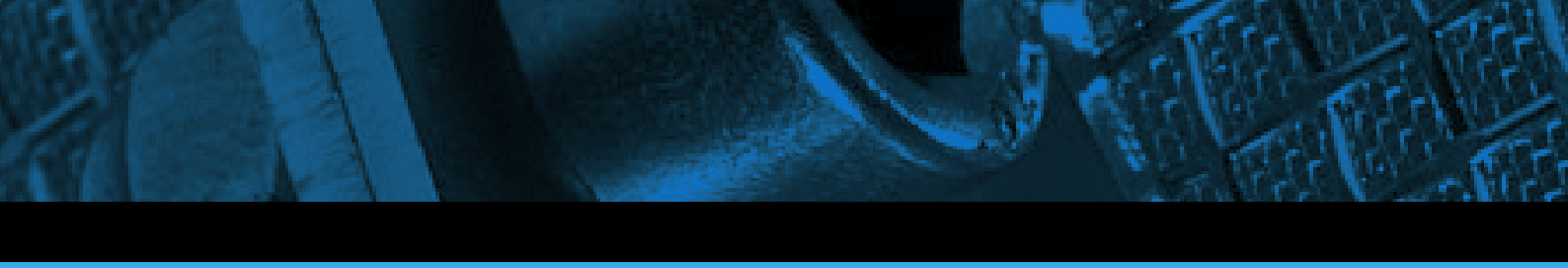
PRODUCT GUIDE

rotorflush
Self-Cleaning Filters



Why You Need a Self-cleaning Pump Filter

Wouldn't it be great to have a self-cleaning filterpump and not have to worry about the pump filter clogging or the pump failing?

Our robust and reliable self-cleaning intake strainers and submersible filterpumps filter out debris that blocks pumps. They keep their filter screens clear and clean with a continuous automatic backwash system. A self-cleaning pump filter ends the worry of a constantly blocking filter or pump.

Our filters allow the use of high pressure, multi stage pumps in water contaminated with suspended solids – e.g. final effluent, flood water, lake and river water, and waste water from industry. A blocked filter can quickly cause a pump to dry run and damage the pump motor – unless it has a suction-side Rotorflush self-cleaning pump filter.

In addition, valuable equipment – heat exchangers, water features, irrigation equipment, fountains etc – are protected from blocking. At the least this saves on downtime and maintenance and at best protects against loss of expensive machinery.

Life's too short to spend time unblocking pumps and filters!

Rotorflush's continuous backwash Self-cleaning Filters and Suction Strainers keep filters clear, keep pumps running, protect upstream equipment and minimise maintenance for trouble-free operation.

We also supply submersible pumps with our award winning intake filters integrated into their design

Water filtration and pumping combined. Our submersible filterpumps with a built self-cleaning pump filter combine suction intake filtration and pumping directly from a water source. All our submersible filterpumps have a built-in self-cleaning mechanism driven by an additional impeller in the pump.

Installation and operation are simple, put it in the water and plug it in. The self-cleaning mechanism keeps the filter clean and the pump delivers filtered water – output is uninterrupted by the backwash. Typical uses are filtering and pumping water from dirty lagoons lakes or rivers, filtering wash water for water treatment works, filtering water used in industrial processes and many other applications where dirty water is recycled or needs to be cleaned up before disposal.

Experts in Liquid / Solids Separation

All Rotorflush Filters are designed to allow water to be screened as it is pumped, removing suspended solids and debris that might otherwise compromise the efficiency of pumps or other equipment that the water is supplied to.

We now offer a liquid / solids separation system that not only screens out solids but removes them as it pumps.

This means for example, that dirty water in a tank can be pumped out, screened and refilled with cleaner water.

Details can be found on pages 42 – 43.

Contents

Welcome to Rotorflush Filters Ltd.'s new Product Catalogue

The Catalogue includes all our new and current products, with additional technical information and refreshed pump curves.

This brings the Catalogue in line with our website, where downloads and up to date pricing can be found.

For further information, or if you wish to discuss a particular project or requirement, please see our contact details below.

Contact Us

Rotorflush Filters are open
9:00am to 5:00pm Monday to Friday

Sales / Info

T: **+44 (0) 1297 560 229**

E: **sales@rotorflush.com**

W: **www.rotorflush.com**

SUBMERSIBLE FILTERPUMPS

A range of high quality submersible pumps with self-cleaning filters built-in. The pumps are fitted with self-cleaning filters that prevent the pump and filter from blocking. They use a continuous automatic backwash to clean the filter screen while delivering an uninterrupted supply of filtered output. They are ideal for use in water contaminated with suspended solids.

The self-cleaning inlet filters are capable of filtering from 9 to 150 cubic metres per hour. They have screen apertures ranging from 50 – 315 microns on the fine filters, and 0.5 - 6mm for coarser filtration. They protect the pump and other equipment from blockage. They extend pump life and reduce maintenance to a minimum.

FILTER WATER FOR:

- WASTE WATER TREATMENT
- FOUNTAINS AND WATER FEATURES
- ONLINE ANALYSERS
- HEAT PUMP SYSTEMS
- PRODUCE WASHING
- RAW WATER INTAKES
- SCREENING FOR FISH AND EELS
- FARM DIRTY WATER SYSTEMS
- COOLING WATER
- IRRIGATION
- AND MUCH MORE...

PLEASE NOTE:

Our filters are designed for use in dirty water or liquids with a viscosity close to that of water.

Our filters and filterpumps are NOT suitable for use in raw sewage or any other dirty water which contains oils or fat.

Pebble Filterpumps

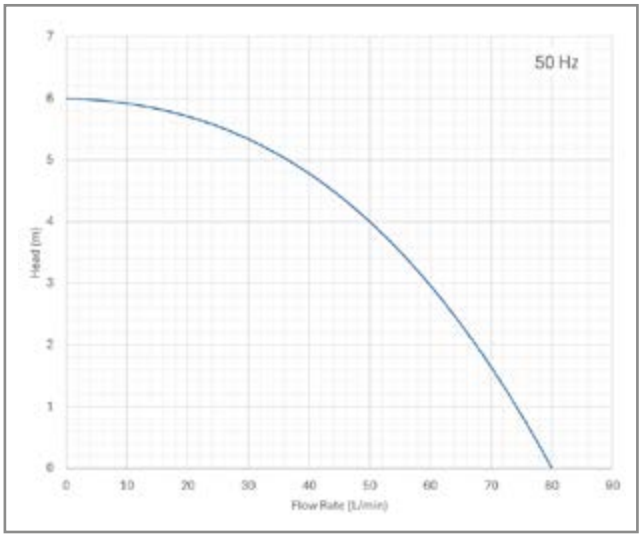
SUBMERSIBLE FILTERPUMPS

Pebble Filterpumps

Pebble submersible filterpump with built-in self-cleaning filter on the pump suction intake. It has a maximum output of 80 L/min and a max head of 6m. They are our smallest filterpump, ideal for sampling, eel passes, small water features, and domestic use.

Key Features

- ✓ **Pump and Filter simultaneously**
- ✓ **80 L/min Maximum Flow**
- ✓ **6 m Maximum Head**
- ✓ **Low Power**



Model	Voltage	Power	Amps	Outlet	Flow Rate Max	Head Max	Cable Length	Mesh	Height	Diameter
Pebble-160	230 V	0.1 kW	1.3	25 mm	80 L/min	6 m	10 m	315 micron	335 mm	170 mm

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Omnia Filterpumps

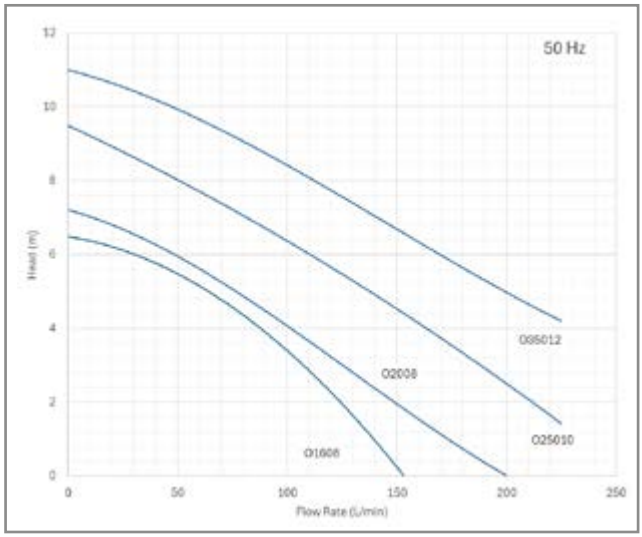
SUBMERSIBLE FILTERPUMPS

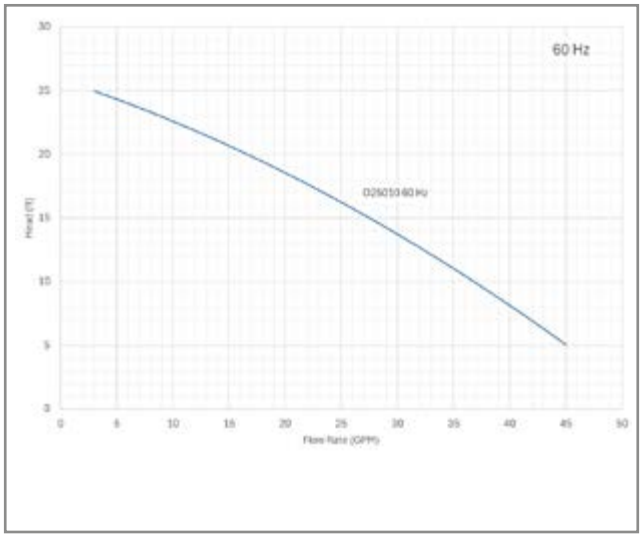
Omnia Filterpumps

Submersible pumps with built-in pump suction self-cleaning filters. Single phase low head filterpumps - up to 220 litres a minute, 45 US GPM. Ideal for sampling and small open loop heat pump systems.

Key Features

- ✓ **304 Stainless Steel construction**
- ✓ **220 L/min Maximum Flow**
- ✓ **11 m Maximum Head**
- ✓ **EA Eel Regulation Compliant Up to 192 L/Min**





Model	Voltage	Power	Amps	Flow Rate Max	Head Max	Cable	Float Switch	Height	Diameter	Weight
O1608	230 V	0.4 kW	2.4 A	150 L/min	7 m	10 m	Optional	453 mm	220 mm	9.5 kg
O25010	230 V	0.55 kW	4.5 A	225 L/min	10 m	10 m	Optional	491 mm	220 mm	10 kg
O35012	230 V	0.8 kW	5.1 A	225 L/min	11 m	10 m	Optional	491 mm	220 mm	11.5 kg
O2008 110v	110 V	0.55 kW	3.2 A	200 L/min	8 m	10 m	Optional	491 mm	220 mm	10 kg
O25010 60hz	115 V	0.55 kW	8 A	225 L/min	11 m	10 m	Included	491 mm	220 mm	10 kg

All models are single phase pumps with a 1¼ " outlet. Available stainless steel mesh sizes – 50, 100 or 315 micron aperture and 1, 2 or 3 mm aperture.

Idrogo Filterpumps

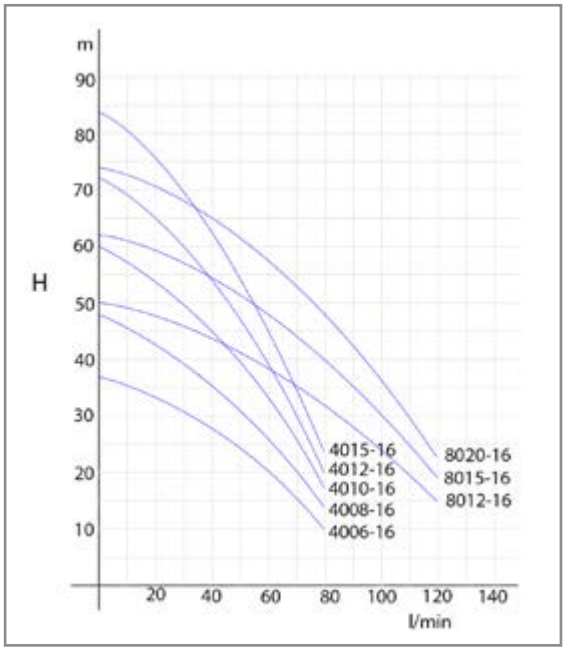
SUBMERSIBLE FILTERPUMPS

Idrogo Filterpumps

Medium-head submersible filterpumps with built-in self-cleaning filter on their intake. Stainless steel bodied pumps, ideal for domestic and small-scale industrial use, delivering up to 120 litres per minute, maximum head 83 metres.

Key Features

- ✓ **Centrifugal Pump with Self-cleaning Intake**
- ✓ **Maximum Flow Rate 120 L/min**
- ✓ **Screens Suspended Solids Down to 50 Microns**
- ✓ **Maximum Head 83 Metres**



Model	Voltage 1ph / 3ph	Power	Amps 1ph / 3ph	Flow Rate Max	Head Max	Height	Diameter	Weight 1ph	Weight 3ph
4006	230 / -	0.45 kW	3.8 / -	80 L/min	36 m	641 mm	220 mm	15 kg	-
4008	230 / 415	0.6 kW	4.3 / 1.9	80 L/min	48 m	641 mm	220 mm	17 kg	17 kg
4010	230 / 415	0.75 kW	5.7 / 2.2	80 L/min	60 m	667 mm	220 mm	18 kg	18 kg
4012	230 / 415	0.9 kW	6.8 / 2.4	80 L/min	72 m	718 mm	220 mm	19 kg	19 kg
4015	230 / 415	1.1 kW	7.3 / 3	80 L/min	84 m	744 mm	220 mm	20 kg	20 kg
8012	230 / 415	0.9 kW	6.4 / 2.3	120 L/min	50 m	668 mm	220 mm	18 kg	18 kg
8015	230 / 415	1.1 kW	7.5 / 3.1	120 L/min	63 m	692 mm	220 mm	19 kg	19 kg
8020	- / 415	1.5 kW	- / 3.5	120 L/min	75 m	718 mm	220 mm	-	20 kg

All models have a 1¼ inch outlet. Available stainless steel mesh sizes – 50-, 100- or 315-micron aperture. Float switch available on most single phase models

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Nauti Filterpumps

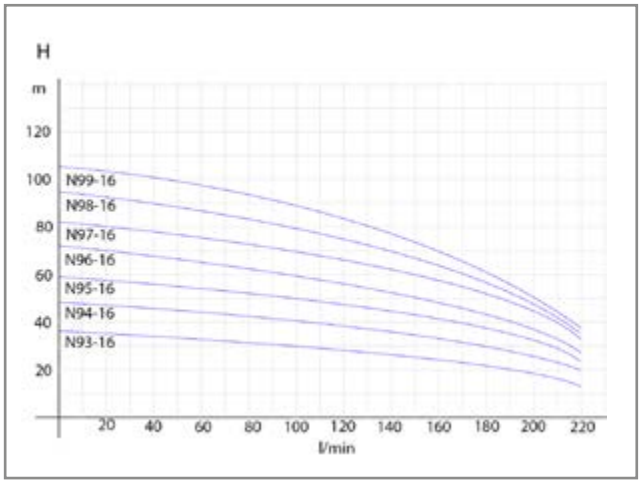
SUBMERSIBLE FILTERPUMPS

Nauti Filterpumps

High-head submersible filterpumps with built-in self-cleaning filters on the suction intake. They have a maximum output of 220 litres a minute, and can pump up to 10 bar. Pumping and filtration are combined. All stainless-steel construction.

Key Features

- ✓ **Multi-stage Pump with Self-cleaning Intake**
- ✓ **Maximum Flow Rate 220 L/min**
- ✓ **Screens Suspended Solids Down to 50 Microns**
- ✓ **Maximum Head 103 Metres**



Model	Voltage 1ph / 3ph	Power	Amps 1ph / 3ph	Flow Rate Max	Head Max	Height	Diameter	Weight 1ph	Weight 3ph
N93	230 / 415	1.1 kW	7.5 / 2.8	220 L/min	35 m	650 mm	220 mm	20.7 kg	19.7 kg
N94	230 / 415	1.5 kW	10.2 / 3.7	220 L/min	45 m	730 mm	220 mm	23.7 kg	21.2 kg
N95	230 / 415	2.2 kW	11.8 / 5.1	220 L/min	57 m	760 mm	220 mm	25.7 kg	24.2 kg
N96	230 / 415	2.2 kW	13 / 5.6	220 L/min	67 m	790 mm	220 mm	26.2 kg	24.7 kg
N97	- / 415	3 kW	- / 6.2	220 L/min	79 m	820 mm	220 mm	-	26.7 kg
N98	- / 415	3 kW	- / 6.5	220 L/min	90 m	850 mm	220 mm	-	27.2 kg
N99	- / 415	3 kW	- / 7.1	220 L/min	103 m	880 mm	220 mm	-	27.7 kg

All models have a 1¼ inch outlet. Available stainless steel mesh sizes – 50-, 100- or 315-micron aperture. Float switch available on single phase models

Beryl Filterpumps

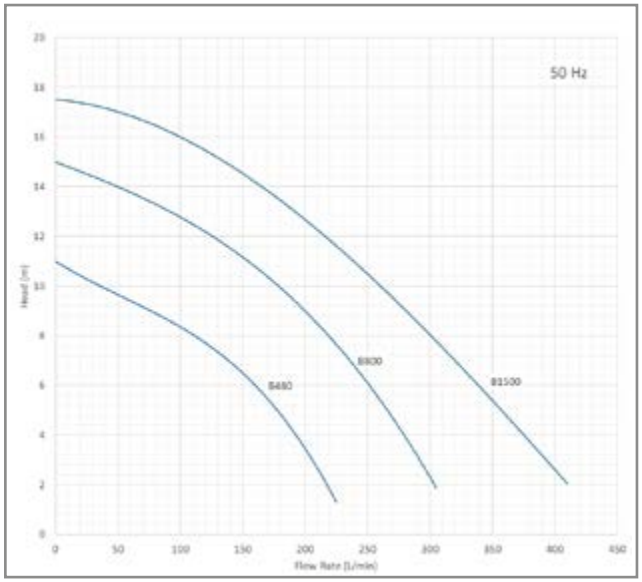
SUBMERSIBLE FILTERPUMPS

Beryl Filterpumps

Single phase 50 Hz low head submersible filterpumps with an integral self-cleaning filter on the pump suction intake. Robustly built with wear-resistant rubber and ductile iron for durability, up to 420 litres / min, max head of 17.5 m.

