

# Rotorflush RF800AR Range Self-cleaning Filter

## General Specifications

### General Arrangements



### Key Features

- Stainless steel filter mesh
- Filters from 1mm to 6mm
- Reliable and easy to install and use
- Works with most centrifugal and progressive cavity pumps
- 870 cubic metres per hour maximum flow
- Capital, installation and maintenance costs reduced
- All stainless steel construction
- Option for marine grade steel.

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### Models and Specifications

Model	Output Max (m <sup>3</sup> /h)		Maximum output at 0.1 m/s approach velocity* (m <sup>3</sup> /h)	Backwash Volume (m <sup>3</sup> /h)
	2mm mesh	1mm mesh		
RF800-200AR	174	148	130	9
RF800-300AR	261	221	195	13.5
RF800-400AR	347	295	261	18
RF800-500AR	434	368	326	22.5
RF800-600AR	521	442	391	27
RF800-700AR	608	515	456	31.5
RF800-800AR	694	589	521	36
RF800-900AR	782	662	586	40.5
RF800-1000AR	870	736	651	45

\*Max velocity assumes either 1mm or 2mm mesh

### Self-cleaning Filter Construction

Component	RF800AR All Models
Filter cage and lid	304 Stainless Steel
Central turbine	304 Stainless Steel
Jets	Natural Rubber
Bearings	Acetal copolymer

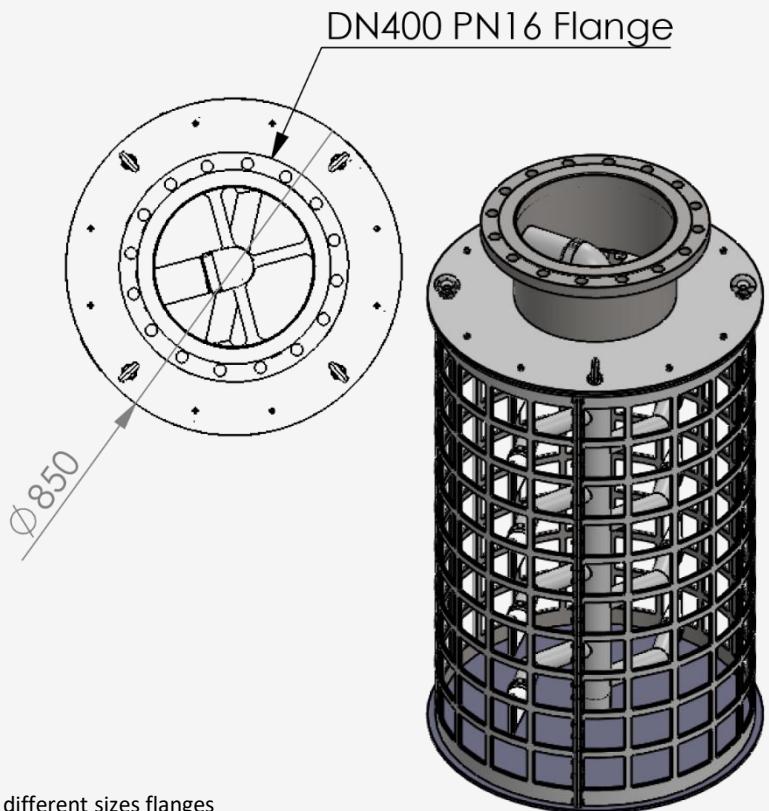
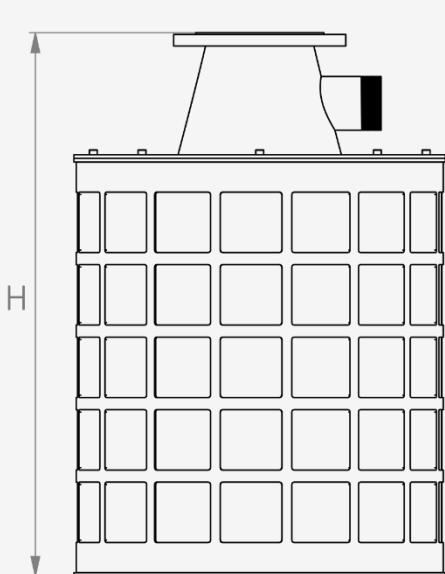
Note: 316 marine grade stainless steel is an option for all RF600AR filters

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### Dimensions and Weights

Model	Height H (mm)	Diameter (mm)	Outlet Flange	Backwash Connection	Weight (kg)
RF800-200AR	575				160
RF800-300AR	695				165
RF800-400AR	815				171
RF800-500AR	935				177
RF800-600AR	1055	850	DN400	3" BSP	185
RF800-700AR	1175				190
RF800-800AR	1295				200
RF800-900AR	1415				208
RF800-1000AR	1535				215



Dimensions and weights are approximate

All models are available with US NPT Fittings or different sizes flanges