

Rotorflush Idrogo Range Self-cleaning Filterpumps

General Specifications

General Arrangements



*Above shows 4010-16M
Fitted with 115 micron
nylon mesh*



*Above shows 4006-16M
Fitted with 315 micron
Stainless Steel mesh*

Key Features

- Removes suspended solids down to 50 microns
- Pump and self-cleaning filter in one unit
- Ease of installation
- High reliability and easy to use
- Built-in thermal cutout (single phase only)
- 80 metre maximum head
- 120 litres per minute maximum flow
- Multi-stage pump
- Reduced capital, installation and maintenance costs

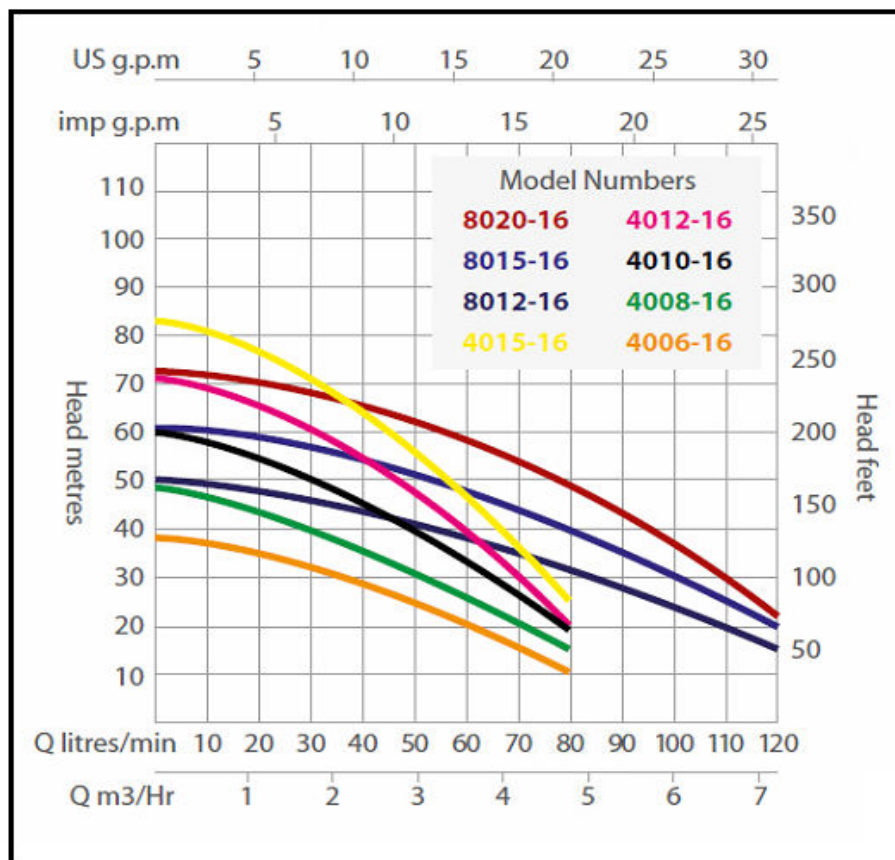
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Models and Specifications

Model	Volts	kW	Outlet	L / min Max	Head (metres) Max	Optional Float Switch
4006-16	230	0.45	1 1/4"	80	36	No
4008-16	230/415	0.6	1 1/4"	80	48	Yes
4010-16	230/415	0.75	1 1/4"	80	60	Yes
4012-16	230/415	0.9	1 1/4"	80	72	Yes
4015-16	230/415	1.1	1 1/4"	80	84	Yes
8012-16	230/415	0.9	1 1/4"	120	50	Yes
8015-16	230/415	1.1	1 1/4"	120	63	Yes
8020-16	415	1.5	1 1/4"	120	75	No

*These models in 230v (without float switch) / 415v are available with WRAS Approved pumps and cables



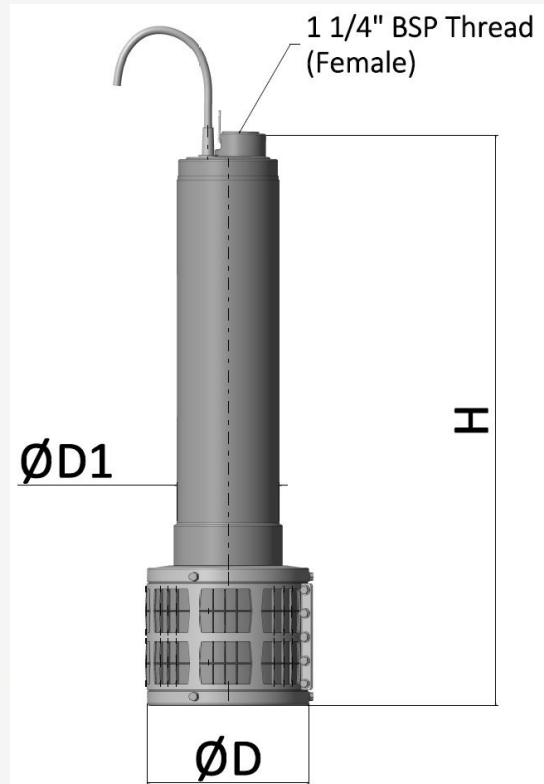
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Dimensions and Weights

Model	Height (mm) H	Filter Diameter (mm) D	Filter Pump Diameter D1	Minimum Water Level	Weight (kg)
4006-16	641	220	136	300	15
4008-16	641	220	136	300	17
4010-16	667	220	136	300	18
4012-16	718	220	136	300	19
4015-16	744	220	136	300	20
8012-16	668	220	136	300	18
8015-16	692	220	136	300	19
8020-16	718	220	136	300	20

*Dimensions and weights are approximate



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Self-cleaning Filterpump Construction

Filterpump Body	
Component	Construction
Body	AISI 304 (EN 1.4301)
Impeller	PPE + PS reinforced with fibreglass
Power Cable	20m H07 RN-F
Motor Shaft	AISI 431 (EN 1.4057)
Seal	(motor side) in Carbon/Ceramic/NBR (pump side) in SIC/Carbon/NBR

Self-cleaning Filter Construction	
Filter Screen Area	525cm ²
Standard Screen Sizes	60, 115 and 300 micron available
Filter mesh	Standard is nylon mesh in polypropylene insert, sintered stainless steel is also available
Impeller Extension Shaft	Acetal
Impeller	304 Stainless Steel
Rotor	Acetal
Rotor Bearings	Silicon Carbide / Acetal
Filter Cage	AISI 304