



MAXWELL™
RANGE OF PUMPS
An ISO 9001 : 2008 Company





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V4 Premium Series

Approximate performance chart of 100 mm (V-4) Water Filled Submersible Pump Set, At 2880 RPM, 200-240 Volts Single Phase / 415 Voltage Three Phase AC Supply 50 Hz Cycle

Suitable For 100 mm & above dia. Borewell

Maximum outside dia of pumpsets : 98 mm

Outlet : 25 mm / 32 mm				Head in Meter	DISCHARGE IN L.P.M.						
MODEL	H.P.	K.W.	STAGE		8	15	20	25	30	35	45
MCR - 1 ISI	0.50	0.37	8		42	38	35	32	28	20	16
MCR - 1	0.50	0.37	9	48	43	40	36	32	23	18	
MCR - 1 ISI	0.50	0.37	10	53	48	44	40	35	25	20	
MCR - 1	0.75	0.55	12	64	58	53	48	42	30	24	
MCR - 1	0.75	0.55	14	74	67	62	56	49	35	28	
MCR - 1 ISI	1.00	0.75	15	80	72	66	60	53	38	30	
MCR - 1 ISI	1.00	0.75	16	85	77	70	64	56	40	32	
MCR - 1	1.00	0.75	18	95	86	79	72	63	45	36	
MCR - 1 ISI	1.50	1.10	22	117	106	97	88	77	55	44	
MCR - 1 ISI	1.50	1.10	24	127	115	106	96	84	60	48	
MCR - 1	2.00	1.50	30	159	144	132	120	105	75	60	
MCR - 1	2.00	1.50	32	170	154	141	128	112	80	64	

Outlet : 32 mm				Head in Meter	DISCHARGE IN L.P.M.						
MODEL	H.P.	K.W.	STAGE		10	25	40	45	55	65	70
MCR - 2 ISI	0.50	0.37	7		39	35	32	28	25	18	14
MCR - 2 ISI	0.75	0.55	9	50	45	41	36	32	23	18	
MCR - 2 ISI	0.75	0.55	10	55	50	45	40	35	25	20	
MCR - 2	0.75	0.55	11	61	55	50	44	39	28	22	
MCR - 2 ISI	1.00	0.75	12	66	60	54	48	42	30	24	
MCR - 2 ISI	1.00	0.75	14	77	70	63	56	49	35	28	
MCR - 2 ISI	1.50	1.10	18	99	90	81	72	63	45	36	
MCR - 2 ISI	1.50	1.10	20	110	100	90	80	70	50	40	
MCR - 2 ISI	1.50	1.10	21	116	105	95	84	74	53	42	
MCR - 2	2.00	1.50	22	121	110	99	88	77	66	55	
MCR - 2 ISI	2.00	1.50	24	132	120	108	96	84	72	60	
MCR - 2 ISI	2.00	1.50	25	138	125	113	100	88	75	63	
MCR - 2 ISI	2.00	1.50	26	143	130	117	104	91	78	65	
MCR - 2	2.00	1.50	28	154	140	126	112	98	84	70	





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V4 Premium Series

Approximate performance chart of 100 mm (V-4) Water Filled Submersible Pump Set, At 2880 RPM, 200-240 Volts Single Phase / 415 Voltage Three Phase AC Supply 50 Hz Cycle

