

4J - SERIES

4" BOREHOLE SUBMERSIBLES - PREMIUM RANGE - RADIAL FLOW - 1 PHASE

MODEL : ER40HJ				OUTLET : 32mm (1.25")							
PRODUCT CODE	STAGES	HP	Q - m ³ /hr	0	0.6	0.9	1.2	1.5	1.8	2.1	
			Q - LPM	0	10	15	20	25	30	35	
M4WCP005CMP5 + 500544JNNR001515	15	0.75	Total Head in Metres	95	86	80	71	60	43	30	
M4WCP007CMP5 + 500744JNNR001520	20	1		126	114	103	92	78	63	47	
M4WCP011CMP5 + 501144JNNR001525	25	1.5		157	143	129	115	98	79	59	
M4WCP011CMP5 + 501144JNNR001530	30	1.5		188	171	155	138	117	95	71	
M4WCP015CMP5 + 501544JNNR001535	35	2		220	200	180	161	137	110	82	
M4WCP015CMP5 + 501544JNNR001540	40	2		252	228	206	184	156	126	94	

MODEL : ER41J				OUTLET : 32mm (1.25")							
PRODUCT CODE	STAGES	HP	Q - m ³ /hr	0	1.5	1.8	2.1	2.4	2.7	3	
			Q - LPM	0	25	30	35	40	45	50	
M4WCP005CMP5 + 500544JNNR002410	10	0.75	Total Head in Metres	50	46	44	41	37	33	27	
M4WCP005CMP5 + 500544JNNR002412	12	0.75		61	55	53	49	44	40	32	
M4WCP007CMP5 + 500744JNNR002412	12	1		62	56	54	50	45	41	33	
M4WCP007CMP5 + 500744JNNR002415	15	1		80	70	67	63	57	50	42	
M4WCP011CMP5 + 501144JNNR002420	20	1.5		100	92	89	84	76	66	56	
M4WCP015CMP5 + 501544JNNR002425	25	2		128	115	111	104	94	83	70	

MODEL : ER41HJ				OUTLET : 32mm (1.25")							
PRODUCT CODE	STAGES	HP	Q - m ³ /hr	0	0.9	1.2	1.5	1.8	2.1	2.4	
			Q - LPM	0	15	20	25	30	35	40	
M4WCP003CMP5 + 500344JNNR001809	9	0.5	Total Head in Metres	69	63	59	52	47	37	32	
M4WCP005CMP5 + 500544JNNR001810	10	0.75		78	70	66	58	52	41	35	
M4WCP005CMP5 + 500544JNNR001812	12	0.75		86	76	70	62	56	45	38	
M4WCP007CMP5 + 500744JNNR001815	15	1		103	94	88	78	70	56	47	
M4WCP011CMP5 + 501144JNNR001818	18	1.5		129	113	105	94	84	68	57	
M4WCP011CMP5 + 501144JNNR001820	20	1.5		143	126	117	104	93	75	63	
M4WCP015CMP5 + 501544JNNR001825	25	2		174	157	146	130	116	94	79	
M4WCP015CMP5 + 501544JNNR001830	30	2		206	188	176	156	140	112	94	
M4WCP022CMP5 + 502244JNNR001835	35	3		242	220	205	182	163	131	110	
M4WCP022CMP5 + 502244JNNR001840	40	3		280	252	234	208	186	150	126	



4J - SERIES

4" BOREHOLE SUBMERSIBLES - PREMIUM RANGE - RADIAL FLOW - 1 PHASE



MODEL : ER42HJ			OUTLET : 40mm (1.5")							
PRODUCT CODE	STAGES	HP	Q - m ³ /hr	0	1.2	1.8	2.4	3	3.6	4.2
			Q - LPM	0	20	30	40	50	60	70
M4WCP007CMP5 + 500744JNNR003008	8	1	Total Head in Metres	66	62	59	55	48	40	30
M4WCP007CMP5 + 500744JNNR003010	10	1		83	78	74	69	60	50	38
M4WCP011CMP5 + 501144JNNR003014	14	1.5		116	109	104	96	84	70	53
M4WCP015CMP5 + 501544JNNR003016	16	2		133	125	119	110	96	80	60
M4WCP022CMP5 + 502244JNNR003020	20	3		162	157	149	138	120	100	75
M4WCP022CMP5 + 502244JNNR003024	24	3		192	188	179	165	144	120	90

