



FOUNTAIN PUMPS™

Stainless Steel Submersible Pump



**Energy
Saving
Upto
40%**

Enjoy the Technology Admire the Value

INTRODUCTION



FOUNTAIN PUMPS is a professional manufacturer of stainless steel multistage centrifugal pumps. It is always devote to innovation.

FOUNTAIN PUMPS has professional pump design and developing technicians and formed a manufacturer management, quality management and marketing management system.

FOUNTAIN PUMPS is one of the aggressive pump industry in M.P. The pumps are applied to industrial, municipal water supply, agriculture, farm irrigation, domestic water supply and fire water supply of high building, water purification system etc. The working principal is only innovation.

FOUNTAIN PUMPS is located in the heart of India Madhya Pradesh and heart of Madhya Pradesh Indore. We warmly welcome to our customer to visit our company.

VISION

Our vision is to be the leader among high quality submersible pumps service providers .
To be the premier provider of specialize water solution products for the Pump Industry.
To contribute to the value of the submersible system with quality and cost effective services.

MISSION

The mission of FOUNTAIN PUMPS is to provide innovative, technologically advanced water solution products in a comprehensive, and cost effective manner, emphasizing respect, dignity, quality, and customer service.



SPECIFICATION



FOUNTAIN PUMPS

TECHNICAL DATA

- ❖ Flow rate up to 60 m³/h
- ❖ Head up to 400 mtr.
- ❖ Water temperature up to 40 C

FEATURE

- ❖ High operating efficiency.
- ❖ High durable & hygiene
- ❖ Good resistance to sand can be easily dismantled & repairs can handle up thrust load.
- ❖ Design for wide voltage fluctuations.
- ❖ Long life service as all components are made off stainless steel.

APPLICATION



Bungalows



Domestic Water Supply



Irrigation Systems



Gardens



Fountains



Sprinkler System



Mining and Fire Fitting



Industrial Water Supply



Pressure Busting Units



4" (100mm)**FOUNTAIN PUMPS****PERFORMANCE TABLE**

RPM:2850, freq. 50Hz @ Rated voltage



FR-2		Duty head 15feet per stage @ 35Lpm									Outlet 1"
HP	Stage	Lpm	20	25	30	35	40	45	50	55	60
0.5	10	Head in mtr	60	55	48	41	33	26	20	15	10
0.75	12		72	66	58	49	40	31	24	18	12
1	15		90	83	72	62	50	39	30	23	15
1	18		108	99	86	74	59	47	36	27	18
1.5	25		150	138	120	103	83	65	50	38	25
2	30		180	165	144	123	99	78	60	45	30
3	35		210	193	168	144	116	91	70	53	35
5	40		240	220	192	164	132	104	80	60	40

FR-3		Duty head 15feet per stage @ 50Lpm									Outlet 1.25"
HP	Stage	Lpm	35	40	45	50	55	60	65	70	75
0.5	7	Head in mtr	43	41	37	31	27	22	18	12	7
0.75	10		61	58	53	44	38	31	25	17	10
1	12		73	70	64	53	46	37	30	20	12
1.5	20		122	116	106	88	76	62	50	34	20
2	20		134	128	112	100	88	72	52	40	20
3	25		168	160	140	125	110	90	65	50	25
5	35		214	203	186	154	133	109	88	60	35

FR-4		Duty head 15feet per stage @ 65Lpm									Outlet 1.25"
HP	Stage	Lpm	20	30	40	50	65	70	80	90	100
0.75	8	Head in mtr	54	51	45	40	35	29	21	16	8
1	10		67	64	56	50	44	36	26	20	10
1.5	15		101	96	84	75	66	54	39	30	15
2	20		134	128	112	100	88	72	52	40	20
3	25		168	160	140	125	110	90	65	50	25
5	30		201	192	168	150	132	108	78	60	30

FR-6		Duty head 15feet per stage @ 110Lpm									Outlet 1.25"
HP	Stage	Lpm	80	90	100	110	120	130	140	150	150
1	8	Head in mtr	44	40	36	33	29	24	20	15	8
1.5	10		55	50	45	41	36	30	25	18	10
1.5	12		66	60	54	49	43	36	30	22	12
2	15		83	75	68	62	54	45	38	27	15
3	20		110	100	90	82	72	60	50	36	20
5	25		138	125	113	103	90	75	63	46	25

Note : Pumpset result (Output) may reduce due to pipeloss, Voltage & Frequency drop.

