rubber NBR70 lubricated in oil chamber