MODEL : ER42J			OUTLET : 40mm (1.5")							
PRODUCT CODE	STAGES	HP	Q - m ³ /hr	0	2.4	3	3.6	4.2	4.8	5.4
			Q - LPM	0	40	50	60	70	80	90
M4WCP003CMP5 + 500344JNNR004806	6	0.5	Total Head in Metres	34	30	27	26	22	18	15
M4WCP005CMP5 + 500544JNNR004808	8	0.75		46	39	36	34	29	24	20
M4WCP007CMP5 + 500744JNNR004810	10	1		57	49	45	43	36	30	25
M4WCP011CMP5 + 501144JNNR004815	15	1.5		86	74	68	65	54	45	38
M4WCP015CMP5 + 501544JNNR004820	20	2		114	98	90	86	72	60	50
M4WCP022CMP5 + 502244JNNR004824	24	3		132	118	108	103	87	72	60
M4WCP022CMP5 + 502244JNNR004828	28	3		154	137	126	120	101	84	70
M4WCP022CMP5 + 502244JNNR004830	30	3		165	147	135	129	108	90	75

MODEL : ER43KJ			OUTLET : 40mm (1.5")							
PRODUCT CODE	STAGES	HP	Q - m ³ /hr	0	2.4	3.6	4.8	6	7.2	8.4
			Q - LPM	0	40	60	80	100	120	140
M4WCP005CMP5 + 500544JNNR006006	6	0.75	Total Head in Metres	36	32	30	28	24	20	14
M4WCP007CMP5 + 500744JNNR006009	9	1		54	48	45	42	36	30	21
M4WCP011CMP5 + 501144JNNR006012	12	1.5		72	64	60	56	48	40	28
M4WCP015CMP5 + 501544JNNR006015	15	2		90	80	75	70	60	50	35
M4WCP022CMP5 + 502244JNNR006018	18	3		104	95	90	83	72	60	42

4J - SERIES

4" BOREHOLE SUBMERSIBLES - PREMIUM RANGE - RADIAL FLOW - 1 PHASE

MODEL : ER43J				OUTLET : 40mm (1.5")							
PRODUCT CODE	STAGES	HP	Q - m ³ /hr	0	3.6	4.8	6	7.2	8.4	9.6	
			Q - LPM	0	60	80	100	120	140	160	
M4WCP007CMP5 + 500744JNNR007206	6	1	Total Head in Metres	39	36	34	32	29	23	16	
M4WCP011CMP5 + 501144JNNR007209	9	1.5		59	54	51	48	43	34	23	
M4WCP015CMP5 + 501544JNNR007212	12	2		78	72	69	65	58	46	31	
M4WCP022CMP5 + 502244JNNR007215	15	3		98	90	86	81	72	57	39	

MODEL : ER45J				OUTLET : 50mm (2")							
PRODUCT CODE	STAGES	HP	Q - m ³ /hr	0	4.5	6	7.5	9	10.5	12	
			Q - LPM	0	75	100	125	150	175	200	
M4WCP011CMP5 + 501144JNNR009007	7	1.5	Total Head in Metres	36	33	31	29	24	19	14	
M4WCP015CMP5 + 501544JNNR009010	10	2		54	48	45	41	35	27	20	
M4WCP022CMP5 + 502244JNNR009015	15	3		81	72	67	61	52	40	30	



4" BOREHOLE SUBMERSIBLES - PREMIUM RANGE - MIXED FLOW - 1 PHASE

MODEL : EM41J				OUTLET : 50mm (2")							
PRODUCT CODE	STAGES	HP	Q - m ³ /hr	0	9	12	15	18	21	24	
			Q - LPM	0	150	200	250	300	350	400	
M4WCP015CMP5 + 501544JNNM018006	6	2	Total Head in Metres	31	27	25	20	16	11	6	
M4WCP022CMP5 + 502244JNNM018008	8	3		42	36	33	27	21	14	7	
M4WCP022CMP5 + 502244JNNM018010	10	3		52	45	41	34	26	18	10	