Key Features

- ✓ **Pumping and Screening Combined**
- ✓ **Maximum Flow Rate 420 L/min**
- ✓ **Portable Drainage Pump, Screens to 50 Microns**
- ✓ **Maximum Head 17.5 Metres**



Model	Voltage	Power	Amps	Flow Rate Max	Head Max	Height	Diameter	Weight
B480-16	230 V, 50 Hz	0.48 kW	3 A	225 L /min	11 m	510 mm	220 mm	14 kgs
B800-300	230 V, 50 Hz	0.75 kW	5 A	310 L / min	15 m	540 mm	320 mm	23 kgs
B1500-300	230 V, 50 Hz	1.5 kW	16 A	420 L / min	17.5 m	750 mm	320 mm	44 kgs

All models have a 50 mm outlet. Available stainless steel mesh sizes 50-, 100- or 315-micron aperture and 1-, 2- or 3-mm aperture. Optional float switch.

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Jasper Filterpumps

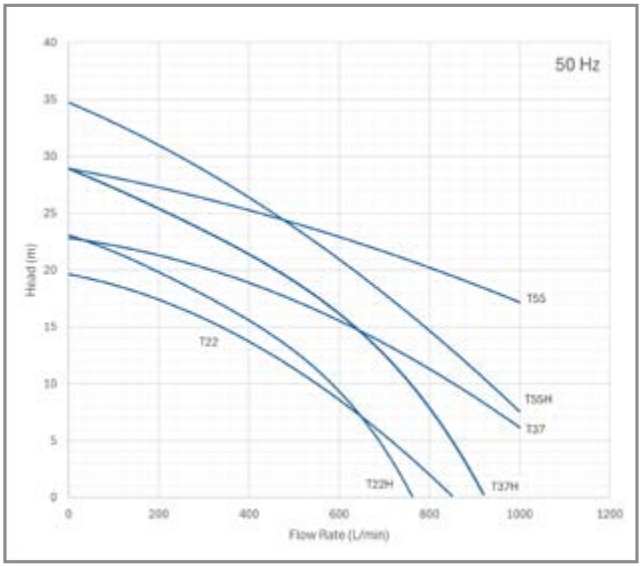
SUBMERSIBLE FILTERPUMPS

Jasper Filterpumps

Industrial submersible filterpumps with self-cleaning filter intakes. Low and medium head stainless steel pumps with a maximum output of 1000 l/min and a maximum head of 35 metres.

Key Features

- ✓ **Pumping and Screening Combined**
- ✓ **Maximum Flow Rate 1000 L/min**
- ✓ **Industrial Submersible Low to Medium Head Water Pumps**
- ✓ **Maximum Head 35 Metres**



Model	Voltage	Power	Rated Current	Outlet	Max Flow Rate	Max Head	Height	Diameter	Weight
T22	415 v	2.2 kW	4.8 A	3 "	850 L/min	20 m	728 mm	420 mm	70 kg
T37	415 v	3.7 kW	8.1 A	4 "	1000 L/min	23 m	733 mm	420 mm	75 kg
T55	415 v	5.5 kW	11.7 A	4 "	1000 L/min	29 m	838 mm	420 mm	90 kg
T22H	415 v	2.2 kW	4.8 A	3 "	765 L/min	23 m	728 mm	420 mm	70 kg
T37H	415 v	3.7 kW	8.1 A	3 "	920 L/min	29 m	733 mm	420 mm	75 kg
T55H	415 v	5.5 kW	11.7 A	3 "	1000 L/min	35 m	798 mm	420 mm	90 kg

Available 316 stainless steel mesh sizes 50-, 100- or 315-micron aperture and 1-, 2-, 3-, or 6 mm aperture.

Cobalt Filterpumps

SUBMERSIBLE FILTERPUMPS

Cobalt Filterpumps

Cobalt filterpumps are industrial submersible water pumps with a built-in self-cleaning suction intake screen. Cobalt 400 and 600 filterpumps are low to medium pressure, robust centrifugal pumps offering high volume pumping and screening - up to 108 m3 / hr.

Key Features

- ✓ **Pumping and Screening Combined**
- ✓ **Max Flow Rate - 108 m3/h**
- ✓ **Industrial Submersible Low to Medium Head Water Pumps**
- ✓ **Max Head - 30 metres, 98 ft**

400 Model	Voltage 50 Hz	Power	Rated Current	Outlet	Max Flow Rate	Max Head	Height	Diameter	Weight
CKC31.5	415 V	1.5 kW	3.5 A	80 mm	57 m3/h	15 m	745 mm	420 mm	60 kg
CKC32.2	415 V	2.2 kW	5 A	80 mm	65 m3/h	20 m	745 mm	420 mm	63 kg
CKC42.2	415 V	2.2 kW	5 A	100 mm	75 m3/h	19 m	765 mm	420 mm	63 kg

All models are three phase. Available stainless steel mesh sizes 50-, 100- or 315-micron aperture and 1-, 2-, 3- or 6-mm aperture.

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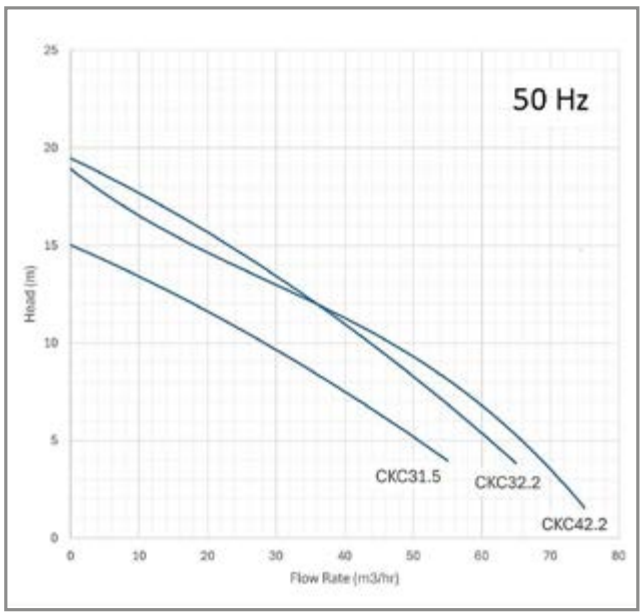
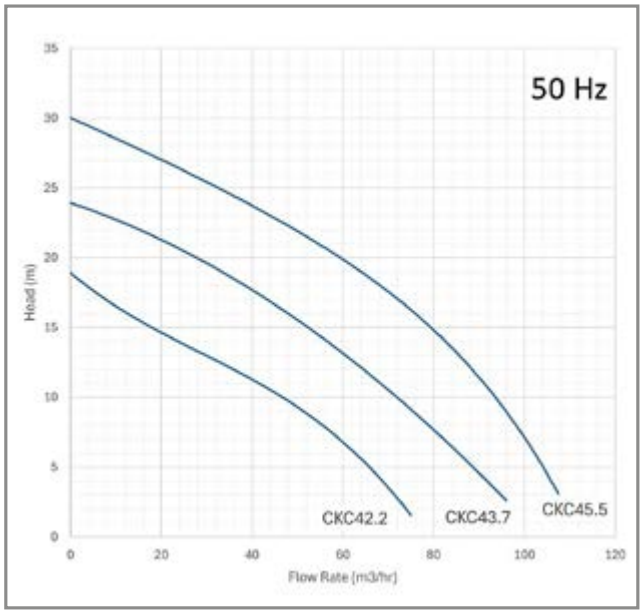


Cobalt 400 Curves



Cobalt 600 Curves

600 Model	Voltage 50 Hz	Power	Rated Current	Outlet	Max Flow Rate	Max Head	Height	Diameter	Weight
CKC42.21	400 V	2.2 kW	5.5 A	100 mm	78 m3/h	19.5 m	965 mm	655 mm	121 kg
CKC43.7	400 V	3.7 kW	7.7 A	100 mm	96 m3/h	25 m	1050 mm	655 mm	140 kg
CKC45.5	400 V	5.5 kW	12 A	100 mm	108 m3/h	30 m	1090 mm	655 mm	147 kg

All models are three phase. Available stainless steel mesh sizes 315-micron aperture and 1-, 2-, 3- or 6-mm aperture.

Sapphire Filterpumps

SUBMERSIBLE FILTERPUMPS

Sapphire Filterpumps

Sapphire filterpumps are general-purpose, high-pressure submersible filter pumps with a built-in self-cleaning suction intake screen. They can pump and screen up to 90 m3/hr. This range of filterpumps have a maximum head of 20.5 bar.

Key Features

- ✓ **Pumping and Screening Combined**
- ✓ **Max Flow Rate - 90 m3/h**
- ✓ **High Head Industrial Submersible Water Pumps**
- ✓ **Max Head – 205 metres**

400 Model	Voltage	Power	Rated Current	Outlet	Max Flow Rate	Max Head	Height	Diameter	Weight
SXN10/2-2.2	415 V	2.2 kW	5.4 A	50 mm	28 m3/hr	38 m	995 mm	420 mm	84 kg
SXN25/1-2.2	415 V	2.2 kW	5.4 A	65 mm	37 m3/hr	23 m	955 mm	420 mm	78 kg
SXN10/3-3	415 V	3 kW	7.2 A	50 mm	28 m3/hr	51 m	1030 mm	420 mm	93 kg
SXN25/2-3	415 V	3 kW	7.2 A	65 mm	37 m3/hr	33 m	1010 mm	420 mm	88 kg
SXN12.5/3-4	415 V	4 kW	8.8 A	50 mm	30 m3/hr	57 m	1075 mm	420 mm	98 kg
SXN25/2-4	415 V	4 kW	8.8 A	65 mm	40 m3/hr	43 m	1040 mm	420 mm	95 kg
SXN15/3-5.5	415 V	5.5 kW	11.7 A	50 mm	32 m3/hr	67 m	1120 mm	420 mm	106 kg
SXN25/3-5.5	415 V	5.5 kW	11.7 A	65 mm	40 m3/hr	64 m	1145 mm	420 mm	109 kg
SXN25/4-7.5	415 V	7.5 kW	15.7 A	65 mm	42 m3/hr	84 m	1265 mm	420 mm	123 kg
SXN25/5-9.2	415 V	9.2 kW	19.1 A	65 mm	44 m3/hr	104 m	1350 mm	420 mm	137 kg
SXN20/3-11	415 V	11 kW	22 A	65 mm	50 m3/hr	106 m	1335 mm	420 mm	209 kg
SXN20/4-15	415 V	15 kW	31 A	65 mm	50 m3/hr	142 m	1430 mm	420 mm	241 kg
SXN20/5-18.5	415 V	18.5 kW	37.2 A	65 mm	50 m3/hr	178 m	1505 mm	420 mm	266 kg
SXN20/6-22	415 V	22 kW	45 A	65 mm	50 m3/hr	204 m	1630 mm	420 mm	313 kg

All Sapphire models are three phase. Available 316 stainless steel mesh sizes 50-, 100- or 315-micron aperture and 1-, 2- or 3 mm aperture.

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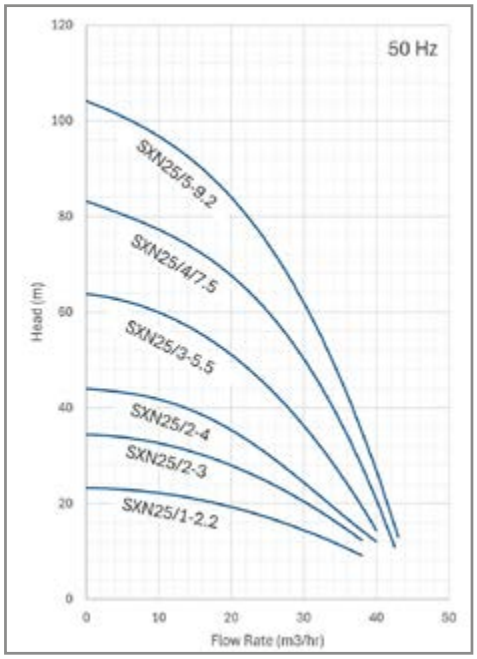
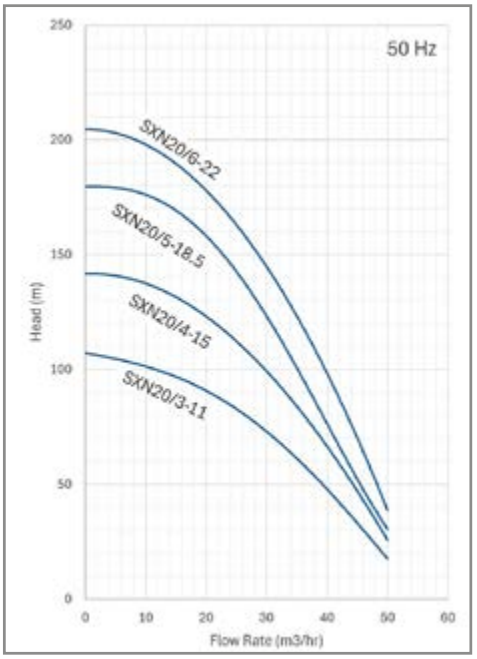
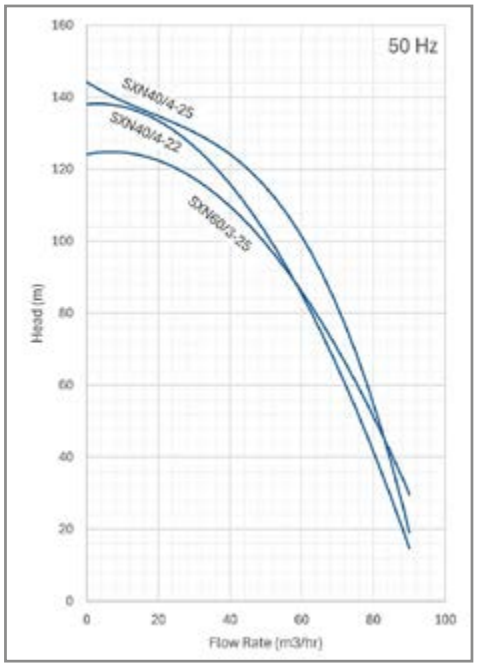


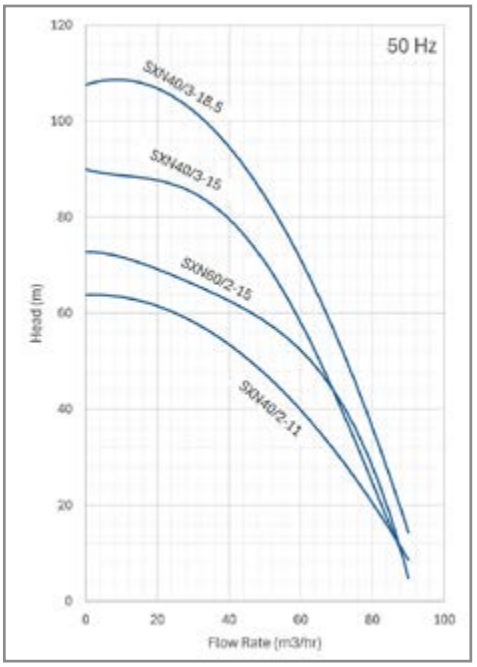
Sapphire 400 Curves



Sapphire 400 Curves



Sapphire 600 Curves



Sapphire 600 Curves

600 Model	Voltage	Power	Rated Current	Outlet	Max Flow Rate	Max Head	Height	Diameter	Weight
SXN40/2-11	400 V	11 kW	22 A	80 mm	90 m3/h	63 m	1485 mm	655 mm	255 kg
SXN40/3-15	400 V	11 kW	31 A	80 mm	90 m3/h	90 m	1605 mm	655 mm	285 kg
SXN60/2-15	400 V	15 kW	31 A	100 mm	90 m3/h	73 m	1530 mm	655 mm	270 kg
SXN40/3-18.5	400 V	18.5 kW	37.2 A	80 mm	90 m3/h	108 m	1620 mm	655 mm	305 kg
SXN60/2-18.5	400 V	18.5 kW	37.2 A	100 mm	90 m3/h	81 m	1550 mm	655 mm	285 kg
SXN40/4-22	400 V	22 kW	45 A	80 mm	90 m3/h	142 m	1775 mm	655 mm	320 kg
SXN40/4-25	400 V	25 kW	51 A	80 mm	90 m3/h	122 m	1775 mm	655 mm	360 kg
SXN60/3-25	400 V	25 kW	51 A	100 mm	90 m3/h	123 m	1700 mm	655 mm	340 kg

All Sapphire models are three phase. Available 316 stainless steel mesh sizes 50-, 100- or 315-micron aperture and 1-, 2- or 3 mm aperture.

Topaz Filterpumps

SUBMERSIBLE FILTERPUMPS

Topaz Filterpumps

Topaz 600 Filterpumps are medium head general purpose submersible filterpumps with integral self-cleaning suction intakes. They combine pumping and screening, delivering up to 150 m3/hr, and have a maximum head of 4.8 bar.