Suitable For 100 mm & above dia. Borewell

Maximum outside dia of pumpsets : 98 mm

Outlet : 32 mm & 38 mm				Head in Meter	DISCHARGE IN L.P.M.						
MODEL	H.P.	K.W.	STAGE		25	55	65	80	90	95	105
MCR - 4 ISI	0.50	0.37	5		28	25	23	20	18	15	13
MCR - 4	0.50	0.37	6		33	30	27	24	21	18	15
MCR - 4 ISI	0.75	0.55	7		39	35	32	28	25	21	18
MCR - 4 ISI	1.00	0.75	10		55	50	45	40	35	30	25
MCR - 4 ISI	1.50	1.10	12		66	60	54	48	42	36	30
MCR - 4 ISI	1.50	1.10	15		83	75	68	60	53	45	38
MCR - 4 ISI	2.00	1.50	18		99	90	81	72	63	54	43
MCR - 4 ISI	2.00	1.50	20		102	93	88	80	66	56	46
MCR - 4 ISI	3.00	2.20	25		129	121	105	100	88	75	63
MCR - 4	3.00	2.20	30		153	145	130	120	105	90	75
MCR - 4	4.00	3.00	35	173	165	155	140	123	105	88	
Outlet : 38 mm				Head in Meter	DISCHARGE IN L.P.M.						
MODEL	H.P.	K.W.	STAGE		35	65	85	95	105	120	130
MCR - 5 ISI	1.00	0.75	7		39	35	32	28	25	21	18
MCR - 5	1.00	0.75	8		44	40	36	32	24	20	16
MCR - 5 ISI	1.50	1.10	9		50	45	41	36	32	23	18
MCR - 5 ISI	1.50	1.10	10		55	50	45	40	35	30	25
MCR - 5 ISI	2.00	1.50	12		66	60	54	48	42	36	30
MCR - 5	2.00	1.50	15		83	75	68	60	53	45	38
MCR - 5 ISI	3.00	2.20	18		99	90	81	72	63	54	43
MCR - 5	3.00	2.20	20		102	93	88	80	66	56	46
MCR - 5	4.00	3.00	25		129	121	105	100	88	75	63
MCR - 5	5.00	3.70	30		153	145	130	120	105	90	75
MCR - 5	5.00	3.70	32	170	154	141	128	112	80	64	





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V4 Premium Series

Approximate performance chart of 100 mm (V-4) Water Filled Submersible Pump Set,
At 2880 RPM, 200-240 Volts Single Phase / 415 Voltage Three Phase AC Supply 50 Hz Cycle

Suitable For 100 mm & above dia. Borewell

Maximum outside dia of pumpsets : 98 mm

Outlet : 38 mm / 50 mm				Head in Meter	DISCHARGE IN L.P.M.						
MODEL	H.P.	K.W.	STAGE		105	120	140	160	175	190	210
MCR -7 ISI	1.00	0.75	5		28	25	23	20	15	13	10
MCR -7 ISI	1.50	1.10	7		37	34	30	28	21	18	14
MCR -7 ISI	2.00	1.50	8		44	40	36	32	24	20	16
MCR -7 ISI	2.00	1.50	10		55	50	45	40	30	25	20
MCR -7 ISI	3.00	2.20	12		66	60	54	48	36	30	24
MCR -7 ISI	3.00	2.20	15		80	75	68	60	45	38	30
MCR -7	4.00	3.00	18		96	86	81	72	54	45	36
MCR -7	5.00	3.70	20		104	96	90	80	60	50	40
MCR -7	5.00	3.70	25	130	120	113	100	75	63	50	

Outlet : 50 mm				Head in Meter	DISCHARGE IN L.P.M.						
MODEL	H.P.	K.W.	STAGE		120	145	190	225	245	260	275
MCR -12	1.50	1.10	5		25	23	18	15	13	10	8
MCR -12 ISI	2.00	1.50	6		30	27	21	18	15	12	9
MCR -12	3.00	2.20	9		45	41	32	27	23	18	14
MCR -12	3.00	2.20	10		50	45	35	30	25	20	15
MCR -12	4.00	3.00	12		60	54	42	36	30	24	18
MCR -12	5.00	3.70	16		80	72	56	48	40	32	24