4"(100mm)**FOUNTAIN PUMPS****PERFORMANCE TABLE**

RPM:2850, feq. 50Hz @ Rated voltage

FR-8		Duty head 15 feet per stage @ 120 Lpm								Outlet 1.5"	
HP	Stage	Lpm	80	90	100	110	120	135	150	160	175
1	6	Head in mtr	35	32	29	27	24	21	17	13	8
1.5	8		46	43	39	36	32	28	23	18	10
2	10		58	54	49	45	40	35	29	22	13
3	15		85	81	74	68	60	53	44	33	20
3	18		104	97	88	81	72	63	52	40	23
5	20		116	108	98	90	80	70	58	44	26

FR-10		Duty head 15 feet per stage @ 150Lpm								Outlet 1.5"	
HP	Stage	Lpm	110	120	130	140	150	160	170	180	190
1.5	7	Head in mtr	37	34	32	29	27	21	16	11	7
2	8		42	38	36	33	31	24	18	13	8
3	12		64	58	54	49	47	36	28	19	12
5	18		95	86	81	74	70	54	41	29	18

FR-12		Duty head 15 feet per stage @ 225Lpm								Outlet 2"	
HP	Stage	Lpm	150	175	200	225	250	275	300	325	350
2	6	Head in mtr	24	22	20	18	16	13	11	8	3
3	8		32	29	26	24	21	17	14	10	4
5	12		48	43	40	36	31	25	22	16	6

FR-15		Duty head 15feet per stage @ 245Lpm								Outlet 2"	
HP	Stage	Lpm	10	50	68	154	217	245	258	300	335
1	4	Head in mtr	24	22	20	16	13	12	10	6	4
1.5	5		30	28	25	21	17	15	13	8	5
2	6		36	34	30	25	20	18	16	10	6
3	8		48	45	40	33	26	24	21	13	8
5	10		60	56	50	41	33	30	26	16	10

Note : Pumpset result (Output) may reduce due to pipeloss, Voltage & Frequency drop.



6"(150mm)



PERFORMANCE TABLE

RPM:2850, freq. 50Hz @ Rated voltage



FR-50		Duty head 12 mtr., Discharge 125 Lpm. & Power 0.5 HP Per Stage									Outlet 2"	
HP	Stage	Lpm	230	205	190	165	140	125	115	90	60	
3	6	Head in mtr	24	36	48	60	66	72	78	84	90	
4	8		32	48	64	80	88	96	104	112	120	
5	10		40	60	80	100	110	120	130	140	150	
6	12		48	72	96	120	132	144	156	168	180	
7.5	15		60	90	120	150	165	180	195	210	225	
10	20		80	120	160	200	220	240	260	280	300	
12.5	24		96	114	192	240	264	288	312	336	360	
15	30		120	180	240	300	330	360	390	420	450	
17.5	35		140	210	280	350	385	420	455	490	525	
20	40		160	240	320	400	440	480	520	560	600	
25	50		200	300	400	500	550	600	650	700	750	

FR-60		Duty head 12 mtr., Discharge 155 Lpm. & Power 0.6 HP Per Stage									Outlet 2"	
HP	Stage	Lpm	300	270	240	210	170	155	140	110	70	
3	5	Head in mtr	20	30	40	50	55	60	65	70	75	
4	7		28	42	56	70	77	84	91	98	105	
5	8		32	48	64	80	88	96	104	112	120	
6	10		40	60	80	100	110	120	130	140	150	
7.5	12		48	72	96	120	132	144	156	168	180	
10	15		60	90	120	150	165	180	195	210	225	
12.5	20		80	120	160	200	220	240	260	280	300	
15	24		96	144	192	240	275	288	312	336	360	
17.5	28		112	168	224	280	319	336	364	392	420	
20	32		128	192	256	320	352	384	416	448	480	
25	40		160	240	320	400	440	480	520	650	600	

FR-80		Duty head 12 mtr., Discharge 220 Lpm. & Power 0.8 HP Per Stage									Outlet 2"	
HP	Stage	Lpm	380	360	325	270	240	220	200	170	100	
3	4	Head in mtr	16	24	32	40	44	48	52	56	60	
4	5		20	30	40	50	55	60	65	70	75	
5	6		24	36	48	60	66	72	78	84	90	
6	8		32	48	64	80	88	96	104	112	120	
7.5	10		40	60	80	100	110	120	130	140	150	
10	12		48	72	96	120	132	144	156	168	180	
12.5	15		60	90	120	150	165	180	195	210	225	
15	18		72	108	144	180	198	216	234	252	270	
17.5	22		88	132	176	220	231	264	286	308	330	
20	25		100	150	200	250	275	300	325	350	375	
25	30		120	180	240	300	330	360	390	420	450	

Note : Pumpset result (Output) may reduce due to pipeloss, Voltage & Frequency drop.