Key Features

- ✓ **Pumping and Screening Combined**
- ✓ **Max Flow Rate - 150 m3/h**
- ✓ **Industrial Submersible Water Pumps with Thermal Cutout**
- ✓ **Max Head – 4.8 bar**

400 Model	Voltage	Power	Rated Current	Outlet	Max Flow Rate	Max Head	Height	Diameter	Weight
TKS21.5	400 V	1.5 kW	3.5 A	50 mm	30 m3/hr	21 m	733 mm	420 mm	57 kg
TKS31.5	400 V	1.5 kW	3.5 A	80 mm	42 m3/hr	14 m	733 mm	420 mm	57 kg
TKS22.2	400 V	2.2 kW	5 A	50 mm	32 m3/hr	25 m	733 mm	420 mm	60 kg
TKS32.2	400 V	2.2 kW	5 A	80 mm	55 m3/hr	18.5 m	733 mm	420 mm	60 kg
TKS23.7	400 V	3.7 kW	7.7 A	50 mm	36 m3/hr	32 m	685 mm	420 mm	78 kg
TKS33.7	400 V	3.7 kW	7.7 A	80 mm	60 m3/hr	29 m	685 mm	420 mm	78 kg

All Topaz models are three phase. Available 316 stainless steel mesh sizes 50-, 100- or 315-micron aperture and 1-, 2- or 3 mm aperture.

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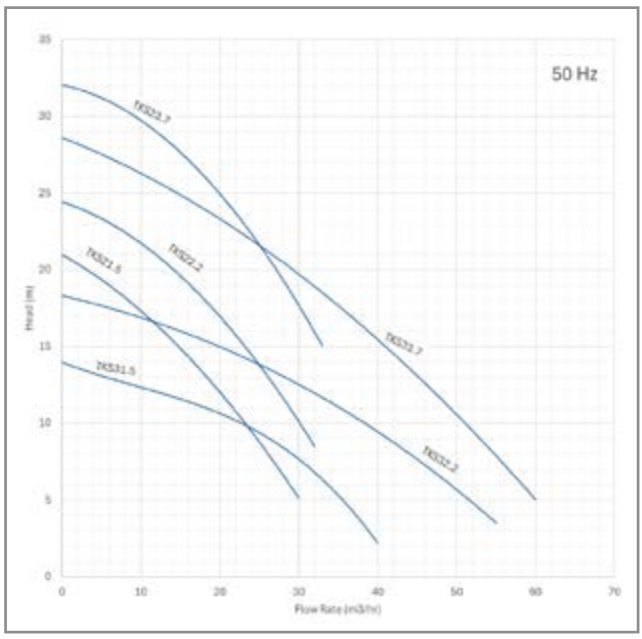
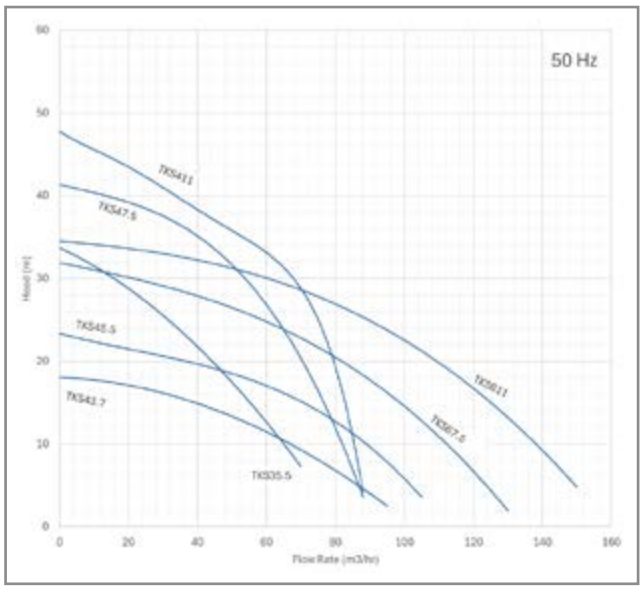


Topaz 400 Curves



Topaz 600 Curves

600 Model	Voltage	Power	Rated Current	Outlet	Max Flow Rate	Max Head	Height	Diameter	Weight
TKS43.7	400 V	3.7 kW	7.7 A	100 mm	95 m3/h	18 m	956 mm	615 mm	150 kg
TKS35.5	400 V	5.5 kW	11.4 A	80 mm	72 m3/h	35 m	971 mm	615 mm	161 kg
TKS45.5	400 V	5.5 kW	11.4 A	100 mm	105 m3/h	23 m	996 mm	615 mm	162 kg
TKS47.5	400 V	7.5 kW	15 A	100 mm	88 m3/h	41 m	1151 mm	615 mm	203 kg
TKS67.5	400 V	7.5 kW	15 A	150 mm	130 m3/h	32 m	1151 mm	615 mm	205 kg
TKS411	400 V	11 kW	22 A	100 mm	86 m3/h	48.5 m	1195 mm	615 mm	218 kg
TKS611	400 V	11 kW	22 A	150 mm	150 m3/h	34 m	1195 mm	615 mm	220 kg

All Topaz models are three phase. Available 316 stainless steel mesh sizes 315-micron aperture and 1-, 2-, or 3 mm aperture.

RUBI Filterpumps

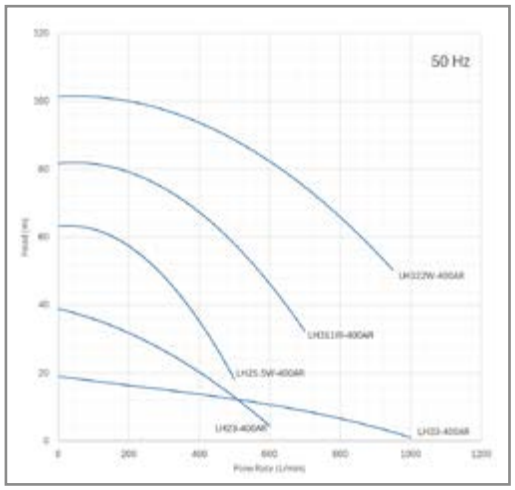
SUBMERSIBLE FILTERPUMPS

RUBI Filterpumps

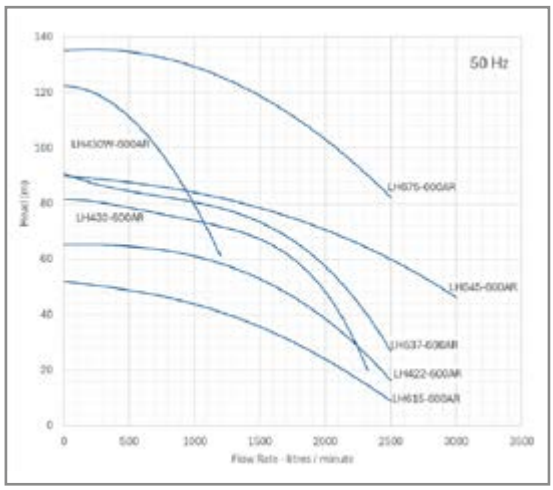
RUBI 400 and 600 filterpumps are extremely tough filterpumps, suitable for heavy industrial applications. These cast-iron pumps with stainless steel self-cleaning intakes will pump and screen up to 1000 litres a minute and have a maximum head of 10.2 bar.

Key Features

- ✓ **Pumping and screening combined**
- ✓ **Maximum flow rate - 1000 l / min**
- ✓ **Industrial submersible water pumps with thermal cutout**
- ✓ **Maximum head 102 metres**



RUBI 400 Curves



RUBI 600 Curves

400 Model	Voltage	Power	Rated Current	Outlet	Max Flow Rate	Max Head	Height	Diameter	Weight
LH23-400AR	400 V	3 kW	7 A	2 "	600 L/min	39 m	816 mm	420 mm	65 kg
LH33-400AR	400 V	3 kW	7 A	3 "	1000 L/min	158 m	816 mm	420 mm	61 kg
LH25.5W-400AR	400 V	5.5 kW	11.5 A	2 "	480 L/min	65 m	1000 mm	420 mm	105 kg
LH311W-400AR	400 V	11 kW	22.5 A	3 "	700 L/min	82 m	1180 mm	420 mm	150 kg
LH322W-400AR	400 V	22 kW	39 A	3 "	940 L/min	102 m	1484 mm	420 mm	329 kg

All RUBI 400 models are three phase. Available 316 stainless steel mesh sizes 50-, 100- or 315-micron aperture and 1-, 2-, 3 or 6 mm aperture.

600 Model	Voltage	Power	Rated Current	Outlet	Max Flow Rate	Max Head	Height	Diameter	Weight
LH430W-600AR	400 V	30 kW	55 A	4 "	1000 L/min	123 m	1625 mm	620 mm	344 kg
LH615-600AR	400 V	15 kW	27.5 A	6"	2400 l / min	52 m	1504 mm	620 mm	281 kg
LH422-600AR	400 V	22 kW	40.5 A	4"	2400 l / min	66 m	1842 mm	620 mm	418 kg
LH430-600AR	400 V	30 kW	55 A	4"	2300 l / min	80 m	1842 mm	620 mm	423 kg
LH637-600AR	400 V	37 kW	67 A	6"	2375 l / min	90 m	1938 mm	620 mm	563 kg
LH645-600AR	400 V	45 kW	81 A	6"	3000 l / min	90 m	1938 mm	620 mm	578 kg
LH675-600AR	400 V	75 kW	130 A	6"	2440 l / min	132 m	2166 mm	620 mm	933 kg

All RUBI models are three phase. Available 316 stainless steel mesh sizes 315-micron aperture and 1-, 2-, or 3 mm aperture.

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RUBI KRS Filterpumps

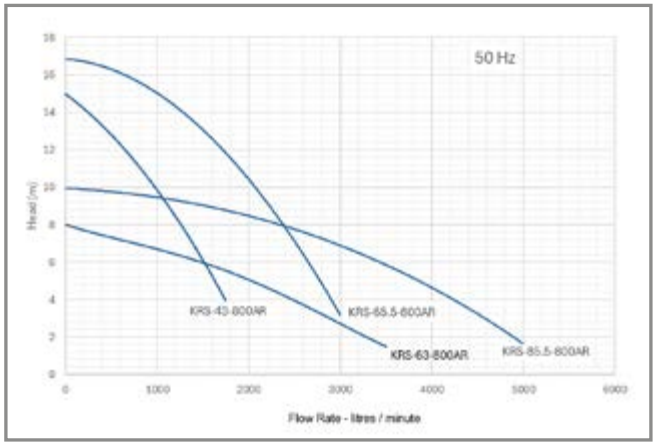
SUBMERSIBLE FILTERPUMPS

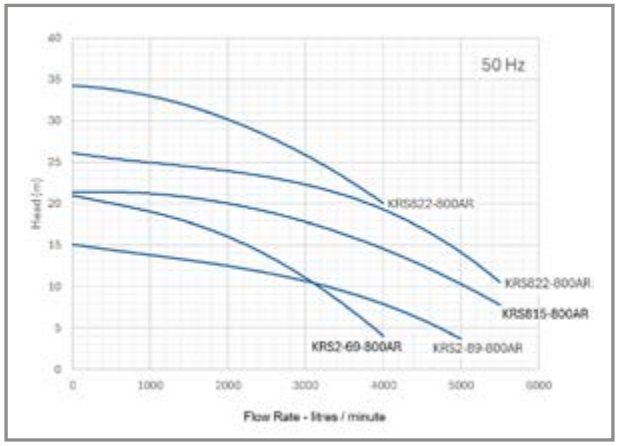
RUBI KRS Filterpumps

RUBI KRS 800AR filterpumps are built with heavy duty cast iron and stainless steel, suitable for mining, agricultural and heavy industrial applications. Offering higher capacities than the RUBI 400 and 600 filterpumps, they will pump and screen up to 335 m3 / hr, and have a maximum head of 3.4 bar.

Key Features

- ✓ **Pumping and screening combined**
- ✓ **Maximum flow rate 335 m3 / hr**
- ✓ **Heavy duty, industrial, medium head filterpump**
- ✓ **Maximum head 3.4 bar**





600 Model	Voltage	Power	Rated Current	Outlet	Max Flow Rate	Max Head	Height	Diameter	Weight
KRS-43-800AR	400 V	3	6.5 A	100	1820 l / min	15 m	1204 mm	860 mm	260 kg
KRS-63-800AR	400 V	3	6.5 A	150	3250 l / min	8 m	1330 mm	860 mm	260 kg
KRS-65.5-800AR	400 V	5.5	12 A	150	3200 l / min	17 m	1251 mm	860 mm	280 kg
KRS2-69-800AR	400 V	9	19 A	150	4250 l / min	21 m	1296 mm	860 mm	320 kg
KRS-85.5-800AR	400 V	5.5	12.1 A	200	4900 l / min	10 m	1353 mm	860 mm	290 kg
KRS2-89-800AR	400 V	9	19 A	200	5300 l / min	15 m	1367 mm	860 mm	340 kg
KRS815-800AR	400 V	15	31.9 A	200	6400 l / min	21 m	1502 mm	860 mm	400 kg
KRS822-800AR	400 V	22	44.6 A	200	5300 l / min	34 m	1709 mm	860 mm	555 kg
KRS822L-800AR	400 V	22	44.6 A	200	5573 l / min	26 m	1709 mm	860 mm	555 kg

All RUBI models are three phase. Available 316 stainless steel mesh sizes: 315-micron aperture and 1-, 2-, or 3 mm aperture.

RUBI LH-800 Filterpumps

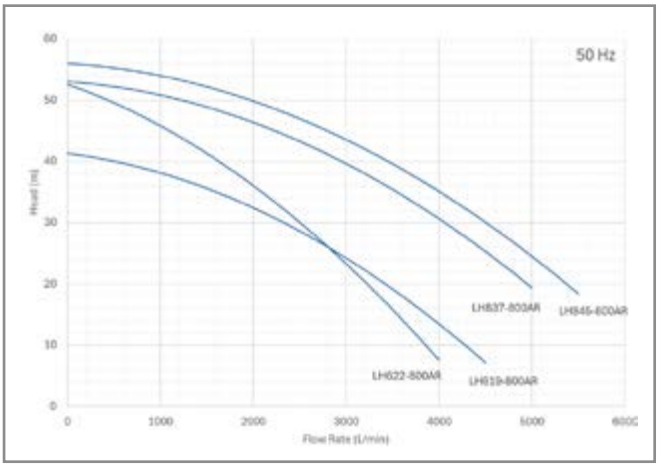
SUBMERSIBLE FILTERPUMPS

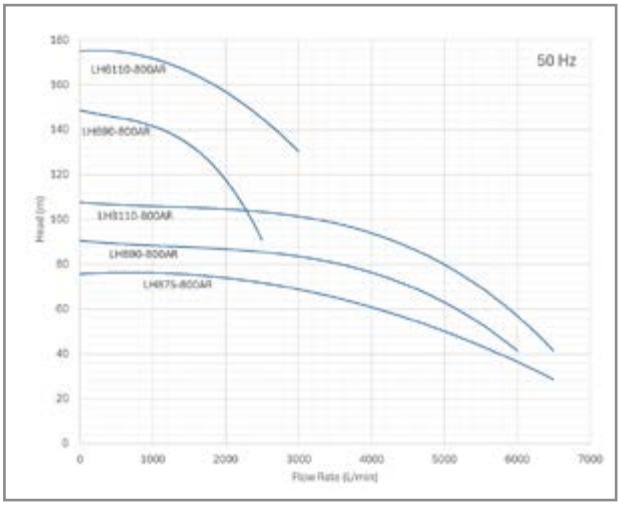
RUBI LH-800 Filterpumps

RUBI LH-800 filterpumps are durable, cast iron, high-pressure water pumps with stainless steel self-cleaning suction intake screens, suitable for heavy industrial applications and dirty water conditions. They will pump and screen up to 390 m3 / hr, and have a maximum head of 17.5 bar.

Key Features

- ✓ **Pumping and screening combined**
- ✓ **Maximum flow rate 390 m3 / hr**
- ✓ **Heavy duty, industrial, medium head filterpump**
- ✓ **Maximum head 17.5 bar**





Model	Voltage	Power	Rated Current	Outlet	Max Flow Rate	Max Head	Height	Diameter	Weight
LH619-800AR	400 V	19 kW	36 A	150	4400 l / min	42	1842 mm	860 mm	418 kg
LH622-800AR	400 V	22 kW	40.5 A	150	3800 l / min	54	1842 mm	860 mm	428 kg
LH837-800AR	400 V	37 kW	67 A	200	5400 l / min	52	1978 mm	860 mm	563 kg
LH845-800AR	400 V	45 kW	81 A	200	5500 l / min	52	1978 mm	860 mm	578 kg
LH875-800AR	400 V	75 kW	130 A	200	6500 l / min	70	2206 mm	860 mm	933 kg
LH690-800AR	400 V	90 kW	166 A	150	2455 l / min	149	2277 mm	860 mm	1168 kg
LH890-800AR	400 V	90 kW	166 A	200	6000 l / min	89	2277 mm	860 mm	1218 kg
LH6110-800AR	400 V	110 kW	209 A	150	2960 l / min	178	2277 mm	860 mm	1268 kg
LH8110-800AR	400 V	110 kW	209 A	200	6460 l / min	106	2277 mm	860 mm	1318 kg

All models are three phase. Woven 316 stainless steel mesh sizes: 1-, 2-, or 3 mm aperture.

