

## Omnia Range

Our Omnia Range submersible pumps are low head filter pumps with integral self-cleaning intake filters. They have a maximum output of 220 litres/minute and pressure of 1.1 bar. These pumps that can be fitted with 60 mu, 115 mu, 300 mu, 1mm or 2mm mesh on the self-cleaning intake.

Their ease of use, low maintenance and combination of intake filtration and pumping makes them ideal for dirty water use. They are all single phase and the O2008-16 model has an 110v motor option.

### Ideal Filterpumps for Analysers

Omnia pumps are used extensively as sample pumps for water quality monitoring and are ideal for open loop heat pump systems.



### Key Features

- ✓ Removes suspended solids down to 60 microns
- ✓ Pump and self-cleaning filter in one unit
- ✓ Ease of installation
- ✓ High reliability and easy to use
- ✓ 11 metre maximum head
- ✓ 220 litres per minute maximum flow
- ✓ Reduced capital, installation and maintenance costs
- ✓ All stainless steel including impellers



### Models & Specification

The Omnia Range submersible pumps with self cleaning intake can be fitted with a 60, 115, 300, micron aperture nylon screens, and 1mm, 2mm or 3mm woven stainless steel mesh.

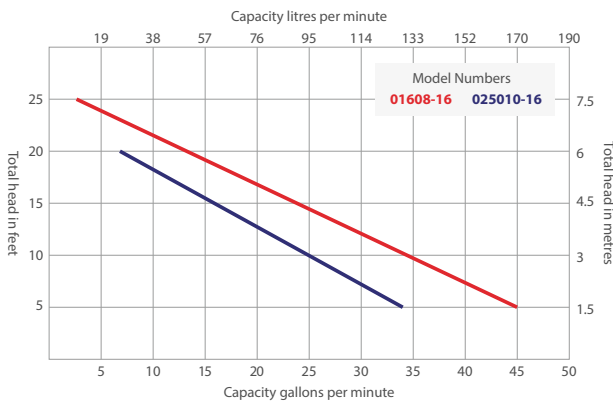
The filter mesh is made up of strong bias-cut nylon mesh inserts for ease of maintenance. The inserts are inexpensive and easy to replace.

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

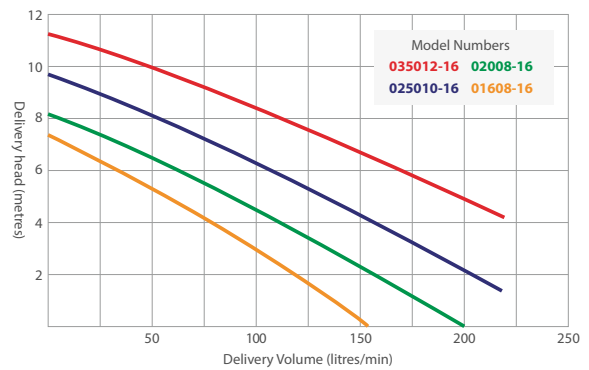
Model	Volts	kW	Outlet	L/min Max	Head (metres) Max	Optional Float Switch
O1608-16*	230	0.4	1 1/4"	150	7	Yes
O25010-16*	230	0.55	1 1/4"	225	10	Yes
O35012-16	230	0.8	1 1/4"	225	11	Yes
O2008-16	110	0.55	1 1/4"	200	8	Yes

\* These models are available with US specification 110v 60Hz motors

Performance curves for Omnias with single phase 115v 60Hz motors



Performance curves for Omnias with single phase 230v 50Hz motors



### Construction

Filter screen area	525 cm <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	O1608-16	O25010-16	O35012-16	O2008-16
Height (mm)	453	491	491	491
Filter Diameter (mm)	220	220	220	220
Weight (Kg)	9.5	10	11.5	10