6"(150mm)**FOUNTAIN PUMPS****PERFORMANCE TABLE**

RPM:2850, freq. 50Hz @ Rated voltage

FR-100		Duty head 12 mtr., Discharge 180 Lpm. & Power 1.0 HP Per Stage									Outlet 2"
HP	Stage	Lpm	480	435	380	335	300	280	240	180	120
3	3	Head in mtr	12	18	24	30	33	36	39	42	45
4	4		16	24	32	40	44	48	52	56	60
5	5		20	30	40	50	55	60	65	70	75
6	6		24	36	48	60	66	72	78	84	90
7.5	8		32	48	64	80	88	96	104	112	120
10	10		40	60	80	100	110	120	130	140	150
12.5	12		48	72	96	120	132	144	156	168	180
15	15		60	90	120	150	165	180	195	210	225
17.5	17		68	102	136	170	187	204	221	238	255
20	20		80	120	160	200	220	240	260	280	300
25	25		100	150	200	250	275	300	325	350	375

FR-125		Duty head 12 mtr., Discharge 350 Lpm. & Power 1.25 HP Per Stage									Outlet 2.5"
HP	Stage	Lpm	550	510	460	400	370	350	300	250	150
3	2	Head in mtr	8	12	16	20	22	24	26	28	30
4	3		12	18	24	30	33	36	39	42	45
5	4		16	24	32	40	44	48	52	56	60
6	5		20	30	40	50	55	60	65	70	75
7.5	6		24	36	48	60	66	72	78	84	90
10	8		32	48	64	80	88	96	104	112	120
12.5	10		40	60	80	100	110	120	130	140	150
15	12		48	72	96	120	132	144	156	168	180
17.5	14		56	84	112	140	154	168	182	196	210
20	16		64	96	128	160	176	192	208	224	240
25	20		80	120	160	200	220	240	260	280	300

FR-150		Duty head 12 mtr., Discharge 400 Lpm. & Power 1.5 HP Per Stage									Outlet 2.5"
HP	Stage	Lpm	800	700	600	540	480	400	350	290	210
3	2	Head in mtr	4	8	12	16	20	24	26	28	30
5	3		6	12	18	24	30	36	39	42	45
6	4		8	16	24	32	40	48	52	56	60
7.5	5		10	20	30	40	50	60	65	70	75
10	7		14	28	42	56	70	84	91	98	105
12.5	8		16	32	48	64	80	90	104	112	120
15	10		20	40	60	80	100	120	130	140	150
17.5	12		24	48	72	96	120	144	156	168	180
20	13		26	52	78	104	130	156	169	182	195



6" (150mm)



FOUNTAIN PUMPS

PERFORMANCE TABLE

RPM:2850, freq. 50Hz @ Rated voltage



FM-100		Duty head 8 mtr., Discharge 400 Lpm. & Power 1.0 HP Per Stage									Outlet 2.5"	
HP	Stage	Lpm	600	560	520	500	450	400	320	200	100	
3	3	Head in mtr	7	13	18	22	24	33	38	43	45	
4	4		9	17	24	30	32	44	51	58	60	
5	5		11	22	30	38	40	46	53	61	63	
6	6		13	26	36	46	48	55	64	73.2	75	
7.5	7		15	30	42	53	56	64	75	85.4	88	
10	10		22	44	60	76	80	91	107	122	125	
12.5	12		26	52	72	91	96	110	128	146.4	150	
15	15		32	65	90	114	120	137	160	183	188	
17.5	17		37	74	102	130	136	155	181	207.4	213	
20	20		43	87	120	152	160	183	213	244	250	

FM-125		Duty head 8 mtr., Discharge 500 Lpm. & Power 1.25 HP Per Stage									Outlet 2.5"	
HP	Stage	Lpm	650	600	550	520	480	430	350	225	125	
3	2	Head in mtr	8	12	16	20	22	24	26	28	30	
4	3		7	13	18	22	24	27	32	36	38	
5	4		9	17	24	30	32	37	43	48	50	
6	5		11	22	30	38	40	46	53	61	63	
7.5	6		13	26	36	46	48	55	64	73	75	
10	8		17	35	48	61	64	73	85	98	100	
12.5	10		22	44	60	76	80	91	107	122	125	
15	12		36	52	72	91	96	110	128	146	150	
17.5	14		30	61	84	107	112	128	149	171	175	
20	16		34	70	96	122	128	146	171	195	200	