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RUBI LH-1000 Filterpumps

SUBMERSIBLE FILTERPUMPS

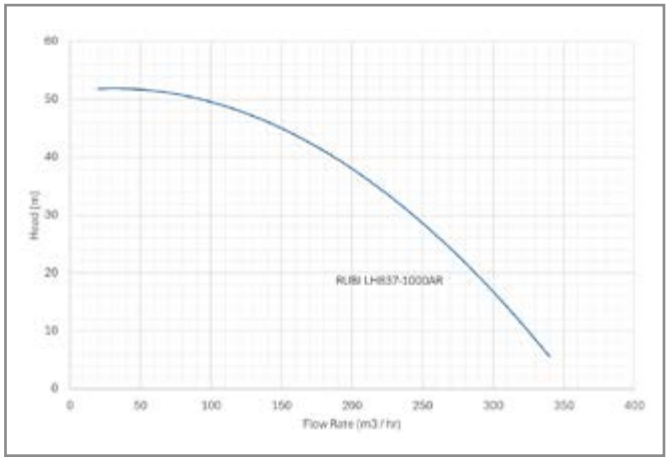
RUBI LH-1000 Filterpumps

RUBI LH-1000 filterpumps are our largest submersible filterpump, incorporating a 1 metre diameter integral self-cleaning suction intake filter.

The filterpumps are durable, cast iron, high-pressure water pumps with stainless steel self-cleaning suction intake screens, suitable for heavy industrial use where contaminated water needs to be screened. They will pump and screen up to 320 m3 / hr, and have a maximum head of 5.1 bar.

Key Features

- ✓ **Pumping and screening combined**
- ✓ **Maximum flow rate 321 m3 / hr**
- ✓ **Heavy duty, industrial, medium head filterpump**
- ✓ **Maximum head 5.1 bar**



Model	Voltage	Power	Rated Current	Outlet	Max Flow Rate	Max Head	Height	Diameter	Weight
LH-837-1000AR	400 V	3.7 kW	67 A	200 mm	5350 L/min	51.4 m	2207 mm	1050 mm	770 kg

All RUBI models are three phase. Available 316 stainless steel mesh sizes: 1-, 2-, or 3 mm aperture.

CORROSION RESISTANT
FILTERPUMPS

High quality, all 316 stainless steel, submersible pumps with self- cleaning filters built-in. The pumps are manufactured throughout in 316 stainless steel for corrosion resistance in chemically harsh water conditions, brackish water and seawater. They have integral self-cleaning suction intake filters that prevent the pump and filter from blocking in water contaminated with suspended solids or containing debris.

A continuous automatic backwash cleans the filter screen while delivering an uninterrupted supply of filtered water. These filterpumps are capable of filtering up to 120 cubic metres per hour. They have screen apertures ranging from 50 – 315 microns on the fine filters, and 1 - 6mm for coarser filtration. They protect the pump and other equipment from blockage, extending pump life and reducing maintenance to a minimum.

FILTER WATER FOR:

- COOLING WATER
- HEAT PUMPS
- FISH AND EEL SCREENING
- LAUNDRIES
- ONLINE ANALYSERS
- FARM USE
- AND MUCH MORE...

PLEASE NOTE:

Our filters are designed for use in dirty water or liquids with a viscosity close to that of water.

Our filters and filterpumps are NOT suitable for use in raw sewage or any other dirty water which contains oils or fat.

Jasper SS Filterpumps

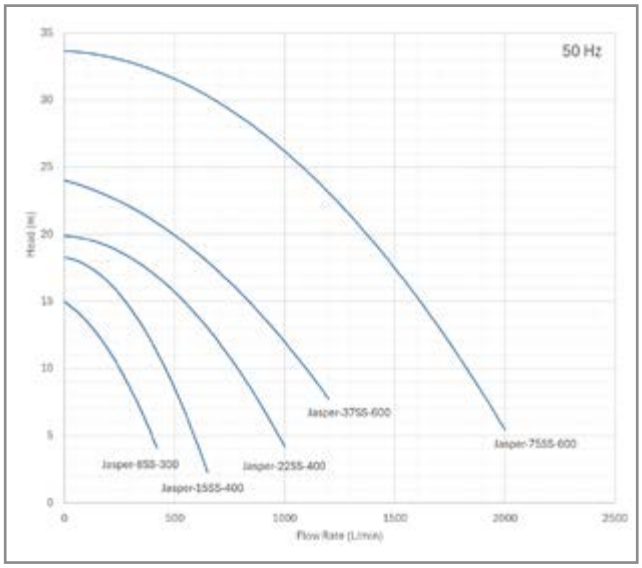
SUBMERSIBLE FILTERPUMPS

Jasper SS Filterpumps

Jasper SS filterpumps are corrosion resistant all 316 stainless steel submersible filter pumps with a self-cleaning intake filter for use in corrosive environments and seawater (see note below). Low and medium head with a maximum output of 2000 l/min and a maximum head of 34 metres.

Key Features

- ✓ **Pumping and screening combined**
- ✓ **Maximum flow rate 2000 l/min**
- ✓ **Heavy duty, corrosion resistant filterpump with thermal cutout**
- ✓ **Maximum head 34 m**



316 stainless steel is used widely in marine applications, but its corrosion resistance in contact with seawater is limited, so it cannot be considered 'corrosion proof'. The corrosion risks increase with the effects of chloride concentrations, evaporation, temperature, aeration etc, (working individually or together); hence, the **guarantee period** for these models relates to the mechanical operation and may not cover all seawater conditions. Please contact our sales department for guidance.

Model	Voltage	Power	Outlet	Max Flow Rate	Max Head	Height	Diameter	Weight
JST-8SS-300	240 v	0.75 kW	2"	294 L/min	16 m	624 mm	320 mm	41 kg
JST-15SS-300	400 v	1.5 kW	3"	465 L/min	17 m	645 mm	320 mm	43 kg
JST-15SS-400	400 v	1.5 kW	3"	465 L/min	17 m	645 mm	420 mm	46 kg
JST-22SS-400	400 v	2.2 kW	3"	780 L/min	21 m	705 mm	420 mm	59 kg
JST-37SS-600	400 v	3.7 kW	3"	965 L/min	24 m	1102 mm	655 mm	130 kg
JST-55SS-600	400 v	5.5 kW	4"	1920 L/min	26 m	1107 mm	655 mm	150 kg
JST-75SS-600	400 v	7.5 kW	6"	2065 L/min	35.5 m	1170 mm	655 mm	160 kg

Available 316 stainless steel mesh sizes 50-, 100- or 315-micron aperture (small diameter filterpumps) and 1-, 2-, 3-, or 6 mm aperture (all).

RUBI SFQ Filterpumps

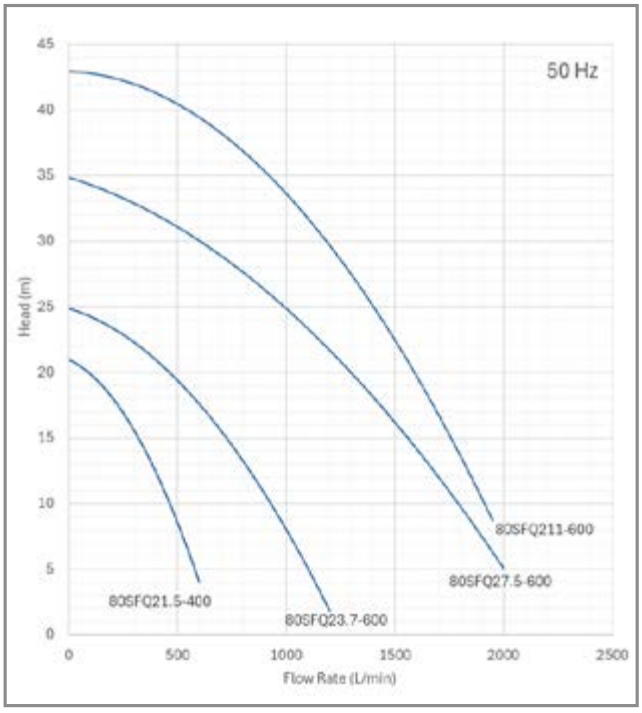
SUBMERSIBLE FILTERPUMPS

RUBI SFQ Filterpumps

RUBI-SFQ Filterpumps are all 316 stainless steel filter pumps, for use in corrosive environments and seawater (see note below). The pump body, all wetted parts and the self-cleaning suction intake are all 316-grade stainless steel. They will pump and screen up to 2000 litres a minute, at a maximum head of 4.3 bar.

Key Features

- ✓ **Pumping and screening combined**
- ✓ **Maximum flow rate - 2000 l / min**
- ✓ **Heavy duty, corrosion resistant filterpump with thermal cutout**
- ✓ **Maximum head 43 metres**



316 stainless steel is used widely in marine applications, but its corrosion resistance in contact with seawater is limited, so it cannot be considered 'corrosion proof'. The corrosion risks increase with the effects of chloride concentrations, evaporation, temperature, aeration etc, (working individually or together); hence, the **guarantee period** for these models relates to the mechanical operation and may not cover all seawater conditions. Please contact our sales department for guidance.

Model	Voltage	Power	Rated Current	Outlet	Max Flow Rate	Max Head	Height	Diameter	Weight
80SFQ21.5-400	400 V	1.5 kW	4 A	3"	645 L/min	21 m	690 mm	420 mm	51 kg
80SFQ23.7-600	400 V	3.7 kW	7 A	3"	1180 L/min	24.6 m	926 mm	655 mm	110 kg
80SFQ27.5-600	400 V	7.5 kW	15 A	3"	1995 L/min	35.1 m	1218 mm	655 mm	220 kg
80SFQ211-600	400 V	11 kW	21 A	3"	1949 L/min	43.9 m	1272 mm	655 mm	250 kg

All RUBI SFQ models are three phase. Available 316 stainless steel mesh sizes: 315-micron aperture and 1-, 2-, 3 or 6 mm aperture.

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SELF-CLEANING
SUCTION INTAKE FILTERS

Rotorflush Self-Cleaning Suction Intake Filters & Strainers are for use with surface mounted pumps. They are a welcome alternative to the traditional basket strainer.

All our filters are self-cleaning with an automatic backwash. The self-cleaning mechanism prevents the filter blinding or the pump blocking.

Our self-cleaning suction intake filters & strainers have capacities from 30 litres a minute to 1000 litres a minute. Screen apertures range from 50 microns to 6mm depending on models.

They are used to keep pumps and equipment clear in domestic and light industrial applications. They are ideal for Eel Screening.

Our filters and screens deliver low maintenance efficient screening in very difficult conditions.

SELF-CLEANING SUCTION INTAKE FILTERS & STRAINERS – FILTER FROM 30 LPM TO 1000 LPM.

FILTER WATER FOR:

- DOMESTIC HEAT PUMPS
- LIGHT INDUSTRIAL PROCESSES
- WASH WATER
- WATER FEATURES
- GARDEN PONDS
- ONLINE ANALYSERS

RF100 Self-cleaning Filters

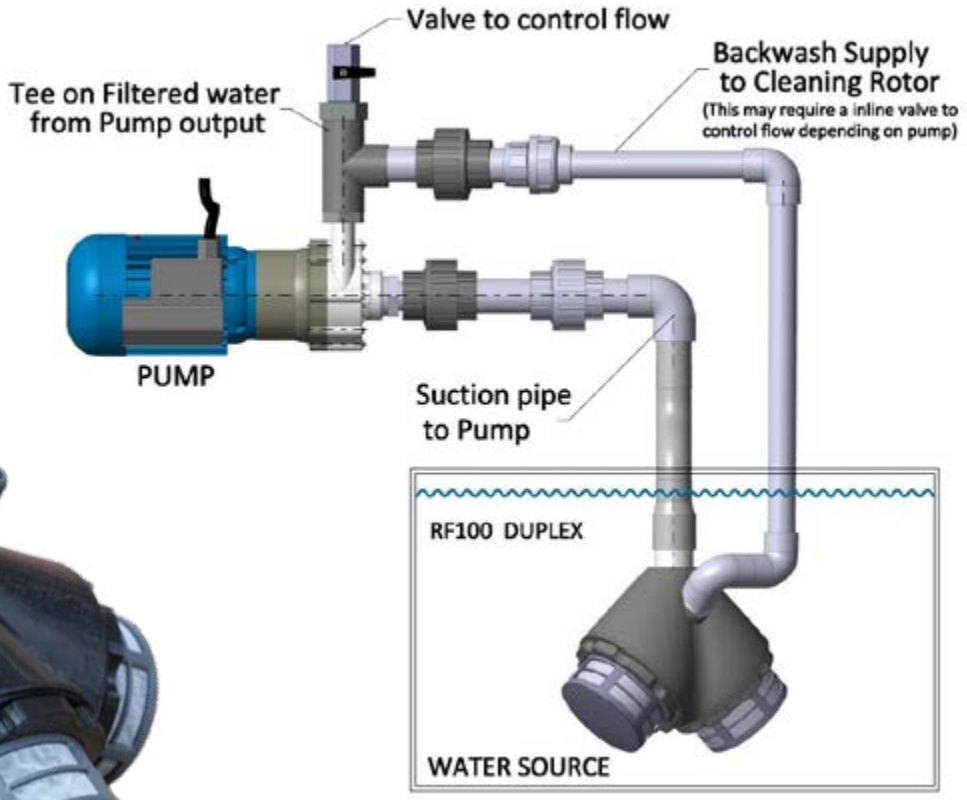
SELF CLEANING INTAKE FILTERS

RF100
Self-cleaning Filters

RF100 self-cleaning filters are designed to protect dry mounted pumps and other equipment from blocking while water is being pumped. They are pump suction hose filters available with 1, 2, or 3 filter heads, for a range of flow rates up to 90 litres a minute, 24 US GPM. They can be fitted with 60-, 115- or 250-micron mesh, US Mesh 230, 120 and 60. BSP and NPT fittings available.

Key Features

- ✓ **Compact and Robust Construction**
- ✓ **Keeps Pumps, Fountains, Nozzles etc. From Blocking**
- ✓ **Filters Up to 90 L/Min Down to 60 Microns**
- ✓ **Quick release for mesh changes**
- ✓ **Simultraneous pumping and filtering**



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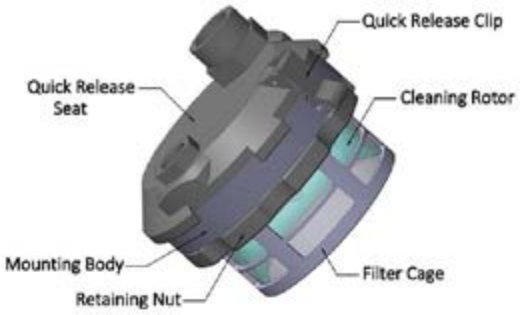
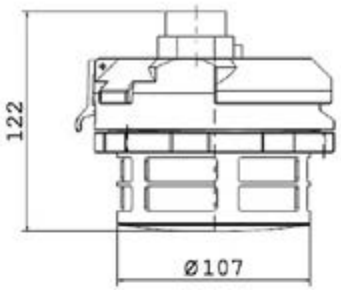
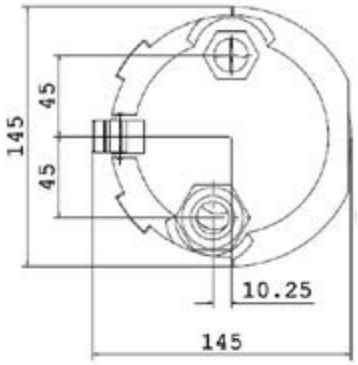
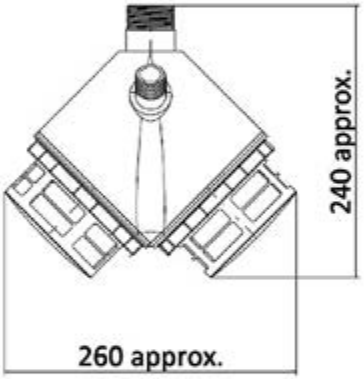


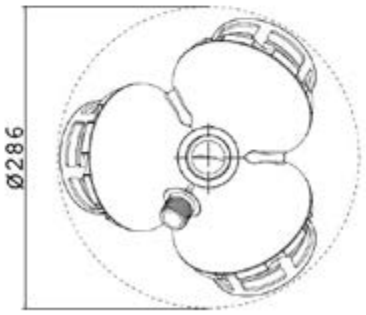


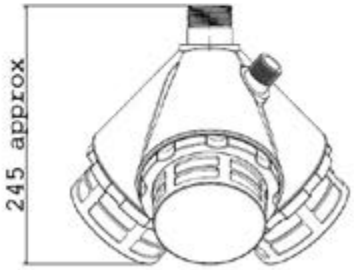


RF100IND-Q



RF100 Duplex





RF100 Triplex

RF100 Model	Flow Rate max	Outlet	Backwash Connection	Height	Diameter	Weight	Backwash
RF100IND-Q	30 L/min	0.75" BSP	0.5" BSP	122 mm	145 mm	0.45 kg	6 l/min (approx.)
RF100Duplex	60 L/min	1.25" BSP	0.75" BSP	240 mm	260 mm	0.4 kg	12 l/min (approx.)
RF100Triplex	90 L/min	1.25" BSP	0.75" BSP	245 mm	286 mm	0.6 kg	18 l/min (approx.)

