

V3 Submersible Pump Set (68 MM & 74 MM)

Teraflo brand makes highly efficient durable and best Quality V3 submersible pumpset with water filled motors. Available on both outer diameter of 68mm & 74mm.



SALIENT FEATURES

1. Fully stainless steel stator tube.
2. All the diffusers and impellers are glass filled engineer polymer with stainless steel wear rings.
3. Rotor supply with Epoxy paint for long life and corrosion free.
4. Dynamically balance rotor which give noise less & vibration free operation.
5. Light weight & Easy to operate in wide voltage band.
6. All parts machined on CNC to set consistent Quality performance.
7. Rotor are grinded & burnished to give better surface finish value which ensure long life.
8. Can be installed with HDPE/UPVE Pipes.
9. Start Easily at low voltage.
10. All hardware are stainless steel
11. All rubber parts are which NBR

APPLICATION

1. Domestic water supply-Apartment, Building & Hotel
2. Fountains, Canals & Rivers.
3. Solar Application
4. Domestic water supply.
5. Fire Fighting System.
6. Unshaped and crossed borewell.
7. Replace of hand pump.

MATERIAL OF CONSTRUCTION

MOTOR

Motor Shaft	: AISI 410
Casting Part	: CI FG 200
Thrust Bearing	: Tilting pad self alignment carbon S/S
Winding Wire	: Multi layer polyester insulated
Copper	: E.C. grade (99.9%)

PUMP

Bowl& Impeller	: Glass Filled engineered polymer.
Suction& NRV	: CI FG 200 grade.
Pump Shaft	: Stainless Steel AISI 410
Pump casing	: Stainless Steel
All Hardware	: Stainless Steel AISI 304

TECHNICAL SPECIFICATION

Head Range	: 6 To 109 Meter.
Discharge Range	: 10 to 90 LPM.
Motor Rating	: 0.5HP to 1.5HP, 220V, 50Hz, AC Supply
Voltage Range	: 140V to 240V

SELECTION CHART FOR TERAFL0 (75MM) 3" SUBMERSIBLE PUMPSETS

40 LPM MAX.O.D : 68 MM.

OUTLET SIZE : 25 MM 2900 RPM

PUMP MODEL	STAGE	MOTOR RATING		DISCHARGE							
		H.P	kW	M ³ /hr	0.6	1.2	1.8	2.4	3.0	3.6	4.2
				LPM	10	20	30	40	50	60	70
TFRS3/4/7	7	0.5	0.37	TOTAL HEAD IN METERS	26	25	23	21	19	15	11
TFRS3/4/10	10	0.75	0.55		37	35	33	30	27	22	16
TFRS3/4/12	12	1.0	0.75		44	42	40	36	32	26	19
TFRS3/4/15	15	1.25	0.93		56	53	50	45	40	33	24
TFRS3/4/20	20	1.5	1.1		74	70	66	60	53	44	32

50 LPM MAX.O.D : 68 MM.

OUTLET SIZE : 25 MM 2900 RPM

PUMP MODEL	STAGE	MOTOR RATING		DISCHARGE							
		H.P	kW	M ³ /hr	1.2	1.8	2.4	3.0	3.6	4.2	4.8
				LPM	20	30	40	50	60	70	80
TFRS3/5/6	6	0.5	0.37	TOTAL HEAD IN METERS	22	21	20	18	16	13	10
TFRS3/5/8	8	0.75	0.55		30	28	26	24	21	18	14
TFRS3/5/10	10	1.0	0.75		37	35	33	30	27	22	17
TFRS3/5/12	12	1.25	0.93		44	42	40	36	32	26	20
TFRS3/5/15	15	1.5	1.1		56	53	50	45	40	33	26

40 LPM MAX.O.D : 74 MM.

OUTLET SIZE : 25 MM 2900 RPM

PUMP MODEL	STAGE	MOTOR RATING		DISCHARGE							
		H.P	kW	M ³ /hr	0.6	1.2	1.8	2.4	3.0	3.6	4.2
				LPM	10	20	30	40	50	60	70
TFR3/4/7	7	0.5	0.37	TOTAL HEAD IN METERS	27	25	22	18	14	10	6
TFR3/4/10	10	0.5	0.37		39	36	32	26	20	14	8
TFR3/4/13	13	0.75	0.55		51	47	41	34	26	18	10
TFR3/4/15	15	0.75	0.55		59	54	47	39	30	21	12
TFR3/4/17	17	1.0	0.75		66	61	54	44	34	24	14
TFR3/4/20	20	1.0	0.75		78	72	63	52	40	28	16
TFR3/4/24	24	1.25	0.93		94	86	76	62	48	34	19
TFR3/4/26	26	1.5	1.1		101	94	82	68	52	36	21
TFR3/4/28	28	1.5	1.1		109	101	88	73	56	39	22

50 LPM MAX.O.D : 74 MM.

OUTLET SIZE : 32 MM 2900 RPM

PUMP MODEL	STAGE	MOTOR RATING		DISCHARGE							
		H.P	kW	M ³ /hr	1.2	1.8	2.4	3.0	3.6	4.2	4.8
				LPM	20	30	40	50	60	70	80
TFR3/5/7	7	0.5	0.37	TOTAL HEAD IN METERS	27	26	23	20	16	12	8
TFR3/5/10	10	0.75	0.55		39	37	34	29	24	18	11
TFR3/5/12	12	1.0	0.75		47	44	40	35	28	21	13
TFR3/5/15	15	1.25	0.93		59	56	50	44	35	26	17
TFR3/5/20	20	1.5	1.1		78	74	67	58	47	35	22

60 LPM MAX.O.D : 74 MM.

OUTLET SIZE : 32 MM 2900 RPM

PUMP MODEL	STAGE	MOTOR RATING		DISCHARGE							
		H.P	kW	M ³ /hr	1.8	2.4	3.0	3.6	4.2	4.8	5.4
				LPM	30	40	50	60	70	80	90
TFR3/6/6	6	0.5	0.37	TOTAL HEAD IN METERS	25	24	22	19	16	13	10
TFR3/6/8	8	0.75	0.55		34	32	29	25	21	17	13
TFR3/6/10	10	1.0	0.75		42	40	36	32	27	22	16
TFR3/6/12	12	1.25	0.93		50	48	43	38	32	26	19
TFR3/6/15	15	1.5	1.1		63	60	54	47	40	32	24