

ULTRAVORT SERIES

VORTEX SUBMERSIBLE PUMPS

The UV series submersible pumps can handle up to 40mm solids and up to 16 meter heads.

For emptying sumps, sewerage and effluent transfer and many other grey and black water pumping applications the UV series have been proven over many years to be reliable and dependable in these demanding situations.

Features:

- Double mechanical seals.
- Non clogging Vortex design
- Side Discharge
- Float switch or manual operation
- Maximum liquid temperature: +40°C
- Available in Single or Three phase.



ULTRAVORT SERIES

ULTRAVORT SERIES VORTEX								
Part No.	HP	kW	Volts	Ph	Float Switch	Discharge	Max Solid	Cable length
240-UV20A	1/5	0.15	230	1	Yes	40mm	27mm	5m
240-UV30A	1/3	0.25	230	1	Yes	40mm	27mm	5m
240-UV50A	1/2	0.4	230	1	Yes	50mm	35mm	10m
240-UV75A	3/4	0.55	230	1	Yes	75mm*	35mm	10m
240-UV100A	1.0	0.75	230	1	Yes	75mm*	37mm	10m
240-UV100T	1.0	0.75	400	3	No	75mm*	37mm	10m
240-UV100AT	1.0	0.75	400	3	Yes	75mm*	37mm	10m
240-UV200A	2.0	1.5	230	1	Yes	75mm*	40mm	10m
240-UV200T	2.0	1.5	400	3	No	75mm*	40mm	10m
240-UV200AT	2.0	1.5	400	3	Yes	75mm*	40mm	10m

*option: 50mm outlet flange available.

Typical applications:

- Storm water drainage
- Sewerage transfer
- Effluent disposal
- Water features

Pump Type:

- Single impeller vortex type centrifugal pump for pumping clean or dirty water containing solids (maximum size as shown) or fibrous material. Must be non-explosive, non-flammable and non-abrasive.

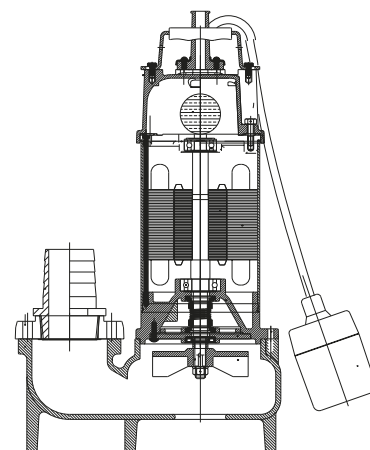
Motor Type:

- Single phase versions: Oil filled PSC type with auto reset thermal overload (120°C cutout)
- Three phase versions: Oil filled (with incorporated starter for Auto versions) DOL
- Rated speed: 2800RPM
- Insulation: Class

Operation limitation:

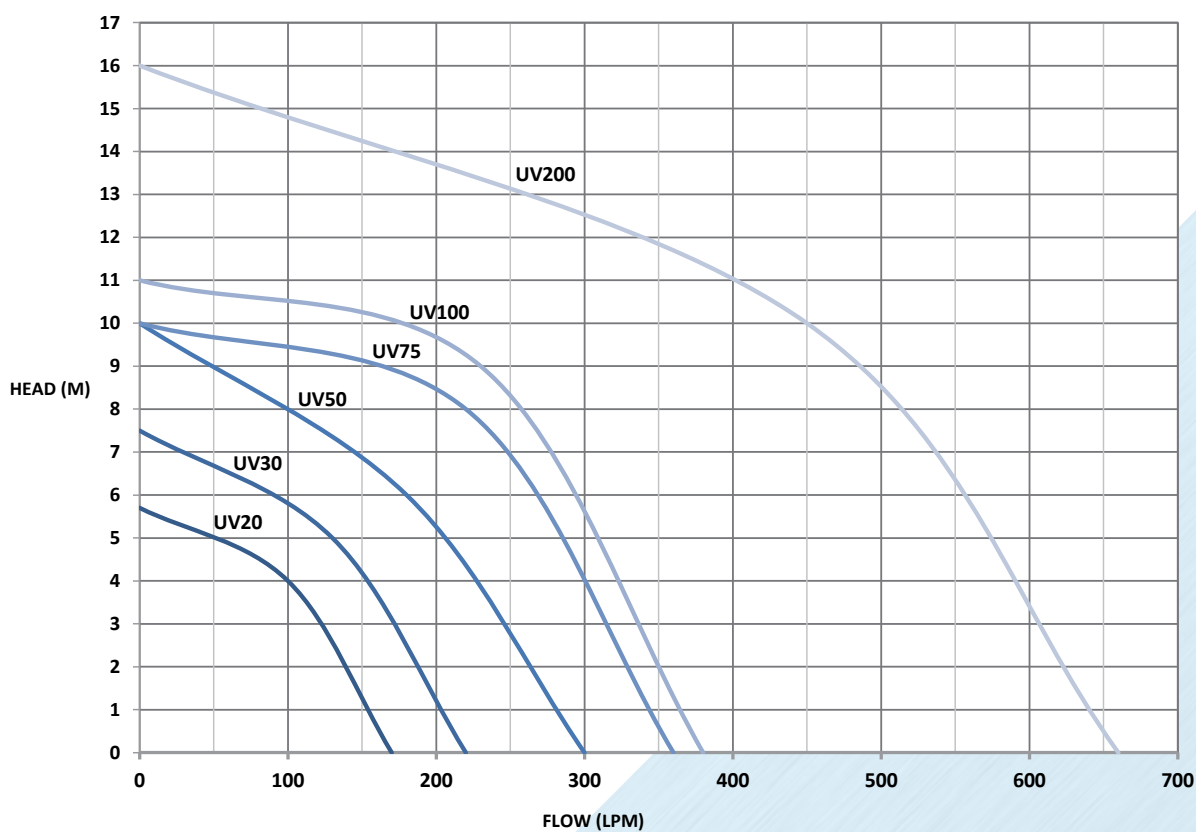
- Maximum liquid temperature: 40°C
- Continuous operation rated (motor must be completely submersed)