Outlet : 50 mm				Head in Meter	DISCHARGE IN L.P.M.						
MODEL	H.P.	K.W.	STAGE		130	170	240	300	350	385	410
MCR -18	2.00	1.50	5		23	20	18	15	13	10	8
MCR -18	3.00	2.20	6		27	24	21	18	15	12	9
MCR -18	3.00	2.20	7		32	28	25	21	18	14	11
MCR -18	3.00	2.20	8		36	32	28	24	20	16	12
MCR -18	4.00	3.00	10		45	40	35	30	25	20	15
MCR -18	5.00	3.70	12		54	48	42	36	30	24	18
MCR -18	5.00	3.70	14		63	56	49	42	35	28	21

PANEL & RECOMMENDED CAPACITOR FOR V-4 SINGLE PHASE PUMPS SETS

H.P.	STARTING CAPACITOR	RUNNING CAPACITOR
0.50 & 0.75	100 - 120	36
1.00	120 - 150	36
1.50	150 - 200	36 + 36
2.00	200 - 250	36 + 36
3.00	200 - 250	36 + 36 + 36





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V4 Ultra Head Series

Approximate performance chart of 100 mm (V-4) Water Filled Submersible Pump Set, At 2880 RPM, 200-240 Volts Single Phase / 415 Voltage Three Phase AC Supply 50 Hz Cycle

Suitable For 100 mm & above dia. Borewell

Maximum outside dia of pumpsets : 98 mm

Outlet : 32 mm				Head in Meter	DISCHARGE IN L.P.M.						
MODEL	H.P.	K.W.	STAGE		10	20	30	40	50	55	60
NUH - 1	0.50	0.37	7		51	49	44	39	35	32	25
NUH - 1	0.75	0.55	9	65	63	56	50	45	41	32	
NUH - 1	1.00	0.75	13	94	91	81	72	65	59	46	
NUH - 1	1.50	1.10	17	123	119	106	94	85	77	60	
NUH - 1	2.00	1.50	23	161	156	144	127	115	104	81	
NUH - 1	3.00	2.20	28	193	186	175	154	140	126	98	
NUH - 1	4.00	3.00	32	220	210	200	176	160	144	112	

Outlet : 32 mm				Head in Meter	DISCHARGE IN L.P.M.						
MODEL	H.P.	K.W.	STAGE		30	45	63	75	82	90	100
NUH - 2	0.50	0.37	5		36	35	31	28	25	23	18
NUH - 2	0.75	0.55	7	51	49	44	39	35	32	25	
NUH - 2	1.00	0.75	9	65	63	56	50	45	41	32	
NUH - 2	1.50	1.10	13	94	91	81	72	65	59	46	
NUH - 2	2.00	1.50	16	116	112	100	88	80	72	56	
NUH - 2	3.00	2.20	20	145	140	125	110	100	90	70	
NUH - 2	4.00	3.00	25	181	175	156	138	125	113	88	
NUH - 2	5.00	3.70	30	218	210	188	165	150	135	105	



PANEL & RECOMMENDED CAPACITOR FOR V-4 SINGLE PHASE PUMPS SETS

H.P.	STARTING CAPACITOR	RUNNING CAPACITOR
0.50 & 0.75	100 - 120	36
1.00	120 - 150	36
1.50	150 - 200	36 + 36
2.00	200 - 250	36 + 36
3.00	200 - 250	36 + 36 + 36



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V4 Platinum Series

Approximate performance chart of 100 mm (V-4) Water Filled Submersible Pump Set,
At 2880 RPM, 200-240 Volts Single Phase / 415 Voltage Three Phase AC Supply 50 Hz Cycle

Suitable For 100 mm & above dia. Borewell

Maximum outside dia of pumpsets : 98 mm

Outlet : 25 mm & 32 mm				Head in Meter	DISCHARGE IN L.P.M.						
MODEL	H.P.	K.W.	STAGE		6	15	20	35	36	42	52
MCE - 1	0.50	0.37	8		44	40	36	32	24	20	16
MCE - 1	0.50	0.37	10		52	48	44	40	35	25	20
MCE - 1	0.75	0.55	12		58	55	52	48	38	30	24
MCE - 1	0.75	0.55	14		70	66	63	56	42	35	28
MCE - 1	1.00	0.75	15		72	70	67	60	45	37	30
MCE - 1	1.00	0.75	16		76	74	72	64	48	40	32
MCE - 1	1.00	0.75	18		96	86	81	72	63	45	36
MCE - 1	1.50	1.10	22		107	101	97	88	66	55	44

