

Rotorflush Nauti Range Self-cleaning Filterpumps

General Specifications

General Arrangements



*Above shows N99-16T
Fitted with 300 micron
nylon mesh*



*Above shows N99-16T
Fitted with 315 micron
Stainless Steel mesh*

Key Features

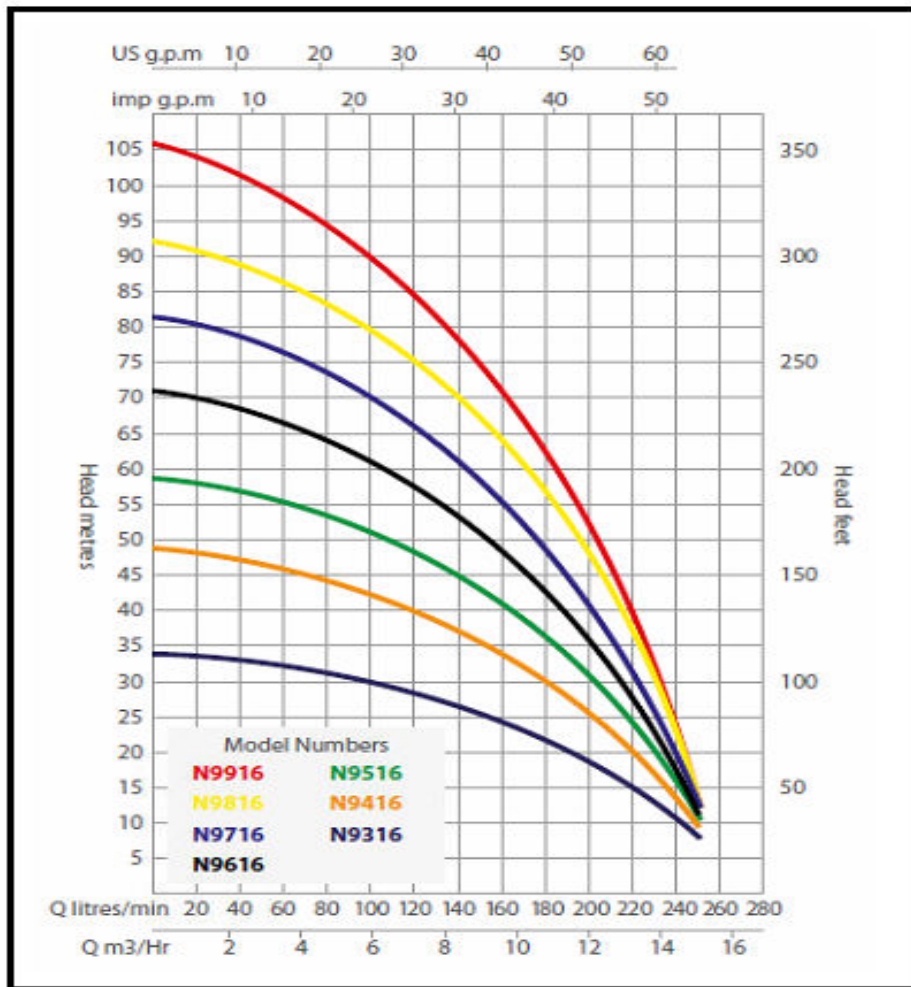
- Removes suspended solids down to 50 microns
- Pump and self-cleaning filter in one unit
- Ease of installation
- High reliability and easy to use
- 100 metre maximum head
- 220 litres per minute maximum flow
- Multi-stage pump
- Reduced capital, installation and maintenance costs
- All Stainless steel including impellers

Rotorflush Nauti Range Self-cleaning Filterpumps

General Specifications

Models and Specifications

| Model | Volts | kW | Outlet | L / min Max | Head (metres) Max | Optional Float Switch |
|--------|-------------|-----|------------------|----------------|----------------------|--------------------------|
| N93-16 | 230v / 415v | 1.1 | 1 ¼ " BSP Female | 225 | 35 | Yes |
| N94-16 | 230v / 415v | 1.5 | 1 ¼ " BSP Female | 225 | 45 | Yes |
| N95-16 | 230v / 415v | 2.2 | 1 ¼ " BSP Female | 225 | 57 | Yes |
| N96-16 | 230v / 415v | 2.2 | 1 ¼ " BSP Female | 225 | 67 | Yes |
| N97-16 | 415v | 3.0 | 1 ¼ " BSP Female | 225 | 79 | No |
| N98-16 | 415v | 3.0 | 1 ¼ " BSP Female | 225 | 90 | No |
| N99-16 | 415v | 3.0 | 1 ¼ " BSP Female | 225 | 103 | No |