FM-150		Duty head 8 mtr., Discharge 600 Lpm. & Power 1.5 HP Per Stage									Outlet 2.5"	
HP	Stage	Lpm	850	800	750	700	650	550	500	450	350	
3	2	Head in mtr	8	10	12	14	15	16	17	18	20	
5	3		12	15	18	21	22	24	25	27	30	
6	4		16	20	24	28	30	32	34	36	40	
7.5	5		20	25	30	35	38	40	42	45	50	
10	6		24	30	36	42	45	48	51	54	60	
12.5	8		32	40	38	56	60	64	68	72	80	
15	10		40	50	60	70	75	80	85	90	100	
17.5	12		48	60	72	84	90	96	102	108	120	
20	13		68	85	102	120	128	136	145	153	170	

FM-200		Duty head 8 mtr., Discharge 750 Lpm. & Power 2.0 HP Per Stage									Outlet 3"	
HP	Stage	Lpm	1000	900	800	750	700	600	500	400	300	
5	3	Head in mtr	15	20	24	26	28	31	33	35	37	
7.4	4		20	27	32	34	37	41	44	46	49	
10	5		25	34	41	43	46	51	55	58	61	
12.5	6		30	40	49	52	55	61	66	70	73	
15	8		40	54	65	69	74	82	88	93	98	
17.5	9		45	60	73	77	83	92	99	104	110	
20	10		50	67	81	86	92	102	110	116	122	

Note : Pumpset result (Output) may reduce due to pipeloss, Voltage & Frequency drop.

Head Losses & Cable Selection



FOUNTAIN PUMPS

HEAD LOSSES IN HORIZANTLY WATER PIPES

QUANTITY OF WATER		NOMINAL PIPE DIAMETER IN ENCHES								
LPM	LPS	1"	1.25"	1.5"	2"	2.5"	3"	4"	5"	6"
100	1.67	46.49	11.9	5.975	1.875	0.542	0.244			
150	2.5		25.11	12.53	3.903	1.124	0.506	0.14		
200	3.33		42.75	21.36	6.624	1.901	0.855	1.234	0.084	
250	4.17		64.86	32.32	10.03	2.86	1.282	0.35	0.126	
300	5			45.52	14.04	4.009	1.792	0.488	0.175	0.074
400	6.67			78.17	24.04	6.828	3.053	0.829	0.294	0.124
500	8.33				36.71	10.4	4.622	1.254	0.445	0.187
600	10				51.84	14.62	6.505	1.757	0.623	0.26
700	11.7					19.52	8.693	2.345	0.8831	0.347
800	13.3					25.2	11.18	3.009	1.066	0.445
900	15					31.51	13.97	3.762	1.328	0.555
1000	17.7					38.43	17.06	4.595	1.616	0.674
1200	20.8						26.1	7.01	2.458	1.027
1500	25						36.97	9.893	3.458	1.444

220-240V~50Hz single phase capacitor operating submersible motor in well

Size	Kw	HP	Amp	1.5mm ²	2.5mm ²	4mm ²	6mm ²	10mm ²
4"	0.37	0.5	4	111	185	295		
	0.55	0.75	6	80	133	211	315	
	0.75	1	8	58	96	153	229	377
	1.1	1.5	10	48	79	120	190	316
	1.5	2	12	34	57	92	137	228
	2.2	3	15		43	68	102	169

380-415V~50Hz Three phase synchronous operating submersible motor in well

Size	Kw	HP	Amp	1.5mm ²	2.5mm ²	4mm ²	6mm ²	10mm ²
4"	0.37	0.5	2	768				
	0.55	0.75	2.5	489	811			
	0.75	1	3.5	415	691			
	1.1	1.5	4	281	467	744		
	1.5	2	5	219	363	579	862	
	2.2	3	6	153	254	405	605	997

380-415V~50Hz Three phase synchronous operating submersible motor in well

Size	Kw	HP	Amp	1.5mm ²	2.5mm ²	4mm ²	6mm ²	10mm ²	16mm ²	25mm ²	35mm ²
6"	3.7	5	8	113	188	300	447	736			
	4	6	10	89	147	235	350	578	909		
	5.5	7.5	12	66	109	174	260	427	671		
	7.5	10	16	49	81	130	193	319	501	746	
	9.2	12.5	22		65	103	154	254	400	611	833
	11	15	26		56	89	133	219	345	526	719
	15	20	32			66	98	161	254	729	974
	18.5	25	38				80	132	208	317	432

- 1 If it is used the star- delta connection to start the motor that the current will reduce N3 ($1/\sqrt{3}$), so the length of cable can increase N3 ($L * 1.73$) then the data in table.
- 2 For example in fact the current of submersible pump is lower than the load current 10%, the length of cable can be longer 10% than the data in table.
- 3 In order to reduce operating loss as far as possible, select the cross section can much increase then the data in table. Especially for the condition which operating voltage is lower than the rated voltage.