RF100 Filters can be fitted with 60-, 115- or 250-micron nylon filter mesh

RF100 Filter Component	Filter Mesh	Filter Cage	Filter Body	Cleaning Jets
Material	Nylon Mesh	Polypropylene	ABS (Acrylonitrile Butadiene Styrene)	Acetal copolymer

RF200 Self-cleaning Filters

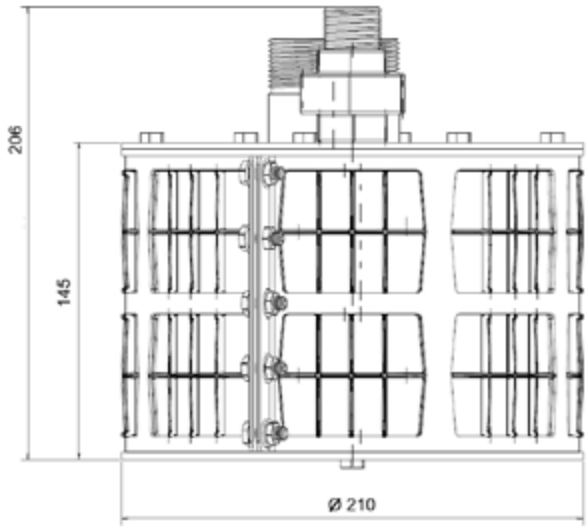
SELF CLEANING INTAKE FILTERS

RF200
Self-cleaning Filters

RF200 self-cleaning filters provide effective screening for surface mounted pump intakes. The RF200 pump suction hose filters can screen from 50 microns - 6 mm, handling up to 220 litres a minute, 58 US GPM. A continuous backwash keeps the intake screen clear.

Key Features

- ✓ **All Stainless Steel Construction**
- ✓ **Filters Up to 200 L/Min Down to 50 Microns**
- ✓ **Use with Centrifugal and Progressive Cavity Pumps**
- ✓ **Simultaneous pumping and filtering**



Please Note: Our filters are designed for use in dirty water or liquids with a viscosity close to that of water. Our filters and filterpumps are **NOT** suitable for use in raw sewage or any other dirty water which contains oils or fat.

Model	Flow Rate max	Outlet	Backwash Connection	Height	Diameter	Weight	Backwash	Backwash Pressure
RF200	220 L/min	2" BSP	0.75" BSP	206 mm	210 mm	5 kg	75 – 90 L/min	0.4 bar

RF200 available mesh sizes: Nylon mesh 60, 115 or 300 microns, stainless steel mesh 50, 100 or 315 microns, 1, 2,3 or 6 mm aperture

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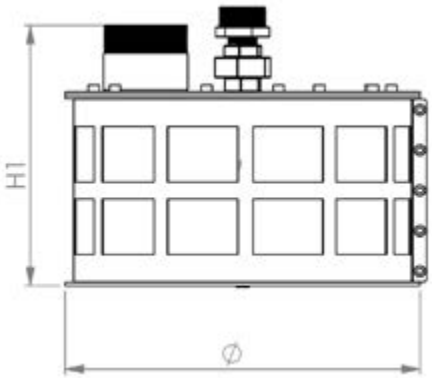
RF300 Self-cleaning Filters

SELF CLEANING INTAKE FILTERS

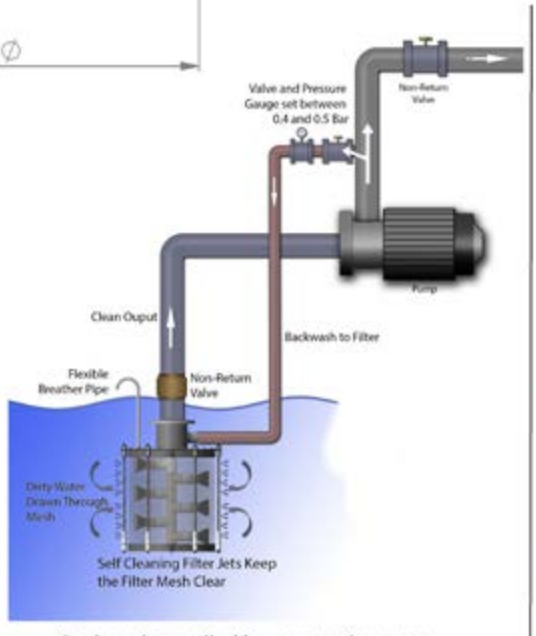


RF300
Self-cleaning Filters

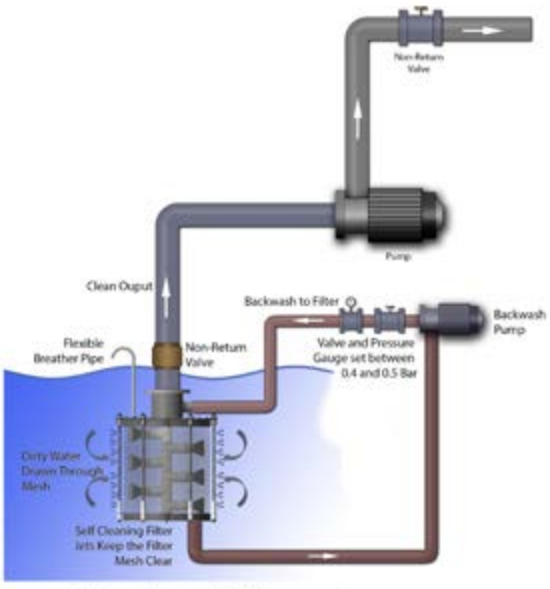
RF300 self-cleaning filters provide more capacity than the RF200 filters. These 300 mm diameter intakes for surface mounted pumps allow effective low maintenance filtering and screening of water without interrupting the flow. The RF300 self-cleaning filters can screen from 50 microns - 6 mm, handling up to 560 litres a minute, 148 US GPM. A continuous backwash keeps the intake screen clear.

Key Features

- ✓ **Protects Pumps and Equipment from Blocking**
- ✓ **Use with Centrifugal and Progressive Cavity Pumps**
- ✓ **All 316 Stainless Steel Construction**
- ✓ **Simultaneous pumping and filtering**



Backwash supplied by your main pump



Backwash supplied by separate pump

Model	Flow Rate max	Outlet	Backwash Connection	Height	Diameter	Weight	Backwash	Backwash Pressure
RF300	36 m3/h	2.5" BSP	1.25" BSP	252 mm	320 mm	6 kg	90 L/min	0.4 bar

RF300 available mesh sizes: Nylon mesh 60, 115 or 300 microns, stainless steel mesh 50, 100 or 315 microns, 1, 2,3 or 6 mm aperture

RF400 Self-cleaning Filters

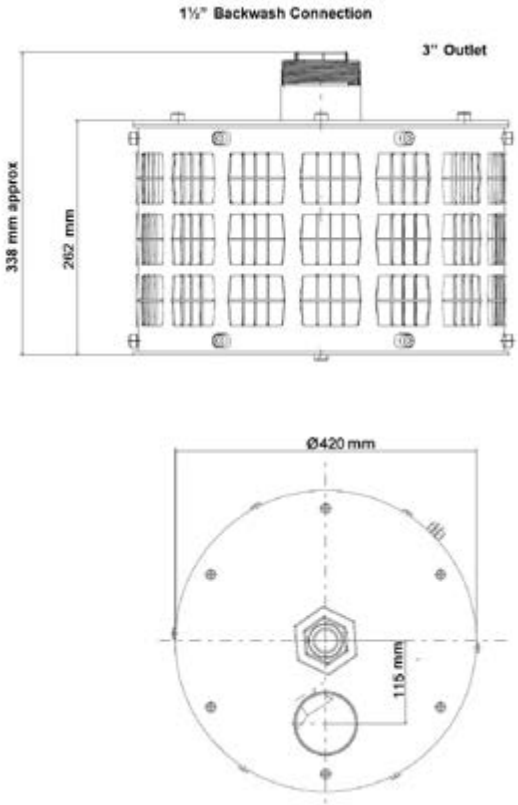
SELF CLEANING INTAKE FILTERS

RF400
Self-cleaning Filters

Self-cleaning Industrial Water Filters and Strainers. Extremely tough, stainless steel RF400 self-cleaning basket filters are for use on the pump suction hose of surface mounted pumps. The RF400 can filter up to 1000 litres per minute, 265 US GPM, from 50 microns to 6 mm.

Key Features

- ✓ **All 316 Stainless Steel Construction**
- ✓ **Use with Centrifugal and Progressive Cavity Pumps**
- ✓ **Protects Pumps and Equipment from Blocking**
- ✓ **Filters From 6 mm down to 50 Microns**



Please Note: Our filters are designed for use in dirty water or liquids with a viscosity close to that of water. Our filters and filterpumps are **NOT** suitable for use in raw sewage or any other dirty water which contains oils or fat

Model	Flow Rate max	Outlet	Backwash Connection	Height	Diameter	Weight	Backwash	Backwash Pressure
RF300	60 m3 / hr	3" BSP	1.5" BSP	338 mm	420 mm	19 kg	9 m3 / hr	0.4 bar

RF300 available mesh sizes: Nylon mesh 60, 115 or 300 microns, stainless steel mesh 50, 100 or 315 microns, 1, 2,3 or 6 mm aperture

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SELF-CLEANING
INTAKE STRAINERS AND EEL SCREENS

Our larger self-cleaning suction intake filters & strainers can deliver up to 1642 m3/hour, (7230 US GPM) when fitted with 2 mm aperture mesh.

Rotorflush Self-cleaning Intake Strainers and Eel & Fish Screens are designed for use on the suction hose of surface mounted pumps. They can also be used to screen gravity fed intakes as long as a pump is used to supply the backwash.

Rotorflush Filters Ltd have developed their range of award-winning self-cleaning suction intake filters to comply with EU and UK Eel regulations, and US EPA Rule 316(b) constraints on cooling water intakes. Our intake screens enable low maintenance, regulation compliant raw water abstraction where fish and eel protection is required on intake.

These self-cleaning strainers also protect any downstream equipment – for example pumps, irrigators, wash water sprays, heat exchangers etc –, reducing the risk of blockage and clogging.

They are used for screening raw water intakes in the Water Industry, District Heating Systems, Data Centre Cooling systems, Irrigation systems and more. They are ideal for Eel Screening and Fish protection.

OUR FILTERS AND SCREENS DELIVER LOW MAINTENANCE EFFICIENT WATER INTAKE SCREENING IN VERY DIFFICULT CONDITIONS

RF-AR Self-Cleaning Strainers

SELF CLEANING INTAKE FILTERS & STRAINERS

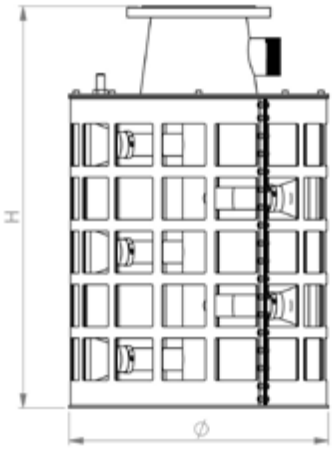
Self-cleaning Industrial Water Filters and Strainers

'AR' type strainers and filters are self-cleaning intake strainers are for attachment to the suction hose of surface mounted pumps. They are made with a cage frame around which filter mesh is wrapped. These self-cleaning filters and strainers are very strong - the body being made up of two layers of steel - and are ideal where river and sea conditions are challenging.

RF-AR strainers are available in 600 mm, 800, mm, 1000 mm and 1100 mm diameters offering the broadest choice of flow rates and capacities. These tough all stainless-steel construction mechanical filters can deliver between 68 and 1,265 m3/hour, 300 - 5,570 US GPM.

Key Features

- ✓ **Protects Pumps and Equipment from Blocking**
- ✓ **All 316 Stainless Steel Construction**
- ✓ **High volume, low maintenance screens**
- ✓ **Wild life friendly and regulation compliant**



RF-AR Model	Max Flow Rate 2 mm mesh	Backwash @ 0.5 bar	Standard Outlet Connection	Backwash Connection	Height	Diameter	Weight
RF600-200AR	125 m3/hr	9 m3/hr	DN150 PN16	2" BSP	520 mm	615 mm	60 kg
RF600-300AR	188 m3/hr	13.5 m3/hr	DN150 PN16	2" BSP	640 mm	615 mm	70 kg
RF600-400AR	250 m3/hr	18 m3/hr	DN150 PN16	2" BSP	760 mm	615 mm	80 kg
RF600-500AR	313 m3/hr	22.5 m3/hr	DN150 PN16	2" BSP	900 mm	615 mm	90 kg
RF600-600AR	376 m3/hr	27 m3/hr	DN150 PN16	3" BSP	1020 mm	615 mm	105 kg
RF800-200AR	174 m3/hr	9 m3/hr	DN400 PN16	3" BSP	576 mm	850 mm	160 kg
RF800-300AR	261 m3/hr	13.5 m3/hr	DN400 PN16	3" BSP	696 mm	850 mm	165 kg
RF800-400AR	347 m3/hr	18 m3/hr	DN400 PN16	3" BSP	816 mm	850 mm	171 kg
RF800-500AR	434 m3/hr	22.5 m3/hr	DN400 PN16	3" BSP	936 mm	850 mm	177 kg
RF800-600AR	521 m3/hr	27 m3/hr	DN400 PN16	3" BSP	1056 mm	850 mm	185 kg
RF800-700AR	608 m3/hr	31.5 m3/hr	DN400 PN16	3" BSP	1176 mm	850 mm	190 kg
RF800-800AR	694 m3/hr	36 m3/hr	DN400 PN16	3" BSP	1296 mm	850 mm	200 kg
RF800-900AR	782 m3/hr	40.5 m3/hr	DN400 PN16	3" BSP	1416 mm	850 mm	208 kg
RF800-1000AR	870 m3/hr	45 m3/hr	DN400 PN16	3" BSP	1536 mm	850 mm	215 kg

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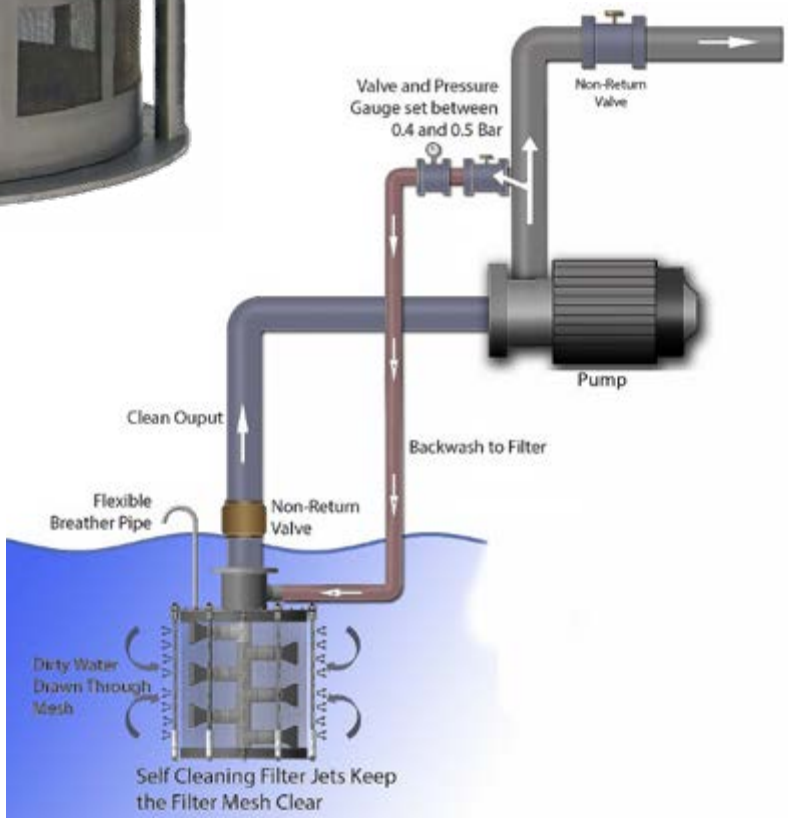


RF-AR Model	Max Flow Rate 2 mm mesh	Backwash @ 0.5 bar	Standard Outlet Connection	Backwash Connection	Height	Diameter	Weight
RF1100-200AR	239 m3/h	9 m3/h	DN400 PN16	3" BSP	575 mm	1150 mm	238 kg
RF1100-300AR	358 m3/h	13.5 m3/h	DN400 PN16	3" BSP	695 mm	1150 mm	248 kg
RF1100-400AR	478 m3/h	18 m3/h	DN400 PN16	3" BSP	815 mm	1150 mm	258 kg
RF1100-500AR	597 m3/h	22.5 m3/h	DN400 PN16	3" BSP	935 mm	1150 mm	268 kg
RF1100-600AR	717 m3/h	27 m3/h	DN400 PN16	3" BSP	1055 mm	1150 mm	278 kg
RF1100-700AR	836 m3/h	31.5 m3/h	DN400 PN16	3" BSP	1175 mm	1150 mm	288 kg
RF1100-800AR	955 m3/h	36 m3/h	DN400 PN16	3" BSP	1295 mm	1150 mm	298 kg
RF1100-900AR	1075 m3/h	40.5 m3/h	DN400 PN16	3" BSP	1415 mm	1150 mm	308 kg
RF1100-1000AR	1194 m3/h	45 m3/h	DN400 PN16	3" BSP	1535 mm	1150 mm	318 kg
RF1100-1100AR	1314 m3/h	49.5 m3/h	DN400 PN16	3" BSP	1655 mm	1150 mm	328 kg

RF-LW Self-Cleaning Strainers

SELF CLEANING INTAKE FILTERS & STRAINERS

RF-LW Self-Cleaning Suction Intake Strainers & Eel Screens

Self-cleaning Industrial Water Strainers and Eel Screens. 'LW' type strainers and Eel Screens are self-cleaning intake strainers are for attachment to the suction hose of surface mounted pumps or for use as a gravity fed intake. They have a high open area because filter mesh is under tension and forms the strainer body, dispensing with the need for a supporting cage.

