

# ULTRAVORT SERIES

## Technical Details

Model	Kw	Hp	Phase	Volts	float Switch	Amps	Outlet	Solids passage clearance	Cable length
UV20A	0.15	0.2	1	230	yes	1.5	40mm	27mm	5m
UV30A	0.25	0.3	1	230	yes	2.0	40mm	27mm	5m
UV50A	0.4	0.5	1	230	yes	4.0	50mm	35mm	10m
UV75A	0.55	0.75	1	230	yes	4.5	80mm*	35mm	10m
UV100A	0.75	1.0	1	230	yes	5.0	80mm*	37mm	10m
UV100T	0.75	1.0	3	400	No	1.5	80mm*	37mm	10m
UV100AT	0.75	1.0	3	400	yes	1.5	80mm*	37mm	10m
UV200A	1.5	2.0	1	230	yes	11.0	80mm*	40mm	10m
UV200T	1.5	2.0	3	400	No	3.5	80mm*	40mm	10m
UV200AT	1.5	2.0	3	400	yes	3.5	80mm*	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.

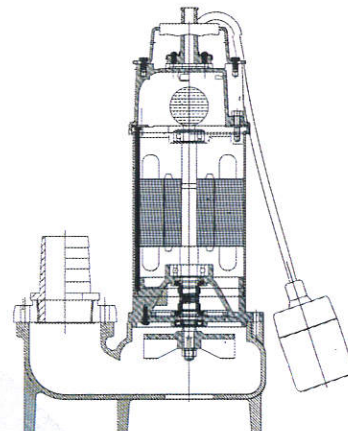
### Motor Type:

- 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 flange	Polyprop	Polyprop	Polyprop	Cast Iron	Cast Iron	Cast Iron
Cable	Neoprene	Neoprene	Neoprene	Neoprene	Neoprene	Neoprene



## Performance Data

PERFORMANCE TABLE														
Model	M3/h L/M	3 50	6 100	9 150	12 200	15 250	18 300	21 350	24 400	27 450	30 500	33 550	36 600	39 650
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 Data

