

# Rotorflush Omnia Range Self-cleaning Filterpumps

## General Specifications

### General Arrangements



*Above shows O1608-16M Fitted with 60 micron nylon mesh*



*Above shows O1608-16M 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
- 11 metre maximum head
- 220 litres per minute maximum flow
- All Stainless Steel including impellers
- Reduced capital, installation and maintenance costs

# Rotorflush Omnia Range Self-cleaning Filterpumps

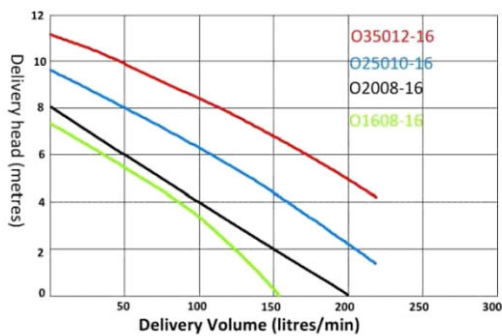
## General Specifications

### Models and Specifications

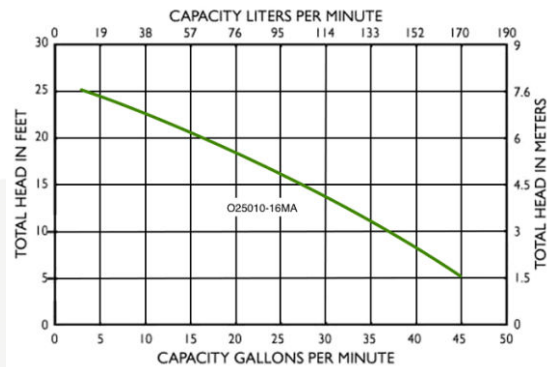
Model	Volts	kW	Outlet	L/min Max	Head (metres) Max	Optional Float Switch
O1608-16	230	0.4	1 ¼" BSP Male	150	7	Yes
O25010-16*	230	0.55	1 ¼" BSP Male	225	10	Yes
O35012-16	230	0.8	1 ¼" BSP Male	225	11	Yes
O2008-16	110	0.55	1 ¼" BSP Male	200	8	Yes

\*These models are available with US Specification 115v 60Hz

Performance Curves for Omnia  
with single phase 230v 50Hz motors



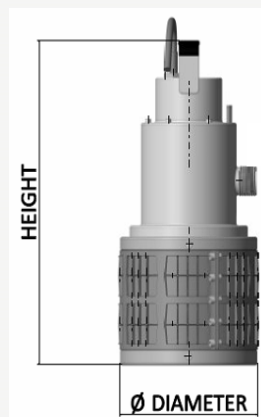
Performance Curves for Omnia  
with single phase 115v 60Hz motors



### Dimensions and Weights

Model	Height (mm)	Filter Diameter (mm)	Minimum Water Level	Weight (kg)
O1608-16	453	220	300	9.5
O25010-16	491	220	300	10
O35012-16	491	220	300	11.5
O2008-16	491	220	300	10

\*Dimensions and weights are approximate



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### Self-cleaning Filterpump Construction

Filterpump Body	
Component	Construction
Body	X 5 CrNi 1810 (AISI 304) Stainless Steel
Impeller	X 5 CrNi 1810 (AISI 304) Cast Stainless Steel
Power Cable	10m H07 RN-F
Motor Shaft	Stainless Steel shaft with Ceramic facing at the points of seal wear
Seal	Fixed double NBR 70 Rubber Seal with special sand guard V-ring. Oil chamber for seal lubricants

Self-cleaning Filter Construction	
Filter Screen Area	525cm <sup>2</sup>
Standard Screen Sizes	1mm and 2mm woven stainless steel mesh and 60, 115 and 300 micron nylon mesh
Filter mesh	Nylon or 316 Stainless Steel
Impeller Extension Shaft	Acetal
Impeller	304 Stainless Steel
Rotor	Acetal / ABS
Rotor Bearings	Silicon Carbide / Acetal
Filter Cage	304/316 Stainless Steel