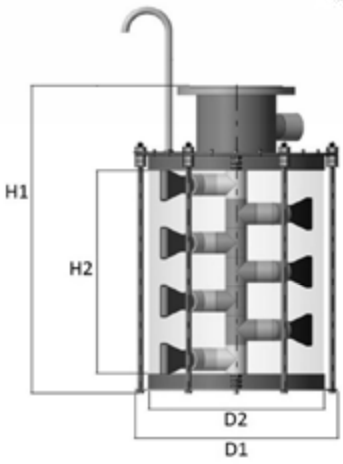
These self-cleaning filters and strainers maximise open area for the size of screen and are ideal as raw water intakes and for eel and fish screening.

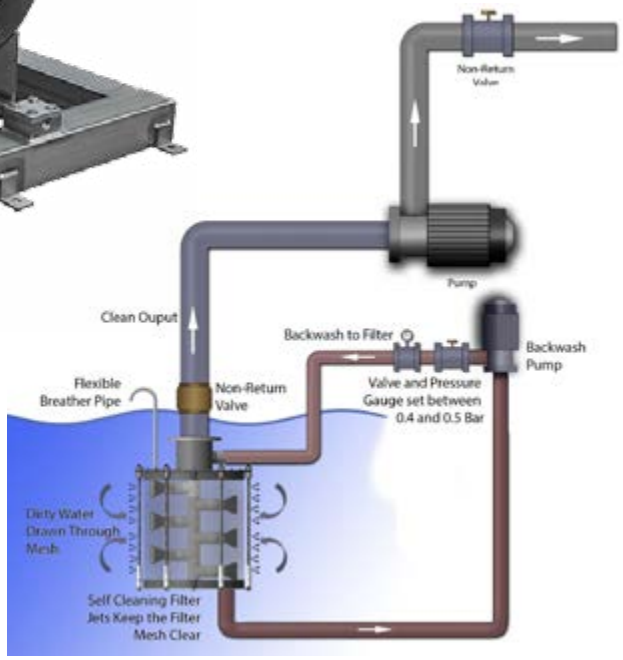
RF-LW strainers are available in 600 mm, 800, mm, 1000 mm and 1100 mm diameters offering the broadest choice of flow rates and capacities. These robust all stainless-steel construction mechanical filters can deliver between 122 and 1,642 m3/hour, 537 - 7,230 US GPM.

Key Features

- ✓ **High volume, low maintenance screens**
- ✓ **Meets EPA and EA rules for fish and eel protection**
- ✓ **Option for marine grade Stainless Steel**
- ✓ **Optional differential pressure switch**

RF-LW Model	Max Flow Rate 2 mm woven mesh	Backwash @ 0.5 bar	Standard Outlet Connection	Backwash Connection	Height	Diameter	Weight
RF600-200LW	160 m3/h	9 m3/h	DN200 PN16	3" BSP	555 mm	750 mm	110 kg
RF600-300LW	240 m3/h	13.5 m3/h	DN200 PN16	3" BSP	655 mm	750 mm	115 kg
RF600-400LW	320 m3/h	18 m3/h	DN200 PN16	3" BSP	755 mm	750 mm	120 kg
RF600-500LW	400 m3/h	22.5 m3/h	DN200 PN16	3" BSP	855 mm	750 mm	125 kg
RF600-600LW	480 m3/h	27 m3/h	DN200 PN16	3" BSP	995 mm	750 mm	130 kg
RF600-700LW	570 m3/h	31.5 m3/h	DN200 PN16	3" BSP	1055 mm	750 mm	135 kg
RF600-800LW	650 m3/h	36 m3/h	DN200 PN16	3" BSP	1155 mm	750 mm	140 kg
RF600-900LW	730 m3/h	40.5 m3/h	DN200 PN16	3" BSP	1255 mm	750 mm	145 kg
RF800-200LW	217 m3/h	9 m3/h	DN250 PN16	3" BSP	555 mm	950 mm	175 kg
RF800-300LW	325 m3/h	13.5 m3/h	DN250 PN16	3" BSP	675 mm	950 mm	181 kg
RF800-400LW	434 m3/h	18 m3/h	DN250 PN16	3" BSP	775 mm	950 mm	187 kg
RF800-500LW	542 m3/h	22.5 m3/h	DN250 PN16	3" BSP	885 mm	950 mm	193 kg
RF800-600LW	651 m3/h	27 m3/h	DN250 PN16	3" BSP	995 mm	950 mm	199 kg
RF800-700LW	760 m3/h	31.5 m3/h	DN250 PN16	3" BSP	1075 mm	950 mm	205 kg
RF800-800LW	868 m3/h	36 m3/h	DN250 PN16	3" BSP	1175 mm	950 mm	211 kg
RF800-900LW	977 m3/h	40.5 m3/h	DN250 PN16	3" BSP	1275 mm	950 mm	217 kg
RF800-1000LW	1085 m3/h	45.5 m3/h	DN250 PN16	3" BSP	1375 mm	950 mm	224 kg

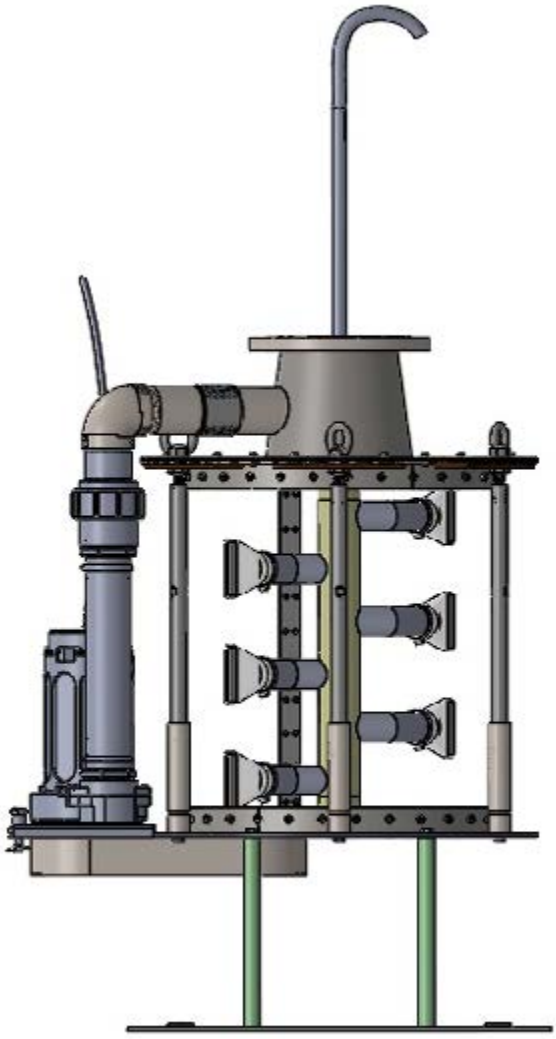




RF-LW Model	Max Flow Rate 2 mm woven mesh	Backwash @ 0.5 bar	Standard Outlet Connection	Backwash Connection	Height	Diameter	Weight
RF1000-200LW	271 m3/h	9 m3/h	DN400 PN16	3" BSP	565 mm	1150 mm	225 kg
RF1000-300LW	407 m3/h	13.5 m3/h	DN400 PN16	3" BSP	665 mm	1150 mm	231 kg
RF1000-400LW	543 m3/h	18 m3/h	DN400 PN16	3" BSP	765 mm	1150 mm	237 kg
RF1000-500LW	679 m3/h	22.5 m3/h	DN400 PN16	3" BSP	865 mm	1150 mm	243 kg
RF1000-600LW	814 m3/h	27 m3/h	DN400 PN16	3" BSP	965 mm	1150 mm	249 kg
RF1000-700LW	950 m3/h	31.5 m3/h	DN400 PN16	3" BSP	1065 mm	1150 mm	256 kg
RF1000-800LW	1085 m3/h	36 m3/h	DN400 PN16	3" BSP	1165 mm	1150 mm	263 kg
RF1000-900LW	1221 m3/h	40.5 m3/h	DN400 PN16	3" BSP	1265 mm	1150 mm	270 kg
RF1000-1000LW	1357 m3/h	45 m3/h	DN400 PN16	3" BSP	1365 mm	1150 mm	277 kg
RF1100-200LW	299 m3/h	9 m3/h	DN400 PN16	3" BSP	695 mm	1250 mm	302 kg
RF1100-300LW	448 m3/h	13.5 m3/h	DN400 PN16	3" BSP	795 mm	1250 mm	309 kg
RF1100-400LW	597 m3/h	18 m3/h	DN400 PN16	3" BSP	895 mm	1250 mm	316 kg
RF1100-500LW	746 m3/h	22.5 m3/h	DN400 PN16	3" BSP	1005 mm	1250 mm	323 kg
RF1100-600LW	896 m3/h	27 m3/h	DN400 PN16	3" BSP	1115 mm	1250 mm	330 kg
RF1100-700LW	1045 m3/h	31.5 m3/h	DN400 PN16	3" BSP	1195 mm	1250 mm	337 kg
RF1100-800LW	1194 m3/h	36 m3/h	DN400 PN16	3" BSP	1295 mm	1250 mm	344 kg
RF1100-900LW	1344 m3/h	40.5 m3/h	DN400 PN16	3" BSP	1395 mm	1250 mm	351 kg
RF1100-1000LW	1493 m3/h	45 m3/h	DN400 PN16	3" BSP	1495 mm	1250 mm	358 kg
RF1100-1100LW	1642 m3/h	49.5 m3/h	DN400 PN16	3" BSP	1595 mm	1250 mm	365 kg

RF-E Self-powered Backwash Filters

SELF CLEANING INTAKE FILTERS & STRAINERS



Filters & Screens with Backwash Pumps

Rotorflush standard self-cleaning suction intake filters and screens are designed for use with surface mounted pumps. The screens self-clean using a small amount of the surface mounted pump output as backwash water to keep the intake mesh clear.

The screens require a constant fixed rate backwash whenever water is being pumped or drawn through the intake. For some applications it is not always possible to use the main pump as a source of backwash water.

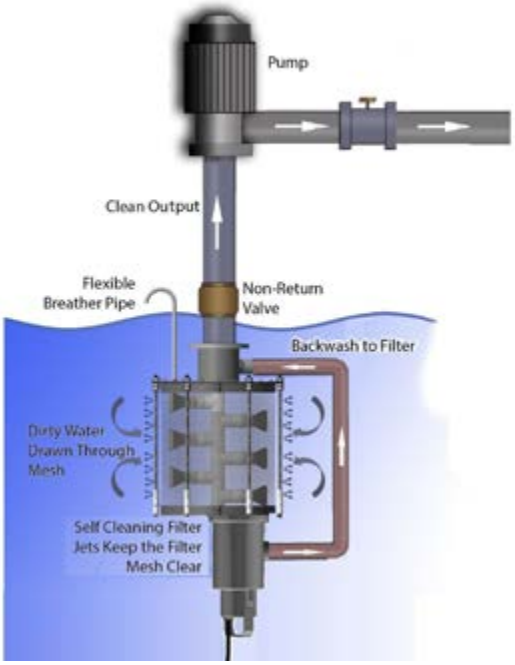
For example, water may be being drawn through the intake using a variable speed pump, in which case the backwash supplied by the pump would not be a constant fixed rate flow. Or the flow through the screen may be by gravity only.

The necessary backwash can then be supplied by a built-in submersible backwash pump. This allows you to vary the output of your pump without affecting the performance of the backwash in the filter, and provides a source of backwash water where the flow through the screen is by gravity.

This adaption is available for any Rotorflush self-cleaning suction intake screen or filter with a diameter of 200 mm or more.

Key Features

- ✓ **Efficient, low maintenance water screening**
- ✓ **Backwash is separate from intake flow**
- ✓ **Stainless steel industrial suction intakes**



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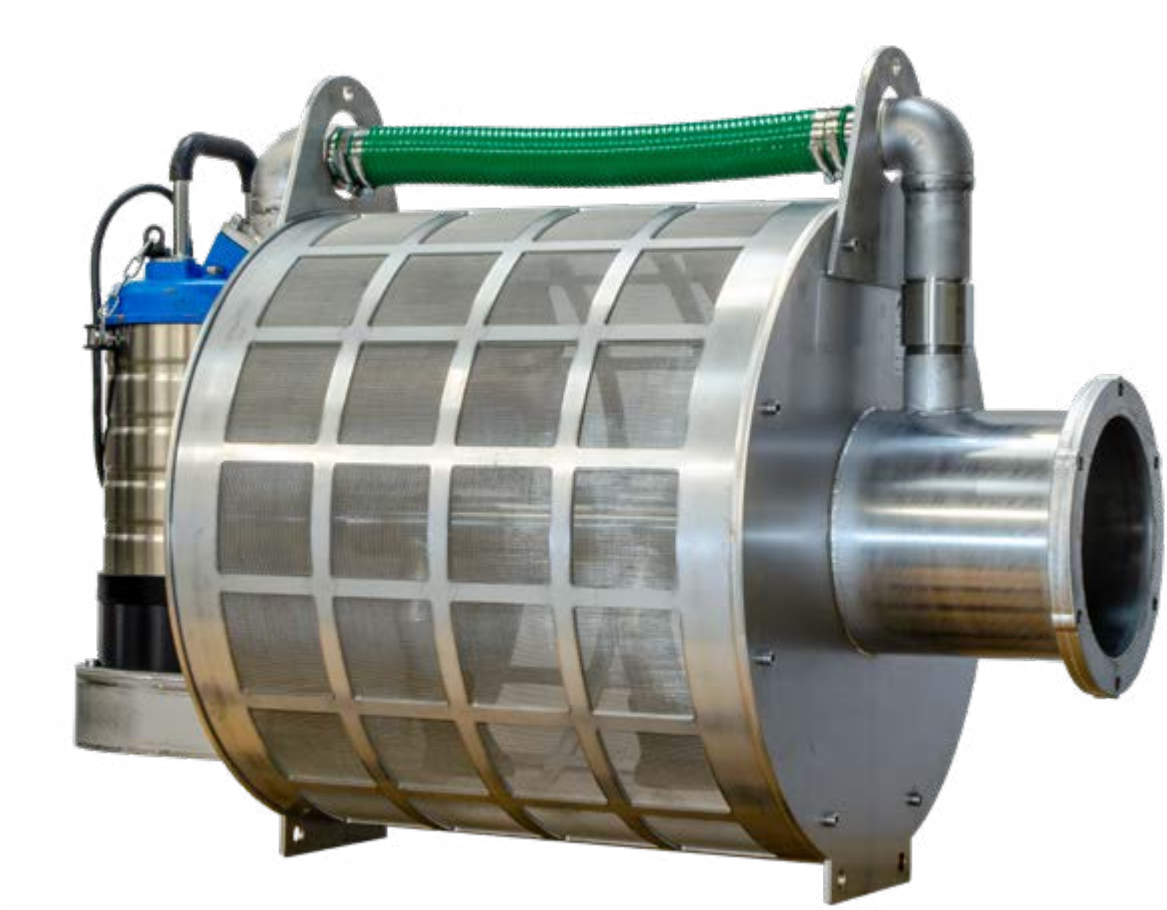
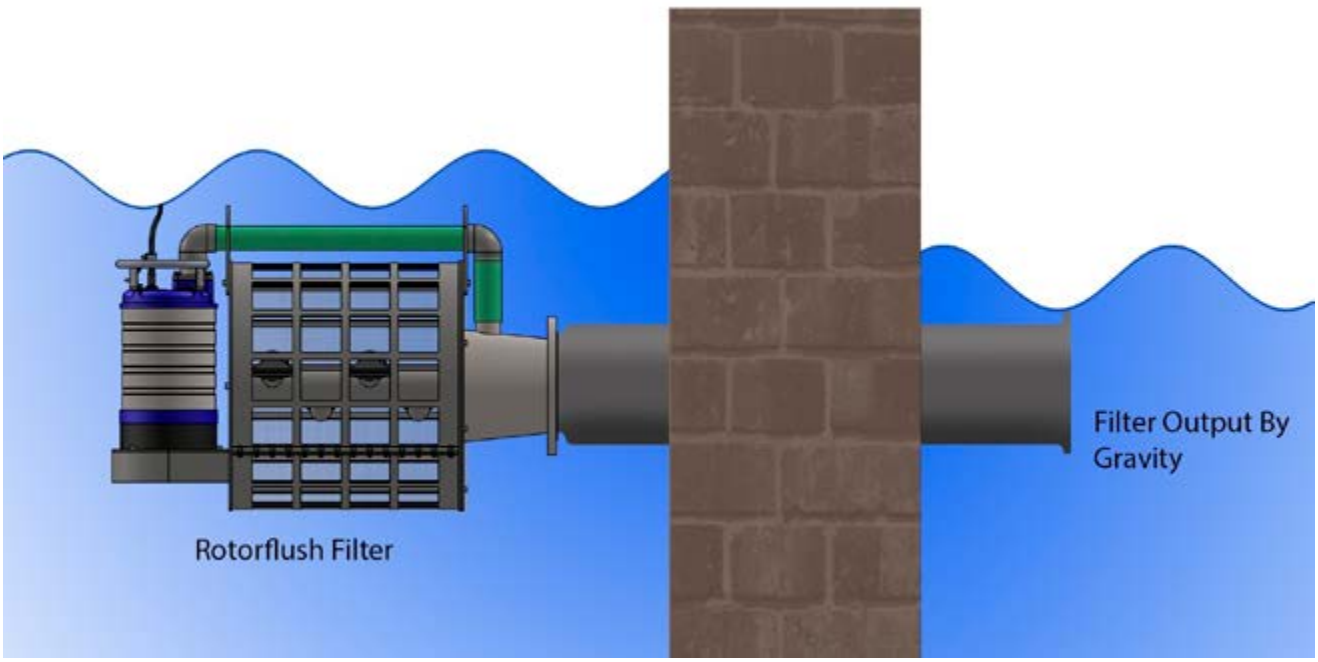




Please Note: Our filters are designed for use in dirty water or liquids with a viscosity close to that of water. Our filters and filterpumps are **NOT** suitable for use in raw sewage or any other dirty water which contains oils or fat

Custom Built Filters and Strainers

Rotorflush Filters Ltd can design or customise our screens and filters to meet specific customer requirements. Our 'LW' ranges of self-cleaning filters and strainers maximise open area for the size of screen, and our 'AR' ranges are ideal for heavy industrial use.

