

Rotorflush cobalt 400 Range Self-cleaning Filterpumps

General Specifications

General Arrangements



Key Features

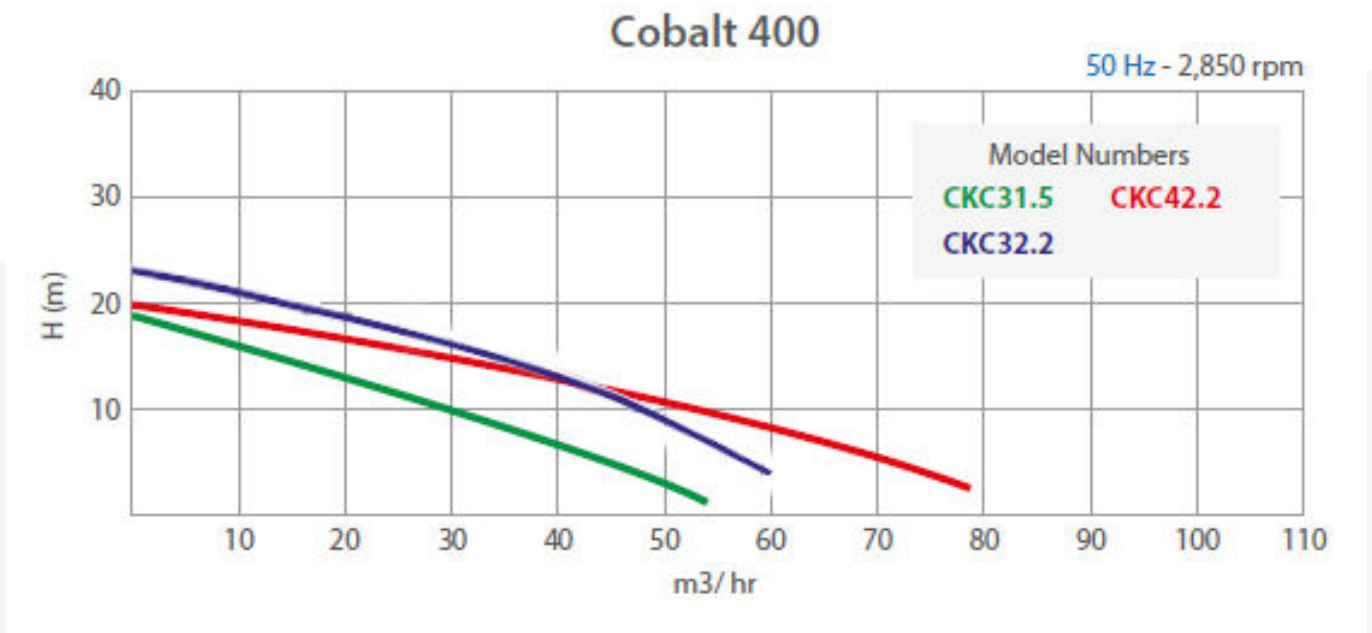
- Integral self-cleaning filter
- 316 Stainless steel filter mesh
- Filter mesh from 1 – 3 mm
- Reliable and low maintenance
- Continuous backwash whenever water is being pumped
- Capital, installation and maintenance costs reduced
- All stainless steel filter cage construction

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Models and Specifications

Model	Volts	kW	Rated Current Amps	Outlet	Max m3/hr	Max Head (m)
CKC31.5 400AR	415	1.5	4.0	75mm male	53	18
CKC32.2 400AR	415	2.2	5.5	75 mm male	60	22
CKC42.2 400AR	415	2.2	5.5	100 mm male	60	19.5



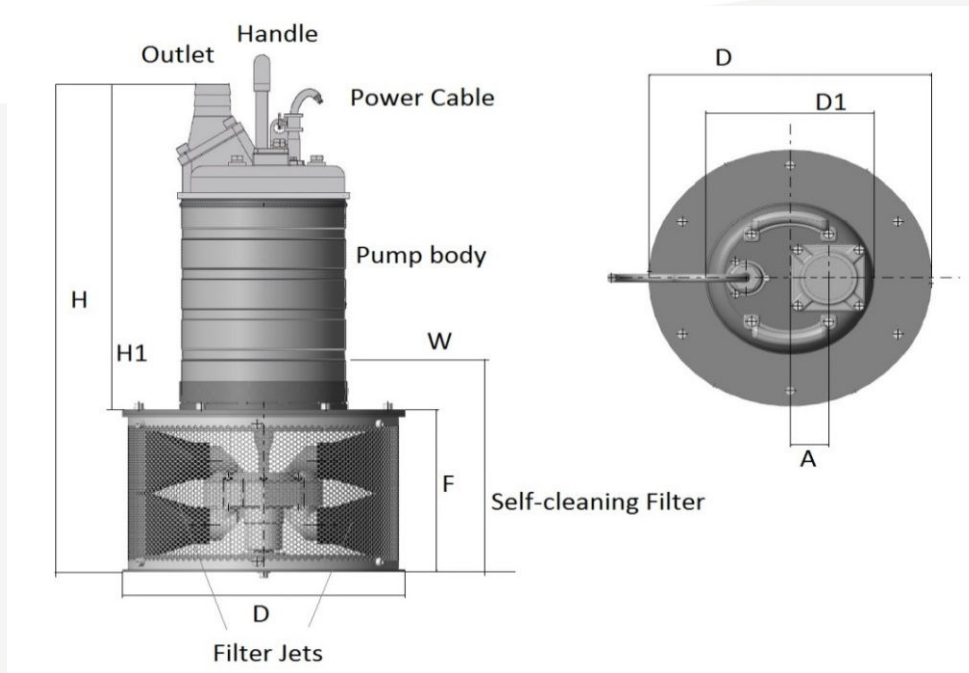
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Dimensions and Weights

Model	Height (mm) H	Filter Diameter (mm) D	Filter Pump Diameter (mm) D1	Filter Height (mm) F	Weight (kg)	Minimum Water Level
CKC31.5 400AR	745	420	262	270	60	400
CKC32.2 400AR	745	420	262	270	63	400
CKC42.2 400AR	765	420	262	270	63	400

*Dimensions and weights are approximate



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Self-cleaning Filterpump Construction

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

Self-cleaning Filter Construction	
Filter Screen Area	2500cm ²
Standard Screen Sizes	300 micron, 315 micron, 1mm, 2mm, and 3mm
Filter mesh	Nylon mesh, polypropylene insert (300 micron) 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