

Rotorflush RF100ANQ Self-cleaning Analyser Filter System

General Specifications

General Arrangements



Key Features

- Removes suspended solids down to 60 microns
- Mag drive pump with polypropylene casing and impeller
- Auto air bleed for self-priming
- Board mounted for ease of installation
- Float switch and pressure sensor for dry run protection
- High reliability and easy to use
- Power - 230v or 110v 50 Hz, or 115v 60 Hz
- 16 litres per minute maximum flow
- ABS & polypropylene Self Cleaning Filter Head
- PVC Filter Tank and Nylon monofilament filter mesh

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Models and Specifications

Model	Volts	KW	L/min max	Full Load	Mesh Options	Weight
RF100AN-Q 230v 50Hz	230	approx 0.25	16	2.1 amps	Nylon :60, 115 or 250 micron	Non APV - 23KG APV – 27KG
RF100AN-Q 110v 50Hz	110	approx 0.28	16	4.2 amps	Stainless Steel :50, 100 or 315 micron	
RF100AN-Q 115v 60 Hz*	115	tba	16	4.2 amps		

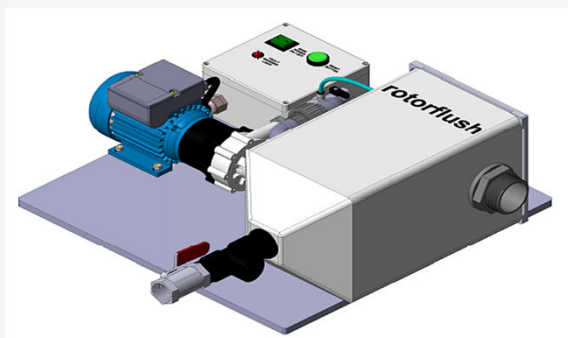
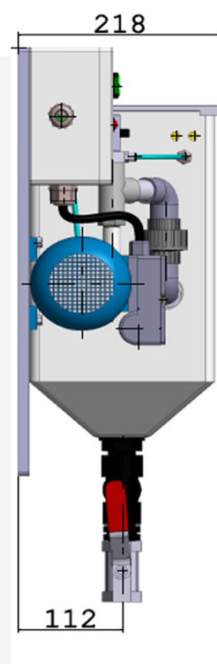
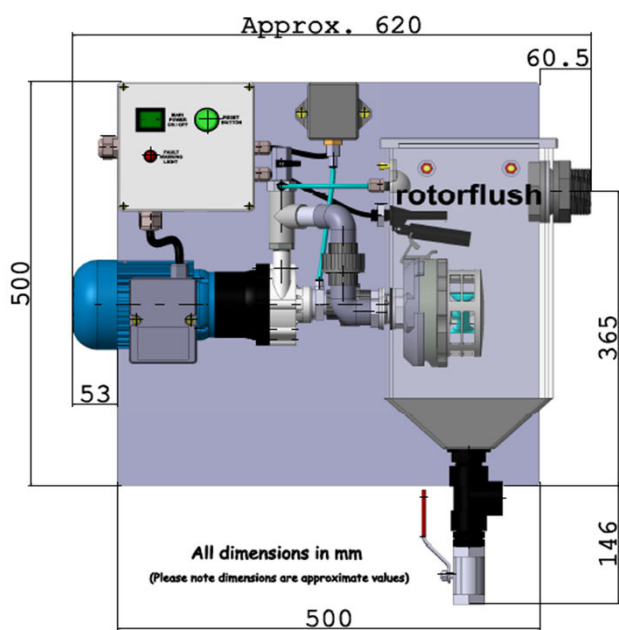
*These models are available with US NPT fittings

NB – Always Check the pump motor label for kW and Amps

All RF100AN-Q Analyser Filter Systems are now fitted with auto priming and a pressure sensor for dry running protection

All models available with optional APV (Automatic Purge Valve and Timer)

Dimensions and Weights



PLEASE NOTE: Dimensions can vary as the tank is a moulded item and fittings have assembly tolerances to account for.

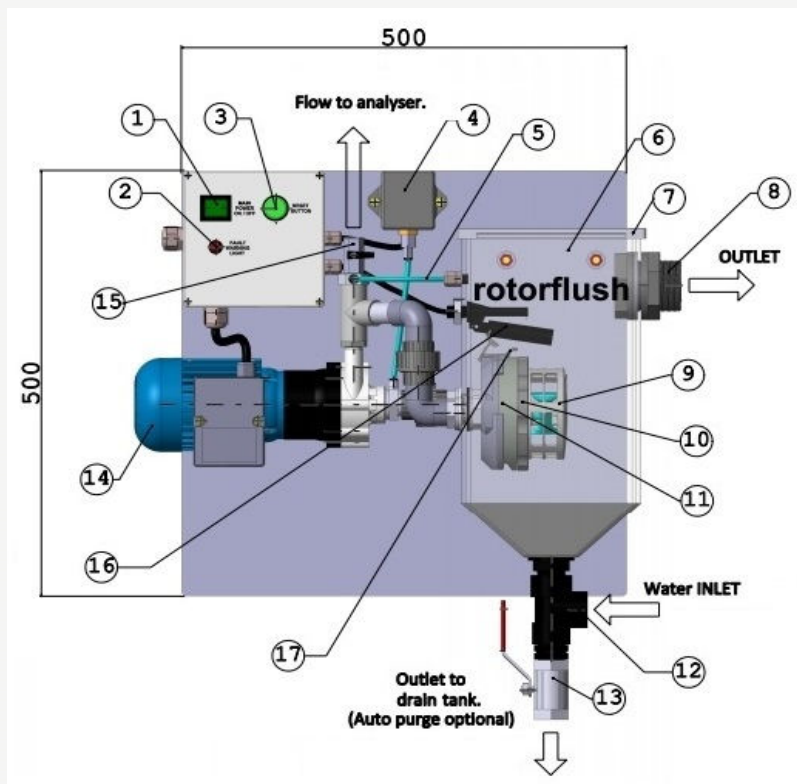
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RF100ANQ Parts

No.	Part
1	Main Power ON/OFF
2	Fault warning Light
3	Reset Button
4	Pressure sensor unit
5	Continuous bleed (self-prime feature)
6	Filter tank
7	Anti-splash lid
8	1½" BSP (NPT) Outlet – Continuous flow of water out to drain. Flow rate through tank 15 litres/min minimum.
9	Filter Cage

No.	Part
10	Retaining Nut
11	Filter Head Body
12	1" BSP (NPT) INPUT Water INLET (to be filtered) Flow rate = 15 L/min minimum + flow to analyser
13	1" BSP (NPT) Purge – Outlet to periodically drain solids that may settle in the tank. (Auto purge optional)
14	MAG drive pump (To supply drive to backwash rotor and provide filtered supply to analyser)
15	⅜" BSP (NPT) Ball valve – controls flow to analyser. Adjust between 0 and 15 l/min
16	Float switch
17	Quick Release Clip



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RF100ANQ Construction

Component	Material
Pump	Magnetic drive, polypropylene pump head
Filter head	Polypropylene, ABS, with nylon filter screen
Backing board	PVC
Filter chamber	PVC
Standard filter mesh screen	60, 115 or 250 micron nylon
Tank	Polyethylene
Pipework	PVC
IP66 Control Box	ABS