Our standard sizes are available in 600 mm, 800, mm, 1000 mm and 1100 mm diameter screens with a height to meet your required flow rate offering the broadest choice of flow rates and capacities. These robust all stainless-steel construction mechanical filters can deliver between 122 and 1,642 m3/hour, 537 - 7,230 US GPM.

Our standard filters and screens have a core design around which we can vary:

- **Outlet size**
- **Filter height**
- **Grade of steel**
- **Filter diameter**
- **Mesh size**

Or we can design and build a wholly custom intake filter, and we can incorporate extras to assist in using and lifting our strainers

Our Custom self-cleaning water intakes feature

✓ **All stainless steel construction throughout**

✓ **Flow rates as required up to 2500 m3 / hr**

✓ **Design and build includes CFD and FEA analysis**

All our custom-built self-cleaning filters and strainers can be made Eel Friendly to meet current EU and UK regulations for Eel Recovery and to meet EPA Rule 316(b) intake velocities for the protection of marine and aquatic life.

FILTERS
FOR ANALYSERS

Rotorflush Filters Ltd supplies self-cleaning filtration products specifically developed for water monitoring instruments and online analysers.

The Rotorflush Filter System for Analysers filters to 60 microns from a constant head. The output flow is not interrupted and the intake filter self-cleans to prevent blocking.

The system is particularly useful for systems using dosing pumps and where there is a need to continuously monitor water quality. The self-cleaning filter keeps the filter mesh clear to deliver low maintenance sampling and filtration.

We also supply submersible sample pumps with built-in self-cleaning intakes for use directly in your water supply.

Both products are ideal for supplying filtered sample water for ammonia, chlorine and phosphate analysis.

RF100AN-Q Analyser Filter System

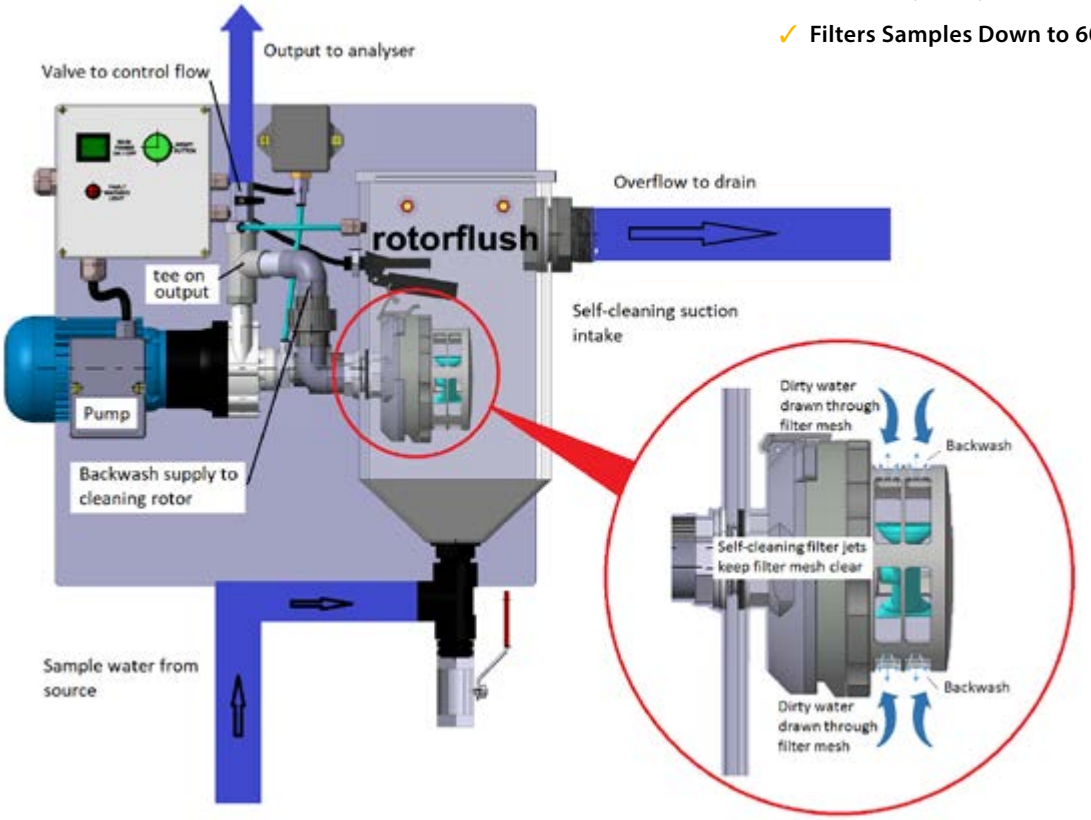
FILTERS FOR ANALYSERS

RF100AN-Q Self-Cleaning Filter System for Analysers

Designed to provide filtered sample water for analysers and dosing pump systems. The system incorporates a Rotorflush self-cleaning filter, to protect equipment and ensure low maintenance sampling and monitoring. It is excellent for filtering difficult samples contaminated with suspended solids for supply to chlorine, ammonia and other analysers.

Our Analyser Filter System features

- ✓ **Board Mounted for Ease of Installation**
- ✓ **16 L/Min Maximum Output**
- ✓ **ABS & Polypropylene Self-cleaning Filter Head**
- ✓ **Filters Samples Down to 60 Microns**



RF100AN-Q Model	Voltage	Power	Full Load Current	Output Max	Float Switch	Available Mesh Sizes	Board Height x Width	Full Height x Width (Excluding APV)	Weight (Standard/APV)
230 V 50 Hz	230 V Single Phase	0.25 kW	2.1 A	16 L/min	Yes	60, 115 or 250 micron Nylon	500 x 500 mm	646 x 614 mm	23/27 kg
110 V 50 Hz	110 V Single Phase	0.28 kW	4.2 A	16 L/min	Yes	60, 115 or 250 micron Nylon	500 x 500 mm	646 x 614 mm	23/27 kg
115 V 60 Hz	115 V Single Phase		4.2 A	4 US GPM	Yes	60, 115 or 250 micron Nylon	500 x 500 mm	646 x 614 mm	23/27 kg

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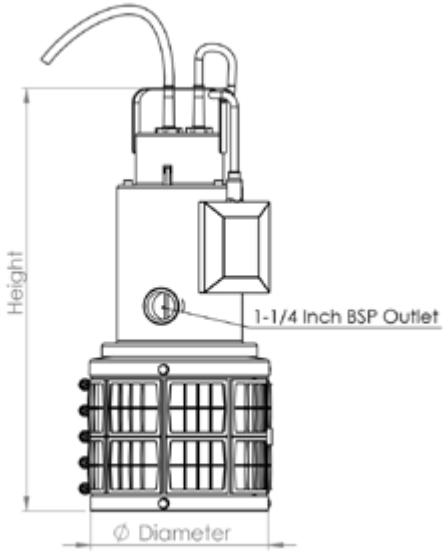
Filterpumps for Sampling

FILTERS FOR ANALYSERS

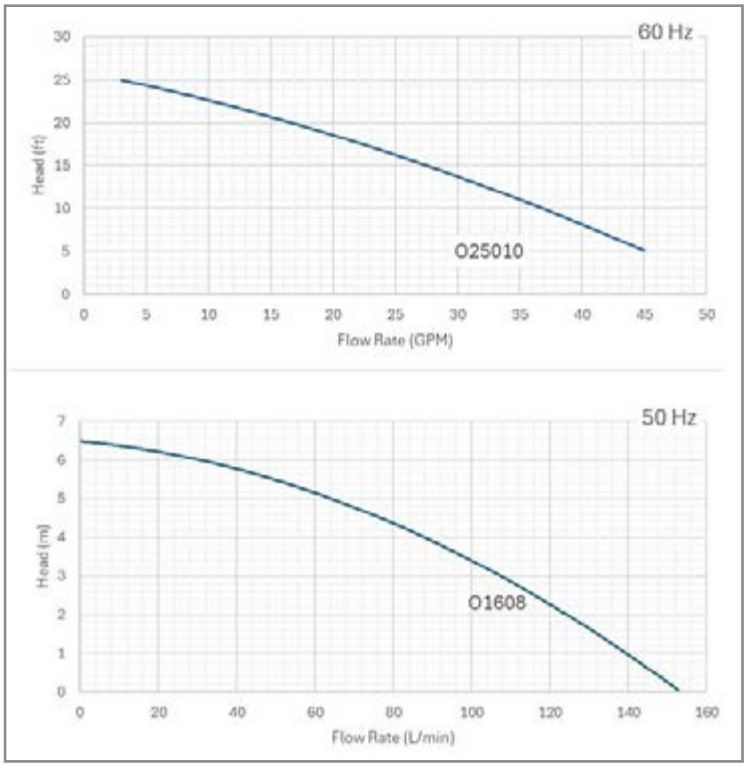


Self-Cleaning Filterpump

The O1608-16 sample pump is a low head submersible filterpump with an integral self-cleaning filter for use with on-line analysers and dosing systems. It delivers a filtered output of water which prevents blockage to nozzles, valves and solenoids. Sample water can be screened to 60 microns and pumped simultaneously.

Our self-cleaning sample filterpump features

- ✓ **Removal of suspended solids down to 50 microns**
- ✓ **Up to 150 litres per minute maximum flow**
- ✓ **EA Eel Regulation and EPA Rule 316(b) compliant**



Omnia Model	Voltage	Power	Amps	Flow Rate Max	Head Max	Cable Length	Float Switch	Height	Overall Diameter	Weight
O1608	230 V Single Phase	0.4 kW	2.4 A	150 L/min	7 m	10 m	Optional	453 mm	220 mm	9.5 kg
O25010 60hz	115 V Single Phase	0.55 kW	8 A	225 L/min	11 m	10 m	Included	491 mm	220 mm	10 kg

All models have a single phase motor, 1¼" outlet, and 10 meter power cable.. Available stainless steel mesh sizes – 50, 100 or 315 micron aperture and 1, 2 or 3 mm aperture.

LIQUID SOLIDS SEPARATOR SYSTEM

The Rotorflush GT200 Liquid Solids Separator provides an easy way to remove and dispose of particulate and solids when moving contaminated water.

As water flows by gravity or is pumped into the GT200 liquid solids separator, the separator simultaneously filters out debris and pumps filtered water onwards.

The particulate left behind accumulates at the base of the tank until it is ejected. A purge valve at the base of the unit can be manually operated as required, or automatically operated by timer.

The separator tank contains a submersible pump with a built-in self-cleaning intake that can filter down to 50 microns.

An optional Solid Waste Handling add-on is available - contact us for more information

THE ROTORFLUSH LIQUID SOLIDS SEPARATOR SYSTEM IS IDEAL FOR:

- CLEANING OUT TANKS
- CLEANING WATER FOR RE-USE WHEN PRESSURE WASHING
- WASTE WATER RECOVERY AND MANAGEMENT
- PRE-FILTRATION AHEAD OF FINE AND ULTRA-FINE FILTRATION

Pumping water and screening water are combined in one powerful, low maintenance, easy to install separation tank, allowing for near continuous liquid solids separation.

GT200 Liquid Solids Separator

LIQUID SOLIDS SEPARATOR

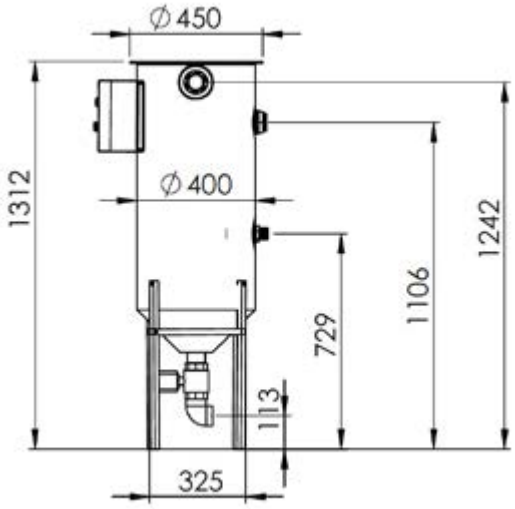
Rotorflush GT200 Liquid Solids Separator System

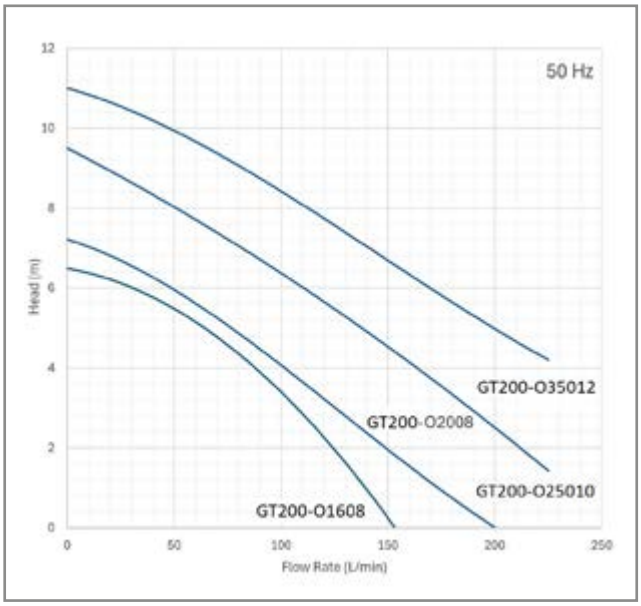
The Rotorflush GT200 Liquid Solids Separator provides an easy way to remove and dispose of particulate and solids when moving contaminated water.

As water flows by gravity or is pumped into the GT200 liquid solids separator, the separator simultaneously filters out debris and pumps filtered water onwards. Debris and particulate left behind is purged from an outlet below the separator as required, either manually or automatically on a timer.

Key Features

- ✓ **Liquid Solids Separation**
- ✓ **Driven by the Award Winning Rotorflush Filterpump**
- ✓ **Tough MDPE construction Filters**
- ✓ **Screen up to 220 l / minute down to 50 microns**





Separator Model	Voltage	Power	Amps	Outlet	Inlet	Purge	Flow Rate Max	Head Max	Cable Length	Weight
GT200-O1608	230 V Single Phase	0.4 kW	2.4 A	1.25 "	2"	2"	150 L/min	7 m	10 m	29.5 kg
GT200-O25010	230 V Single Phase	0.55 kW	4.5 A	1.25 "	2"	2"	225 L/min	10 m	10 m	30 kg
GT200-O35012	230 V Single Phase	0.8 kW	5.1 A	1.25 "	2"	2"	225 L/min	11 m	10 m	31.5 kg
GT200-O2008	110 V Single Phase	0.55 kW	3.2 A	1.25 "	2"	2"	200 L/min	8 m	10 m	30 kg

There is an option to fit an Automatic Purge Valve and Timer if required

Nastec Control Panels for FilterPumps

Rotorflush recommends the use of Nastec control panels for submersible filterpumps and surface mounted pumps using Rotorflush self-cleaning strainers and filters for their intake filtration. Nastec control panels incorporate a motor load monitor which shuts the pump down if the filter mesh becomes blinded, preventing motor burn out.

The panels have a digital display and keypad for setting up control parameters and showing faults. The body is constructed entirely of aluminium, making PILOT extremely solid and easily cooled. The IP55 protection makes it possible to install PILOT even in humid and dusty environments.

We strongly advise that Nastec control panels are used with all our 3 phase pumps and the Nauti N9416, N9516 and N9616 single phase pumps. Our other single phase pumps have built in thermistors that help protect the motor in the event of dry running.

These panels can be used to control float switches and other equipment used in conjunction with our filterpumps; they also allow for fault signals to be sent for remote monitoring of equipment.

Specification

Model No.	Voltage [+/- 10%] 50/60 Hz	Max current	Weight [kg]
PILOT 118*	1 X 230 VAC	18 A	2
PILOT 325	3 X 400 VAC	25 A	2.4
PILOT 330	3 X 400 VAC	30 A	2.4
All Models			
Max. ambient temperature: 40°C (104 °F)			
Max. altitude : 2000m			
Protection grade: IP55 (NEMA 4)			

* single phase models do not include capacitor (available upon request)

Control Panels for Rotorflush Filterpumps

Nastec Pilot 118 Control Panel single phase

Nastec Pilot 325 Control Panel 3 phase

Nastec Pilot 330 Control Panel three phase

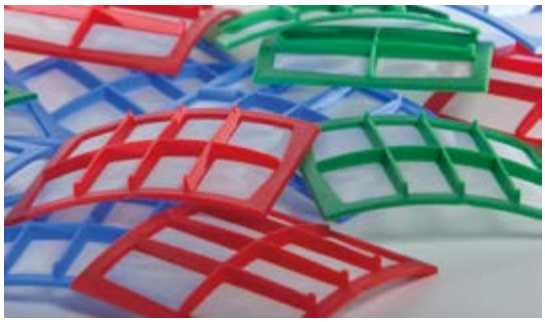
Spare Nylon Filter Mesh

Customers require sets of filter mesh inserts periodically for filter maintenance.

We recommend regular replacement of filters fitted with nylon mesh with spare nylon filter mesh inserts.

Instead of a continuous nylon mesh, our filters use nylon filter mesh inserts - a set of 16 inserts replaces the mesh on our standard filters. Inserts are easy to insert and replace, and are available in 60, 115 and 300 micron mesh sizes. This makes for very easy maintenance.

We supply spare nylon filter mesh sets for our submersible pumps with integral self-cleaning filters, and for our smaller fine meshed self-cleaning strainers.