MODEL : EM41KJ				OUTLET : 65mm (2.5")							
PRODUCT CODE	STAGES	HP	Q - m ³ /hr	0	9	12	15	18	21	24	
			Q - LPM	0	150	200	250	300	350	400	
M4WCP022CMP5 + 502244JNNM021008	8	3	Total Head in Metres	43	36	33	30	26	21	15	
M4WCP022CMP5 + 502244JNNM021010	10	3		54	45	41	37	32	26	19	

4J - SERIES

4" BOREHOLE SUBMERSIBLES - PREMIUM RANGE - RADIAL FLOW - 3 PHASE

MODEL : ER40HJ			OUTLET : 32mm (1.25")								
PRODUCT CODE	STAGES	HP	Q - m ³ /hr	0	0.6	0.9	1.2	1.5	1.8	2.1	
			Q - LPM	0	10	15	20	25	30	35	
M4WCP007CTS5 + 500744JNNR001520	20	1	Total Head in Metres	126	114	103	92	78	63	47	
M4WCP011CTS5 + 501144JNNR001525	25	1.5		157	143	129	115	98	79	59	
M4WCP011CTS5 + 501144JNNR001530	30	1.5		188	171	155	138	117	95	71	
M4WCP015CTS5 + 501544JNNR001535	35	2		220	200	180	161	137	110	82	
M4WCP015CTS5 + 501544JNNR001540	40	2		252	228	206	184	156	126	94	

MODEL : ER41J			OUTLET : 32mm (1.25")							
PRODUCT CODE	STAGES	HP	Q - m ³ /hr	0	1.5	1.8	2.1	2.4	2.7	3
			Q - LPM	0	25	30	35	40	45	50
M4WCP007CTS5 + 500744JNNR002412	12	1	Total Head in Metres	62	56	54	50	45	41	33
M4WCP007CTS5 + 500744JNNR002415	15	1		80	70	67	63	57	50	42
M4WCP011CTS5 + 501144JNNR002420	20	1.5		100	92	89	84	76	66	56
M4WCP015CTS5 + 501544JNNR002425	25	2		128	115	111	104	94	83	70

MODEL : ER41HJ			OUTLET : 32mm (1.25")							
PRODUCT CODE	STAGES	HP	Q - m ³ /hr	0	0.9	1.2	1.5	1.8	2.1	2.4
			Q - LPM	0	15	20	25	30	35	40
M4WCP007CTS5 + 500744JNNR001815	15	1	Total Head in Metres	103	94	88	78	70	56	47
M4WCP011CTS5 + 501144JNNR001818	18	1.5		129	113	105	94	84	68	57
M4WCP011CTS5 + 501144JNNR001820	20	1.5		143	126	117	104	93	75	63
M4WCP015CTS5 + 501544JNNR001825	25	2		174	157	146	130	116	94	79
M4WCP015CTS5 + 501544JNNR001830	30	2		206	188	176	156	140	112	94
M4WCP022CTS5 + 502244JNNR001835	35	3		242	220	205	182	163	131	110
M4WCP022CTS5 + 502244JNNR001840	40	3		280	252	234	208	186	150	126
M4WCP030CTS5 + 503044JNNR001845	45	4		315	283	263	234	209	169	142
M4WCP037CTS5 + 503744JNNR001850	50	5		350	314	292	260	232	188	158