Rotorflush Nauti Range Self-cleaning Filterpumps

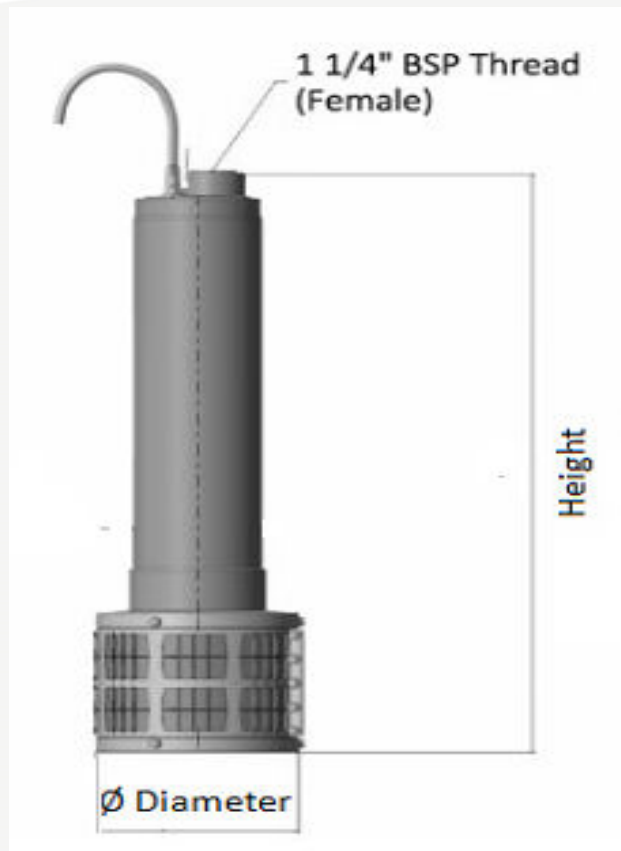
General Specifications

Dimensions and Weights

| Model | Height (mm) | Filter Diameter (mm) | Minimum Water Level | Weight (kg) |
|--------|-------------|----------------------|---------------------|-------------|
| N93-16 | 650 | 220 | 300 | 21 / 21 |
| N94-16 | 730 | 220 | 300 | 24 / 22 |
| N95-16 | 760 | 220 | 300 | 26 / 25 |
| N96-16 | 790 | 220 | 300 | 27 / 25 |
| N97-16 | 820 | 220 | 300 | 27 |
| N98-16 | 850 | 220 | 300 | 28 |
| N99-16 | 880 | 220 | 300 | 28 |

*Dimensions and weights are approximate

*Three Phase models weights in blue



Rotorflush Nauti Range Self-cleaning Filterpumps

General Specifications

Self-cleaning Filterpump Construction

| Filterpump Body | |
|-----------------------------|---|
| Component | Construction |
| Discharge head | Nickel Plated pressed brass alloy UNI-EN 12165-98 |
| Outer case | 304 stainless steel DIN/EN 1.4301 |
| Power Cable | 20m H07 RN-F |
| Motor housing | 304 stainless steel DIN/EN 1.4301 |
| Mechanical Seals | Ceramic / Carbon / NBR |
| Covers/flanges motor casing | 304 stainless steel DIN/EN 1.4301 |
| Pump shaft | 304 stainless steel DIN/EN 1.4301 |
| Diffusers | 304 stainless steel DIN/EN 1.4301 |
| Screws and washers | 304 stainless steel DIN/EN 1.4301 |
| Impellers and spacers | 304 stainless steel DIN/EN 1.4301 |

| 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 / Iglidur |
| Filter Cage | AISI 304 |