

## Idrogo Range

Our Idrogo Range submersible pumps have a maximum output of 120 litres per minute, maximum head 80 metres. They are a robust medium-head pump with an integral self-cleaning suction intake.

The Idrogo, like all Rotorflush submersible filterpumps, combines pumping and filtration in one easy to install 'plug and play' unit. It is ideal for pumping water contaminated with suspended solids. The intake filter prevents blockage to nozzles, valves and solenoids. The patented self-cleaning mechanism keeps the intake filter free from debris.

Typical uses for the Idrogos are filtering and pumping water from dirty lagoons lakes or rivers and filtering wash water for water treatment works.



## Key Features

- ✓ Removes suspended solids down to 60 microns
- ✓ Pump and self-cleaning filter in one unit
- ✓ Ease of installation
- ✓ Built-in thermistor (single phase only)
- ✓ High reliability and easy to use
- ✓ 80 metre maximum head
- ✓ 120 litres per minute maximum flow
- ✓ Multi-stage pump
- ✓ Reduced capital, installation and maintenance costs



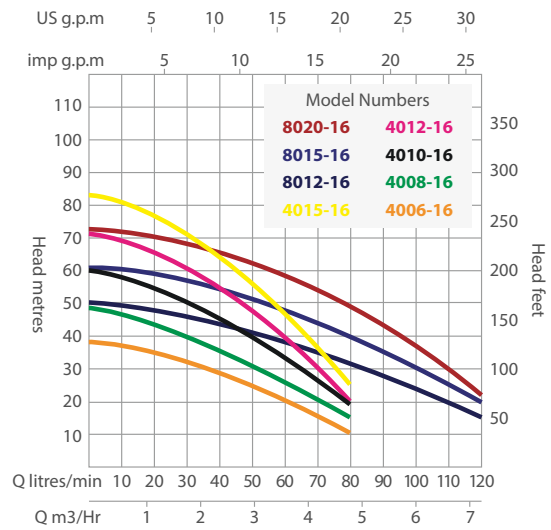
### Models & Specification

A self cleaning submersible pump filter is built into the Idrogo Range submersible pumps and cleans the filter mesh while the pump is working. The self cleaning intake can be fitted with a 60, 115 or 300 micron aperture self-cleaning filter screen.

The filter mesh is made up of strong bias-cut nylon mesh inserts for ease of maintenance.

The filter mesh inserts are inexpensive and easy to replace.

Stainless steel mesh is also available in 50, 100 and 315 microns.



Model	Volts	kW	Outlet	L/min Max	Head (metres) Max	Optional Float Switch
4006-16	240	0.45	1 1/4"	80	36	No
4008-16	240/415	0.6	1 1/4"	80	48	Yes
4010-16	240/415	0.75	1 1/4"	80	60	Yes
4012-16	240/415	0.9	1 1/4"	80	72	Yes
4015-16	240/415	1.1	1 1/4"	80	84	Yes
8012-16	240/415	0.9	1 1/4"	120	50	Yes
8015-16	240/415	1.1	1 1/4"	120	63	Yes
8020-16	415	1.5	1 1/4"	120	75	No

### Construction

Filter screen area	525cm <sup>2</sup>
Screen sizes standard	60, 115 and 300 micron available
Screen material	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

### Dimensions

	Model No.			
Dimensions	4006-16	4008-16	4010-16	4012-16
Height (mm)	583	583	609	660
Filter Diameter (mm)	220	220	220	220
Pump Diameter (mm)	136	136	136	136
Weight (Kg)	15	17	18	19

	Model No.			
Dimensions	4015-16	8012-16	8015-16	8020-16
Height (mm)	686	610	634	660
Filter Diameter (mm)	220	220	220	220
Pump Diameter (mm)	136	136	136	136
Weight (Kg)	20	18	19	20