Outlet : 32 mm				Head in Meter	DISCHARGE IN L.P.M.						
MODEL	H.P.	K.W.	STAGE		15	25	30	40	50	60	68
MCE - 2	0.50	0.37	7		39	35	32	28	25	18	14
MCE - 2	0.75	0.55	10		55	50	45	40	35	25	20
MCE - 2	1.00	0.75	12		66	60	54	48	42	30	24
MCE - 2	1.00	0.75	14		77	70	63	56	49	35	28
MCE - 2	1.50	1.10	18		99	90	81	72	63	45	36
MCE - 2	1.50	1.10	20		98	94	90	80	70	50	40

Outlet : 32 mm & 38 mm				Head in Meter	DISCHARGE IN L.P.M.						
MODEL	H.P.	K.W.	STAGE		24	50	65	75	95	102	110
MCE - 4	0.50	0.37	5		28	26	23	20	18	15	13
MCE - 4	0.75	0.55	7		39	36	32	28	25	21	18
MCE - 4	1.00	0.75	10		55	49	45	40	35	30	25
MCE - 4	1.50	1.10	12		66	60	54	48	42	36	30
MCE - 4	1.50	1.10	15		81	73	68	60	53	45	38
MCE - 4	2.00	1.50	18		99	90	81	72	63	54	42
MCE - 4	2.00	1.50	20		102	93	88	80	66	56	46



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V4 Platinum Series

Approximate performance chart of 100 mm (V-4) Water Filled Submersible Pump Set,
At 2880 RPM, 200-240 Volts Single Phase / 415 Voltage Three Phase AC Supply 50 Hz Cycle

Suitable For 100 mm & above dia. Borewell

Maximum outside dia of pumpsets : 98 mm

Outlet : 38 mm				Head in Meter	DISCHARGE IN L.P.M.						
MODEL	H.P.	K.W.	STAGE		30	60	80	85	105	120	130
MCE - 5	0.75	0.55	5		28	26	23	20	18	16	13
MCE - 5	1.00	0.75	8		44	40	36	32	28	25	20
MCE - 5	1.50	1.10	10		53	49	43	40	36	31	26
MCE - 5	2.00	1.50	12		63	59	55	48	43	37	31
MCE - 5	2.00	1.50	14		74	68	64	56	50	43	36
MCE - 5	2.00	1.50	15		80	73	69	60	54	47	39

Outlet : 38 mm & 50 mm				Head in Meter	DISCHARGE IN L.P.M.						
MODEL	H.P.	K.W.	STAGE		55	85	110	120	135	148	170
MCE - 7	0.75	0.55	4		22	20	18	16	14	12	10
MCE - 7	1.00	0.75	5		28	26	23	20	18	16	13
MCE - 7	1.50	1.10	7		39	36	32	28	25	22	18
MCE - 7	2.00	1.50	8		45	41	37	32	29	25	21
MCE - 7	2.00	1.50	10	56	51	46	40	36	31	26	

Outlet : 50 mm				Head in Meter	DISCHARGE IN L.P.M.						
MODEL	H.P.	K.W.	STAGE		80	120	165	180	200	215	230
MCE - 12	1.50	1.10	5		25	22	17	15	12	10	8
MCE - 12	2.00	1.50	6		30	27	21	18	15	12	9
MCE - 12	2.00	1.50	7	35	31	24	21	17	14	11	

Outlet : 50 mm					DISCHARGE IN L.P.M.						
MODEL	H.P.	K.W.	STAGE		110	160	190	230	300	340	360
MCE - 18	2.00	1.50	5	25	22	17	15	13	10	7	



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