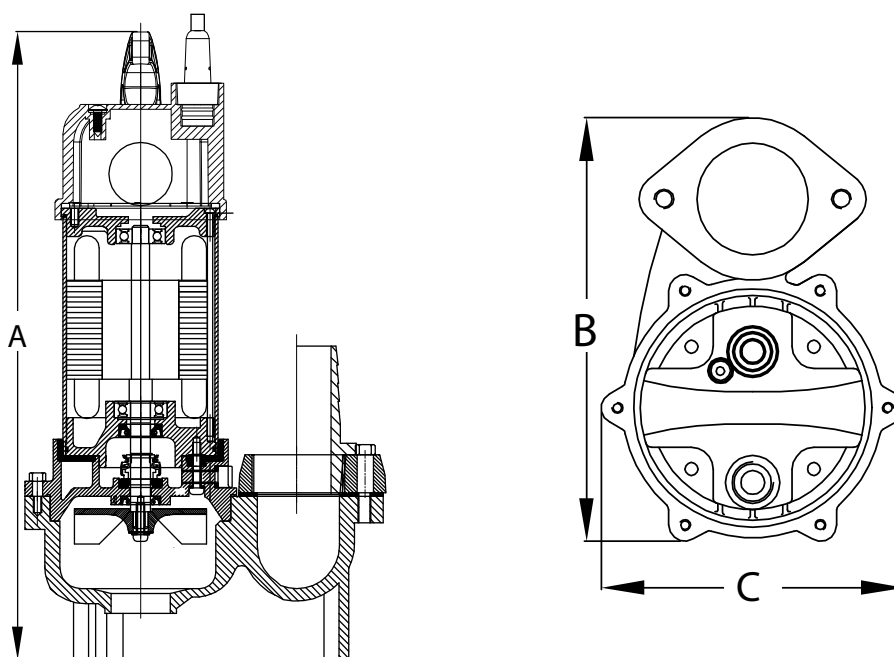
CONSTRUCTION DETAILS						
Item	UV20	UV30	UV50	UV75	UV100	UV200
Top cover	GF Nylon	GF Nylon	GF Nylon	GF Nylon	Cast Iron	Cast Iron
Motor casing	304 SS	304 SS	304 SS	304 SS	304 SS	304 SS
Pump casing	Cast Iron	Cast Iron	Cast Iron	Cast Iron	Cast Iron	Cast Iron
Impeller	GF Nylon	GF Nylon	GF Nylon	Cast Iron	Cast Iron	Cast Iron
Mechanical seal	Car/Cer	Car/Cer	Car/Cer	Car/Cer	Sic/Sic	Sic/Sic
O Rings	NBR	NBR	NBR	NBR	NBR	NBR
Shaft	410 SS	410 SS	410 SS	410 SS	410 SS	410 SS
Discharge	Polyprop	Polyprop	Polyprop	Cast Iron	Cast Iron	Cast Iron
Cable	Neoprene	Neoprene	Neoprene	Neoprene	Neoprene	Neoprene



PERFORMANCE DATA														
Model	M3/h	3	6	9	12	15	18	21	24	27	30	33	36	39
	L/M	50	100	150	200	250	300	350	400	450	500	550	600	650
UV20	H (m)	5	4	1										
UV30		6.5	5.8	4	1									
UV50		9	8	6.8	5.2	2.8								
UV75		9.5	9.4	9	8.5	7	4	0.5						
UV100		10.5	10.5	10.2	9.5	8.2	5.5	2						
UV200		15.2	14.8	14.2	13.6	13	12.5	11.8	11	10	8.4	6	3.2	0.5

Performance:





DIMENSIONS & SPECIFICATIONS

Model	A	B	C	Kg
UV20	380	196	140	8
UV30	380	196	140	9
UV50	410	210	157	12
UV75	440	260	165	15
UV100	440	260	165	20
UV200	545	310	200	32

For your nearest dealer please contact Argon Distributors: 0508 634 341

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