Terms and Condition



- ◆ Price are subject to change without any prior notice.
- ◆ once sold goods will not be taken back or replaced under any circumstances.
- ◆ Supply period of material would be 7-8 days from the date of order receipt/confirm.
- ◆ We are not responsible for any losses or any breakages during transportation.
- ◆ We do not allow any credit facility ,payment must be in advance or document through nationalized bank only.
- ◆ In the case of repayment/ refreshment, all the transportation charges are to be paid by dealer and all the charges of short received part will be debited to dealers account.
- ◆ If payment is not received within 30 days from the date of bill ,interest @24% p.a. will be charged after 30 days from date of bill.
- ◆ If bank document do not retire within 45 days from the date of bill, same will be recalled thereafter immediately and material will be rebooked all expenses in this regards shall be debited to dealer's / distributors account and shall be deducted from dealers / distributors deposit advance.
- ◆ st/cst or any other taxes will be charged extra as applicable .
- ◆ Price are EX-Factory F.O.R. Indore (M.P.).
- ◆ If any change in our product, all right reserve to the manufacturer.
- ◆ All dispute are subject to INDORE jurisdiction only.

Issue date
Dealer's name
City
State

CAPACITOR VALVE			
HP	STARING	RUNNING	
		HIGH VOL	LOW VOL
0.5	80-100	30	36
0.75	100-200	36	51
1	120-150	51	61
1.5	150-200	61	72
2	200-250	72	86
3	200-250	100	136



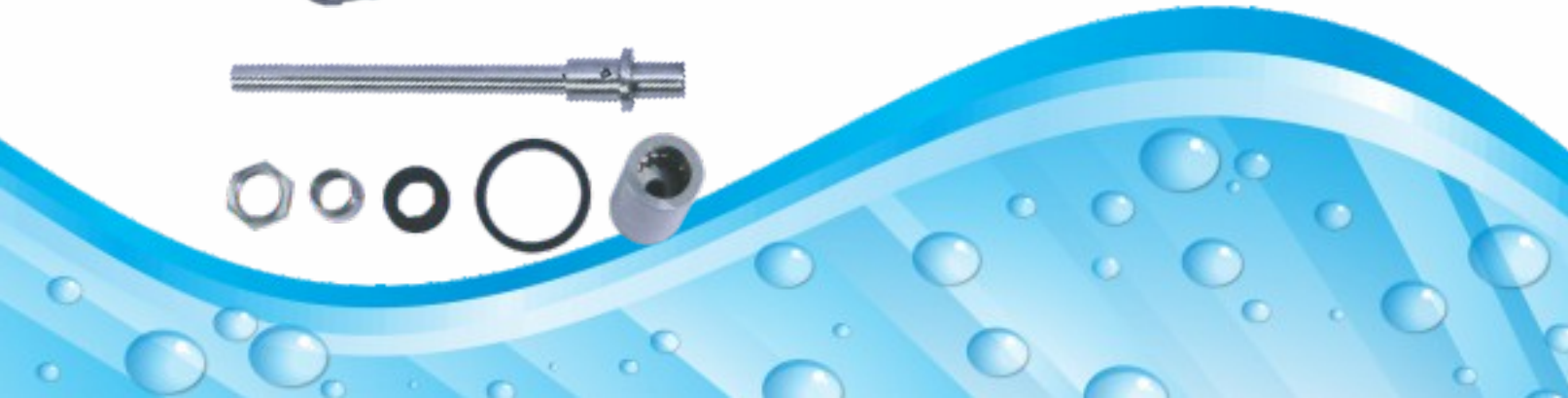
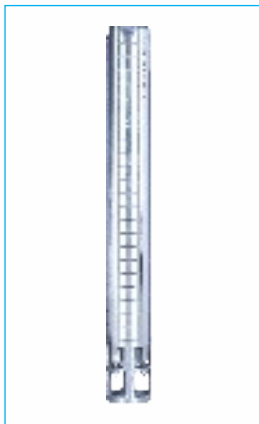
Other Products



Discover

Innovation

Excellence





ECO - FRIENDLY



MORE LIGHT WEIGHT



HIGHER ENERGY
SAVING



STRONGER



DIMENSIONALLY
ACCURATE



HIGH WORK ABILITY



QUICKER TO
ASSSEMBEL



NOISE LESS



LONGER LIFE



Award Winner Company



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