

Rotorflush Cobalt 600 Range Self-cleaning Filterpumps

General Specifications

General Arrangements



Key Features

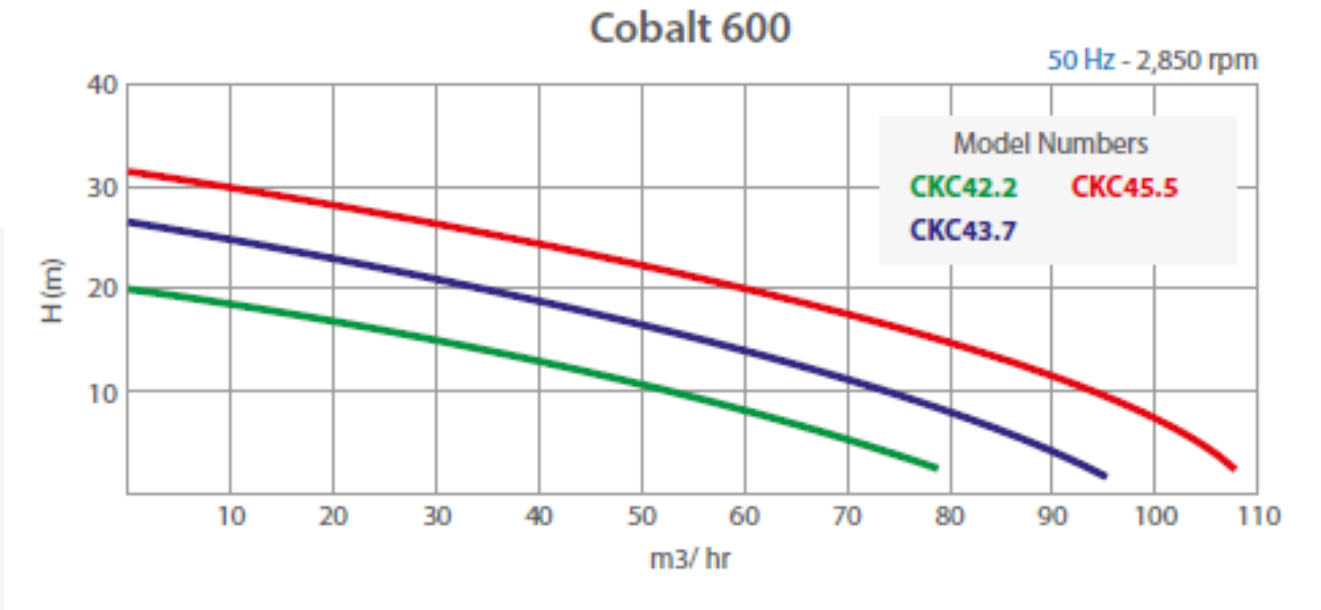
- Stainless steel motor casing
- Stainless steel intake and filter mesh
- Internal overload monitoring (thermal cutout)
- Filter mesh 315 micron to 3mm
- Very low maintenance filtration
- 108 cubic metres per hour maximum flow
- Operates down to 25m depth
- Chromium iron pump impeller
- 8m cable (longer cable can be fitted))
- Reduced capital, installation and maintenance

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Models and Specifications

| Model | Volts | kW | Rated Current Amps | Outlet (mm) | Max m3/hr | Max Head (m) |
|---------------|-------|-----|--------------------|-------------|-----------|--------------|
| CKC42.2 600AR | 400 | 2.2 | 2.2 | 100 | 78 | 19.5 |
| CKC43.7 600AR | 400 | 2.2 | 3.7 | 100 | 96 | 25 |
| CKC45.5 600AR | 400 | 3.0 | 5.5 | 100 | 108 | 30 |



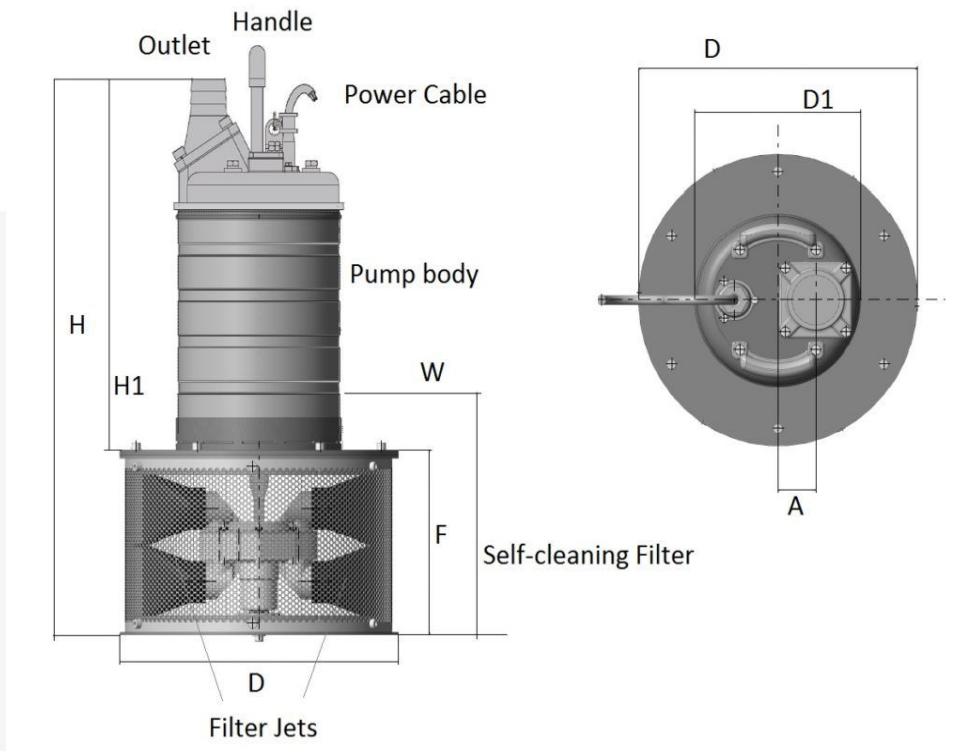
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Dimensions and Weights

| Model | Height (mm) H | Filter Diameter (mm) D | Filter Pump Diameter (mm) D1 | Filter Height (mm) F | Weight (kg) | Minimum Water Level (mm) |
|---------------|---------------|------------------------|------------------------------|----------------------|-------------|--------------------------|
| CKC42.2 600AR | 965 | 655 | 262 | 476 | 63 | 650 |
| CKC43.7 600AR | 1050 | 655 | 302 | 476 | 82 | 650 |
| CKC45.5 600AR | 1090 | 655 | 302 | 476 | 90 | 650 |

*Dimensions and weights are approximate



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Self-cleaning Filterpump Construction

| Filterpump Body | |
|------------------------|--------------|
| Component | Construction |
| Body | AISI304SS |
| Impeller | Chrome Steel |
| Cable | H07RN-F |
| Double Mechanical Seal | Sic/Sic |

| Self-cleaning Filter Construction | |
|-----------------------------------|---|
| Filter Screen Area | 5600cm ² |
| Standard Screen Sizes | 315 micron, 1mm, 2mm, and 3mm |
| Filter mesh | Sintered stainless steel mesh (315 micron) Stainless steel woven mesh (1mm and 2mm) Stainless steel perforated mesh (3mm) |
| Impeller Extension Shaft | Stainless Steel |
| Impeller | Stainless steel |
| Rotor | ABS (Acrylonitrile Butadiene Styrene) |
| Rotor Bearings | Silicon Carbide |
| Filter Cage | Stainless Steel |
| Cleaning Jets | Natural Rubber Jets, Stainless Steel Clips |