4J - SERIES

4" BOREHOLE SUBMERSIBLES - PREMIUM RANGE - RADIAL FLOW - 3 PHASE

MODEL : ER42HJ				OUTLET : 40mm (1.5")							
PRODUCT CODE	STAGES	HP	Q - m ³ /hr	0	1.2	1.8	2.4	3	3.6	4.2	
			Q - LPM	0	20	30	40	50	60	70	
M4WCP007CTS5 + 500744JNNR003008	8	1	Total Head in Metres	66	62	59	55	48	40	30	
M4WCP007CTS5 + 500744JNNR003010	10	1		83	78	74	69	60	50	38	
M4WCP011CTS5 + 501144JNNR003014	14	1.5		116	109	104	96	84	70	53	
M4WCP015CTS5 + 501544JNNR003016	16	2		133	125	119	110	96	80	60	
M4WCP022CTS5 + 502244JNNR003020	20	3		162	157	149	138	120	100	75	
M4WCP022CTS5 + 502244JNNR003024	24	3		192	188	179	165	144	120	90	
M4WCP030CTS5 + 503044JNNR003032	32	4		256	250	238	220	192	160	120	
M4WCP037CTS5 + 503744JNNR003040	40	5		320	313	298	275	240	200	150	
M4WCP045CTS5 + 504544JNNR003050	50	6		400	390	370	345	300	250	190	

MODEL : ER42J				OUTLET : 40mm (1.5")							
PRODUCT CODE	STAGES	HP	Q - m ³ /hr	0	2.4	3	3.6	4.2	4.8	5.4	
			Q - LPM	0	40	50	60	70	80	90	
M4WCP007CTS5 + 500744JNNR004810	10	1	Total Head in Metres	57	49	45	43	36	30	25	
M4WCP011CTS5 + 501144JNNR004815	15	1.5		86	74	68	65	54	45	38	
M4WCP015CTS5 + 501544JNNR004820	20	2		114	98	90	86	72	60	50	
M4WCP022CTS5 + 502244JNNR004824	24	3		132	118	108	103	87	72	60	
M4WCP022CTS5 + 502244JNNR004828	28	3		154	137	126	120	101	84	70	
M4WCP022CTS5 + 502244JNNR004830	30	3		165	147	135	129	108	90	75	

MODEL : ER43KJ				OUTLET : 40mm (1.5")							
PRODUCT CODE	STAGES	HP	Q - m ³ /hr	0	2.4	3.6	4.8	6	7.2	8.4	
			Q - LPM	0	40	60	80	100	120	140	
M4WCP007CTS5 + 500744JNNR006009	9	1	Total Head in Metres	54	48	45	42	36	30	21	
M4WCP011CTS5 + 501144JNNR006012	12	1.5		72	64	60	56	48	40	28	
M4WCP015CTS5 + 501544JNNR006015	15	2		90	80	75	70	60	50	35	
M4WCP022CTS5 + 502244JNNR006018	18	3		104	95	90	83	72	60	42	
M4WCP030CTS5 + 503044JNNR006021	21	4		121	111	105	97	84	70	49	
M4WCP030CTS5 + 503044JNNR006024	24	4		138	127	120	111	96	80	56	
M4WCP030CTS5 + 503044JNNR006027	27	4		155	143	135	125	108	90	63	
M4WCP037CTS5 + 503744JNNR006030	30	5		173	159	150	139	120	100	70	
M4WCP037CTS5 + 503744JNNR006035	35	5		201	186	175	162	140	117	82	



4J - SERIES

4" BOREHOLE SUBMERSIBLES - PREMIUM RANGE - RADIAL FLOW - 3 PHASE



MODEL : ER43J			OUTLET : 40mm (1.5")								
PRODUCT CODE	STAGES	HP	Q - m ³ /hr	0	3.6	4.8	6	7.2	8.4	9.6	
			Q - LPM	0	60	80	100	120	140	160	
M4WCP007CTS5 + 500744JNNR007206	6	1	Total Head in Metres	39	36	34	32	29	23	16	
M4WCP011CTS5 + 501144JNNR007209	9	1.5		59	54	51	48	43	34	23	
M4WCP015CTS5 + 501544JNNR007212	12	2		78	72	69	65	58	46	31	
M4WCP022CTS5 + 502244JNNR007215	15	3		98	90	86	81	72	57	39	
M4WCP030CTS5 + 503044JNNR007218	18	4		117	108	103	97	86	68	47	
M4WCP037CTS5 + 503744JNNR007221	21	5		137	126	120	113	101	80	54	
M4WCP037CTS5 + 503744JNNR007224	24	5		150	144	137	129	115	91	62	
M4WCP037CTS5 + 503744JNNR007225	25	5		158	150	143	134	120	95	65	
M4WCP045CTS5 + 504544JNNR007227	27	6		170	162	154	145	129	102	70	
M4WCP045CTS5 + 504544JNNR007230	30	6		189	180	171	161	144	114	78	