Spare Mesh for Rotorflush Filterpumps and Strainers

Set of 16 Nylon Filter Inserts 60 / 115 / 300 micron aperture

Filter Cage for RF100 – 60, 115, 250 micron nylon

STANDS AND GUIDE RAILS

Stands and Guide Rails

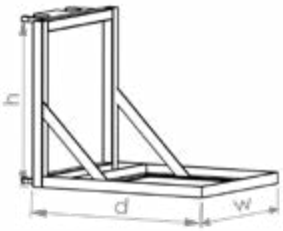
Rotorflush make a range of stands, guide rails and lifting platforms. Allowing for easy installation and removal for maintenance. Many of our stands and guide rails are custom built to suit your requirements.

Stands and Guide Rails

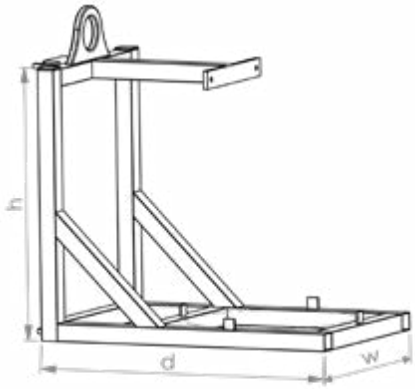
- Enable secure installation
- Make maintenance easy
- Are robust all steel construction

Guide Rails and Lifting Platforms

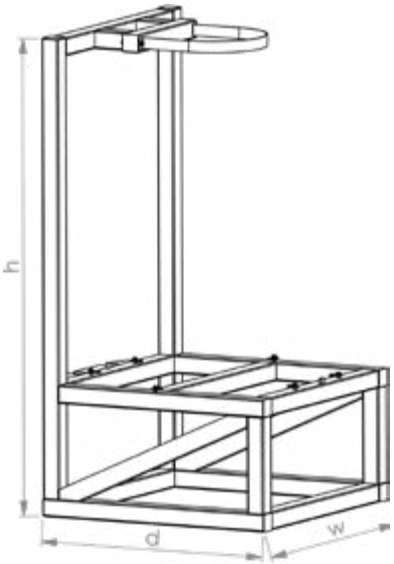
Pair a Rotorflush lifting platform with a guiderail to make installation and removal of filters and filterpumps easy. The rails are designed to be bolted to a wall or similar structure and are supplied in 1 m sections.



LP200 & LP300
General Assembly



LP400 & LP600
General Assembly

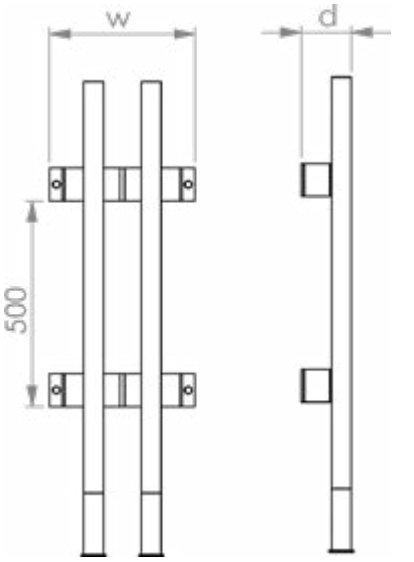


LP800 & LP1000
General Assembly

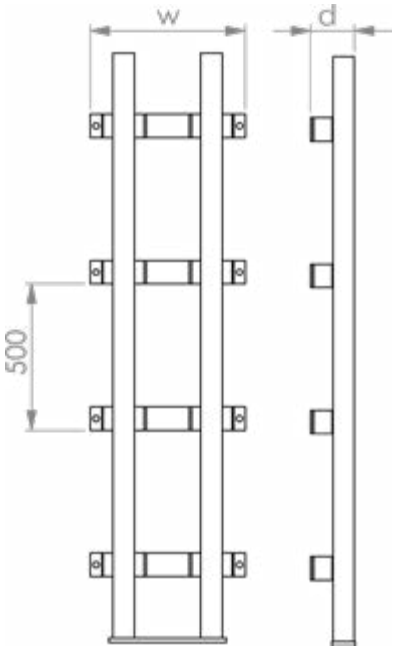
Platform Model	Suitable For	Size (mm) (h x w x d)	Weight
LP 200	Filters and Filterpumps	320 x 230 x 325	7 kg
LP 300	Filters and Filterpumps	370 x 335 x 430	10 kg
LP 400	Filters and Filterpumps	600 x 440 x 690	15 kg
LP 600	Filters and Filterpumps	850 x 720 x 910	30 kg
LP 800	Filterpumps	1835 x 945 x 910	120 kg
LP 1000	Filterpumps	2120 x 1145 x 2125	150 kg

Guide Rail Model	GR-Light	GR-Heavy
Suitable For	LP200, LP300,LP400 and LP600	LP800 and LP1000
Size (mm) (w x d)	353 x 120	530 x 145
Bolt hole centres	320 mm	490 mm
Wall bracket spacing	500 mm	500 mm
Weight per metre	11 kg	19 kg

www.**rotorflush.com** Tel: **+44 (0)1297 560229** Email: **sales@rotorflush.com**



Light Duty Guide Rail in 1 m Configuration



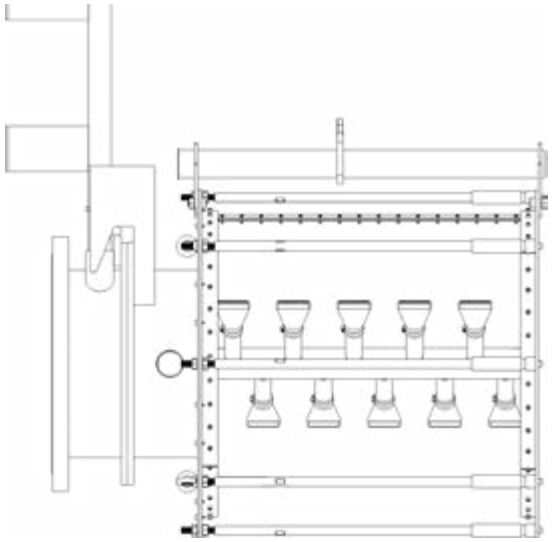
Heavy Duty Guide Rail in 2 m Configuration

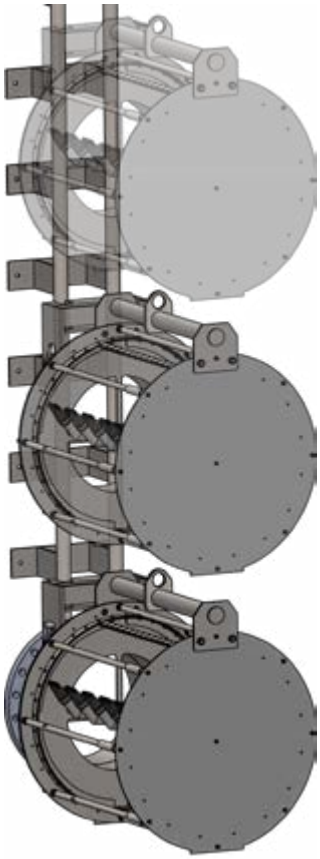
Nauti Filterpump on 2 m Guide Rail

Quick Release Guide Rail System

Our quick release guide rail system for large filters is designed to enable large filters to be sited and removed without the need for personnel to unbolt flanged connections.

This makes removal for routine maintenance incredibly quick and easy. The system is ideal for gravity fed and pumped systems. Available for pipe sizes DN400 to DN600.





Pipe Friction Loss

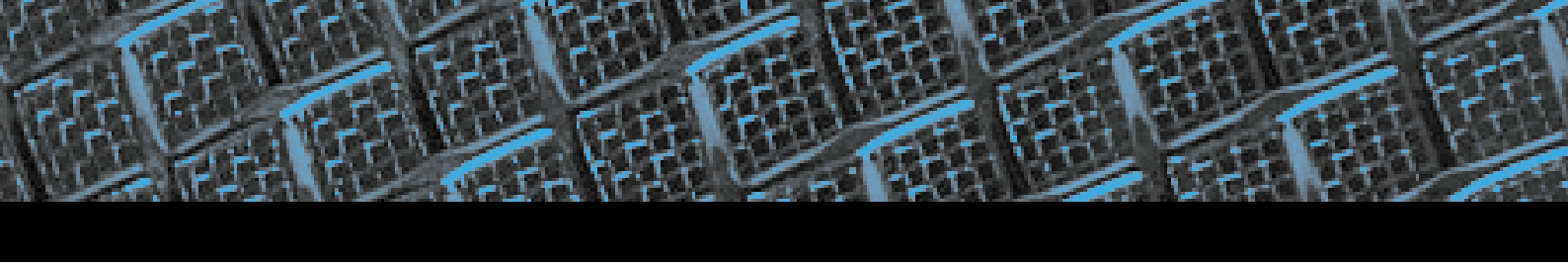
There are many factors that can affect pipe friction loss. The most significant is the diameter and length of the pipe, but other factors such as the turbulence of the flow, the roughness of the pipe (often increasing with the age of the pipe) and any additional bends, joins or equipment such as valves can increase the head loss you may need to account for.

Pipe Friction Loss Table – PVC and Polyethylene Circular Pipes

Friction Loss is given in Bar / Metres Head

Flow Rate Litres / min	PIPE SIZE – Inches Internal, Diameter											
	½	¾	1	1¼	1½	2	2½	3	3½	4	5	6
30	70	16.5	5.3	1.4	0.7	0.2	-	-	-	-	-	-
40	-	28	9	2.3	1.2	0.3	-	-	-	-	-	-
50	-	42	13	3.5	1.8	0.5	0.15	-	-	-	-	-
60	-	58	18	5	3	0.7	0.2	-	-	-	-	-
70	-	76	24	6.5	3	0.9	0.2	0.1	-	-	-	-
80	-	-	30	8	4	1.2	0.3	0.16	-	-	-	-
90	-	-	38	9	5	1.5	0.45	0.23	-	-	-	-
100	-	-	46	11	6	2	0.5	0.2	0.12	-	-	-
125	-	-	70	17	9	3	0.8	0.3	0.18	0.1	-	-
150	-	-	-	25	12	4	1.2	0.5	0.2	0.14	-	-
175	-	-	-	33	16	6	1.5	0.6	0.33	0.18	-	-
200	-	-	-	42	21	7	2	1	0.4	0.2	0.08	-
250	-	-	-	64	32	10	2.8	1.2	0.6	0.3	0.12	-
300	-	-	-	-	45	14	4	2	1	0.45	0.17	-
400	-	-	-	-	78	24	6.8	3	1.5	0.8	0.2	0.12
500	-	-	-	-	-	36	11	5	3	1.5	0.5	0.17

The table below is an **indicative guide only**. If you have a long pipe run or if pressure loss is critical to your installation please contact Rotorflush Filters ltd to discuss this in more detail.



Maximum Cable Lengths for Submersible Pumps

Cable sizing is an important consideration when installing pumps. This is especially true for electric submersible pumps where the location may often be a significant distance from the power supply.

Voltage drop increases with distance and most electric submersible pumps will not run efficiently if the voltage drop exceeds approx 5% of the rated voltage for the pump motor. Single phase pumps are particularly vulnerable to voltage drop as this can shorten the life of pump motor capacitors.

The Cable Chart below is an **indicative guide only**. If you have a long cable run or if you are uncertain about the type of cable your installation needs then please contact Rotorflush Filters Ltd to discuss this in more detail.

Recommended Cable Size for Pumps (based on 4 core cable)

Motor (kW)	Maximum Length of Cable in metres					
240v	1.5mm	2.5mm	4mm	6mm	10mm	16mm
0.37	80	130	230	350	580	1000
0.55	55	90	140	200	350	700
0.75	40	65	105	160	300	500
1.1	30	50	75	115	190	400
1.5	25	35	60	90	145	230
2.2	-	3	50	70	120	185
415v	1.5mm	2.5mm	4mm	6mm	10mm	16mm
0.37	400	500	600	850	1000	1300
0.55	315	430	600	700	900	1200
0.75	240	350	500	650	750	1000
1.1	180	285	350	450	600	900
1.5	135	225	360	470	600	900
2.2	100	165	255	390	450	700
3.0	65	110	180	255	420	560
4.0	50	85	135	195	330	500
5.5	40	70	110	165	270	390
7.5	30	55	90	130	220	495
9.2	-	52	84	126	210	337
11.0	-	-	70	106	176	282
13.0	-	-	60	90	149	239
15.0	-	-	-	78	130	208
18.5	-	-	-	-	105	170
22.0	-	-	-	-	89	139

Maximum volt drop allowed is 2.5% which is 6v @ 230v.
This table is indicative only please check with an electrician for your installation.

FREQUENTLY ASKED QUESTIONS

Frequently Asked Questions

To help find the right Rotorflush products for your application

Q **Can the filter system operate non-stop 24/7?**

A All our filter systems are designed for continuous use in all conditions. This is what makes the Rotorflush range of industrial filters unique. We recommend the use of some form of dry run protection – float switches and electronic controls – to ensure that changing conditions do not affect the performance of the pumps.

Q **Will the filters cope with rubbish such as plastic bags?**

A The principal of the self-cleaning filter is a continuous cycle of blowing away material blocking the filter with a small amount of filtered liquid, in between drawing in large amounts of filtered liquid. If a large object such as a plastic bag was to be sucked onto the surface of the filter then this will normally be removed from the screen by the backwash jets.

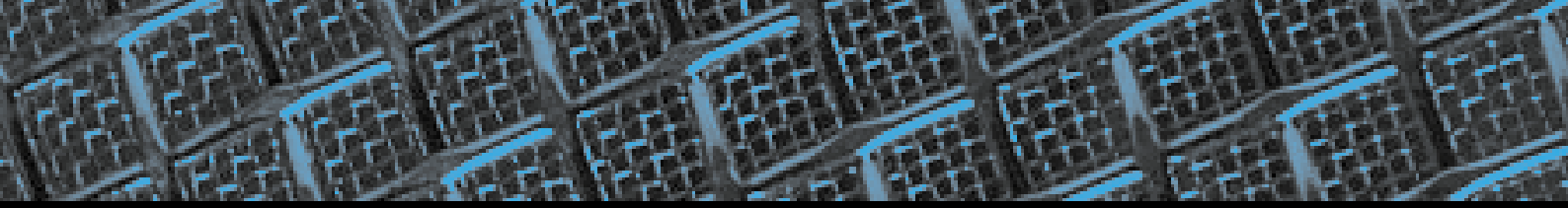
Q **Where does the solid matter go, that is filtered out?**

A The filters leave the solids in the water you are pumping from. Put another way the filters extract a filtered supply from the dirty water. We do have solutions if you wish to retain the solids that are filtered out ring us to discuss.

Q **Will the filters extract water from sludge?**

A No they won't. As a rule of thumb they work in water with some solids, not in solids with some water. The water to be filtered still has roughly the same viscosity as water. Once it becomes more viscous than water they are not suitable.

These are only a guide, **talking to us** is by far the best way to get the right Rotorflush for you!



Q Do you do one-offs or adapt your equipment for specific applications?

A Yes - we have worked with a number of companies to provide bespoke equipment to solve their filtration problemsthat changing conditions do not affect the performance of the pumps.

Q Are your products guaranteed?

A **Yes we give a 1 year guarantee on all industrial products.**

Q If the motor fails on a Filterpump do I have to buy a whole new pump?

A Normally we can repair it, which is much cheaper than buying a whole new pump.

Q Are Rotorflush products suitable for Seawater?

A **Our Filters for surface mounted pumps can be made with 316 grade stainless steel and fitted with galvanic anodes, and we offer some all 316 stainless steel corrosion resistant filterpumps. We cannot however warranty our products for seawater use.**

Q Do you export to overseas customers?

A Yes we often export.

Questions we might ask you

Q What is the application?

A Pumping what fluid from where to where?

Q Are there suspended solids in the fluid?

A If so, what type of solids, e.g sewage, sand, weed please specify.

Q What temperature is the fluid?

A Maximum and minimum temperature.

Q How finely do you need to filter?

A If not known, what equipment do you need to protect from suspended solids, e.g. valves and nozzles.

Q What is the aperture size of the nozzles?

A minimum aperture size in the system.

Q What flow rate do you need?

A e.g. litres/second, litres/minute, cubic metres/hour, gallons/minute etc.

Q What pressure do you require from the pump?

A e.g. pounds/square inch, bars etc.

Q Do you have an existing surface mounted pump?

A If so does it have any surplus capacity to power a self cleaning filter? (they normally use 15-25% of the pump's output).

Q Electricity Supply?

A If you need a submersible pump, do you want the motor to be single phase three phase, 230v or 110v, 50Hz or 60Hz?

Award Winning UK Engineering Company

Rotorflush Filters Limited is an Award Winning UK Engineering Company. We produce a unique range of self-cleaning pump intake filters, suction strainers and on-line analyser filter systems.

We produce standard and bespoke self cleaning filters and strainers for pump suction intakes. We also produce a range of submersible filter-pumps with built-in self-cleaning pump intake filters. All our products incorporate our patented and unique Rotorflush self-cleaning filter technology.

We help our customers manage their dirty water filtration problems. We help them to keep pumps unblocked, keep their fountains looking good and their irrigation equipment unblocked and running.

We help our customers comply with regulations for Eel and Fish protection and other water management issues.

We are experts in liquid / solids separation. We offer practical real world solutions to the problems customers face when pumping dirty water. We have advised and helped our many satisfied customers worldwide.

We are very happy to share our knowledge and expertise with you. Let us know your pumping and filtration issues.

Designed by coastline.agency

rotorflush
Self-Cleaning Filters

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