

VIRA PORTABLE SEWAGE SUBMERSIBLE PUMP



Series: "VP"

VIRA Portable Pumps are designed to reach places where often pumps can't go. They are Light in weight which makes easy handling and installation. Pumps and Motor both are fitted on single shaft. Motor above and pump below ensure to remove maximum sludge water from the pit. Low Maintenance cost and easy to repair with better life.

TECHNICAL SPECIFICATION

Motor : Two Pole Continuous Duty Squirrel Cage
Submersible Type Induction Motor

Speed : 2900 RPM

Connection : DOL(STAR/DELTA Optional)

Range : 1.0 H.P. to 20.0 H.P.

Temp. : Ambient (Also available for higher temp.
on request)

Voltage : 220 V, 1Ph, 50 Hz.(1.0 H.P.& 3.0 H.P.)
415 V, 3Ph, 50 Hz.(1.0 H.P.& 20.0 H.P.)

Insulation : Class`F`

MATERIAL OF CONSTRUCTION

Motor Body : S.S.202

Pump Casing : C.I. IS 210 FG 260

Shaft : S.S.410

Impeller : C.I. IS 210 FG 260

Strainer : S.S.202

Fasteners : S.S.202

Mechanical seal : TC Vs. TC OR SIC. Vs. SIC

Cable : PVC Insulated Copper Conductor
Flexible Cable

APPLICATION

- Suitable for handling screened sewage
- Removal of Kitchen Waste
- Cleaning of Manholes/ Trenches
- Removes all sorts of industrial waste.

AVAILABLE ON REQUEST

- Optional MOC of S.S., Aluminium, Bronze
- Float Arrangement in Single Phase Pumps
- Auto-Coupling Arrangement
- Cutter Arrangement
- Agitator Arrangement

PERFORMANCE TABLE (SPEED: 2900 RPM)

Model	H.P.	Del. Size	Solid Size	Discharge in LPM	Head in Meter							Shut Off			
					2	4	6	8	10	12	15		20	25	
VP 12005	0.5	40	12	Discharge in LPM	250	190	150	100						11	
VP 251	1.0	40	12			220	180	140	95						13.5
VP 25152	2.0	50	25			600	540	480	415	345	240	40			20
VP 253N	3.0	50	25			680	655	590	550	450	260	80			21
VP 253	3.0	50	25					450	425	400	350	220			23
VP 255	5.0	50	25							540	450	350	200		30
VP 351	1.0	50	35			375	307	225	112						11.5
VP 351.5	1.5	50	35			455	375	315	250	180					14

Note: Performance May Vary Depending Upon Voltage, Frequency and Field Conditions.



PERFORMANCE TABLE (SPEED: 2900 RPM)

Model	H.P.	Del. Size	Solid Size	Dis. in LPM	Head in Meter								Shut Off	
					2	4	6	8	10	12	14	16		18
VP 503	3.0	80	50	Dis. in LPM		1000	875	750	610	470	320	140		17
VP 505	5.0	80	50			1230	1160	1090	1010	920	820	695	480	20
VP 507.5	7.5	100	50			1940	1800	1640	1400	1140	820	440		18
VP 5010	10.0	100	50			2200	2120	2000	1840	1600	1320	1000	560	20

Model	H.P.	Del. Size	Solid Size	Discharge in LPM	Head in Meter							Shut Off				
					6	12	18	24	30	36	42		48	54		
VP 25153	3.0	50	25	Discharge in LPM	540	410	270	120							28	
VP 25155	5.0	50	25		715	640	550	445	310	140						40
VP 25157.5	7.5	50	25		720	670	620	545	465	335	105					44
VP 50157.5	7.5	100	50		1510	1250	970	650	300							34
VP 251510	10.0	50	25			980	920	860	780	670	520	285				54
VP 3510	10.0	80	35		1350	1200	1020	820	590	300						40
VP 501510	10.0	100	50		1650	1400	1100	800	440	60						37
VP 3512.5	12.5	80	35		1450	1350	1220	1050	850	600	250					45
VP 2515	15.0	50	25		1550	1475	1375	1240	1050	800	400					47
VP 3515	15.0	100	35		2900	2600	2230	1750	1000							36
VP 3520	20.0	100	35		3250	2980	2650	2250	1750	1000						42
VP 2525	25.0	80	25				1900	1700	1500	1300	1000	500				52
VP 3525	25.0	100	35			2000	1950	1850	1700	1400	1000	350				50
VP 2530	30.0	80	25				2200	2000	1850	1650	1350	1050	600			58
VP 3530	30.0	100	35				2350	2200	2000	1800	1550	850				53

Model	H.P.	Del. Size	Solid Size	Discharge in LPM	Head in Meter						Shut Off				
					10	20	30	40	50	55		60	65	70	
VP 251515	15.0	50	25	Discharge in LPM	1130	1095	955	735	430	250					62
VP 251520	20.0	50	25		1280	1220	1145	1000	780	641	500	309			

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