MODEL : ER45J			OUTLET : 50mm (2")							
PRODUCT CODE	STAGES	HP	Q - m ³ /hr	0	4.5	6	7.5	9	10.5	12
			Q - LPM	0	75	100	125	150	175	200
M4WCP011CTS5 + 501144JNNR009007	7	1.5	Total Head in Metres	36	33	31	29	24	19	14
M4WCP015CTS5 + 501544JNNR009010	10	2		54	48	45	41	35	27	20
M4WCP022CTS5 + 502244JNNR009015	15	3		81	72	67	61	52	40	30
M4WCP030CTS5 + 503044JNNR009020	20	4		108	96	90	82	70	54	40
M4WCP037CTS5 + 503744JNNR009025	25	5		135	120	112	102	87	67	50
M4WCP045CTS5 + 504544JNNR009030	30	6		162	144	135	123	105	81	60

MODEL : ER46J			OUTLET : 40mm (1.5")							
PRODUCT CODE	STAGES	HP	Q - m ³ /hr	0	3	3.6	4.2	5.4	6.6	7.2
			Q - LPM	0	50	60	70	90	110	120
M4WCP037CTS5 + 503744JNNR005437	37	5	Total Head in Metres	204	182	170	157	122	81	58
M4WCP045CTS5 + 504544JNNR005440	40	6		220	197	184	170	132	88	63
M4WCP045CTS5 + 504544JNNR005444	44	6		242	216	202	187	145	96	69

4J - SERIES

4" BOREHOLE SUBMERSIBLES - PREMIUM RANGE - MIXED FLOW - 3 PHASE

MODEL : EM41J			OUTLET : 50mm (2")							
PRODUCT CODE	STAGES	HP	Q - m ³ /hr	0	9	12	15	18	21	24
			Q - LPM	0	150	200	250	300	350	400
M4WCP015CTS5 + 501544JNNM018006	6	2	Total Head in Metres	31	27	25	20	16	11	6
M4WCP022CTS5 + 502244JNNM018008	8	3		42	36	33	27	21	14	7
M4WCP022CTS5 + 502244JNNM018010	10	3		52	45	41	34	26	18	10
M4WCP037CTS5 + 503744JNNM018012	12	5		63	54	49	41	32	25	15
M4WCP037CTS5 + 503744JNNM018014	14	5		74	64	59	51	44	36	26
M4WCP045CTS5 + 504544JNNM018014	14	6		75	65	60	52	45	37	27

MODEL : EM41KJ			OUTLET : 65mm (2.5")							
PRODUCT CODE	STAGES	HP	Q - m ³ /hr	0	9	12	15	18	21	24
			Q - LPM	0	150	200	250	300	350	400
M4WCP022CTS5 + 502244JNNM021008	8	3	Total Head in Metres	43	36	33	30	26	21	15
M4WCP022CTS5 + 502244JNNM021010	10	3		54	45	41	37	32	26	19
M4WCP037CTS5 + 503744JNNM021012	12	5		64	54	49	44	39	31	23
M4WCP045CTS5 + 504544JNNM021014	14	6		75	65	60	52	45	37	27

CAPACITOR RECOMMENDED SINGLE PHASE				
SI.NO	HP	kW	STARTING (MFD)	RUNNING (MFD)
1	0.5	0.37	120 / 150	25
2	0.75	0.55	120 / 150	25
3	1.0	0.75	120 / 150	25
4	1.5	1.1	150 / 200	36
5	2.0	1.5	200 / 250	50



- Note :**
1. Pumpset result (output) may reduced due to pipe loss, voltage & frequency drop.
 2. Due to continuous improvements, specifications, and design are subject to change without notice.

Before lowering the pump unit, smooth out any rough spot or sharp edges on the top lip of bore casing to prevent damage to the pump or power cable when lowering the unit into the bore.