

## V6 RADIAL FLOW SUBMERSIBLE PUMP SET

### PERFORMANCE CHART OF 150 MM (6") WATER FILLED SUBMERSIBLE PUMP 50HZ FREQUENCY, 350 TO 415 VOLTS

MOTOR DIA : 142 MM

MODEL	H.P	STAGE	OUTLET			DISCHARGE IN LPM							
			INCH	MM		0	50	80	100	120	140	160	180
VEW-30/10	3	10	2"	50	HEAD IN METER	110	98	95	90	85	80	75	70
VEW-30/12	4	12	2"	50		132	118	114	108	102	96	90	84
VEW-30/15	5	15	2"	50		165	148	142	135	128	120	113	105
VEW-30/18	6	18	2"	50		198	178	171	162	153	144	135	126
VEW-30/24	7.5	24	2"	50		264	238	228	216	204	192	180	168
VEW-30/30	10	30	2"	50		330	298	285	270	255	240	225	210
VEW-30/35	12.5	35	2"	50		385	348	333	315	297	280	262	245

MODEL	H.P	STAGE	OUTLET			DISCHARGE IN LPM							
			INCH	MM		0	70	100	120	140	160	180	200
VEW-40/5	2	5	2"	50	HEAD IN METER	55	50	47	45	43	40	38	35
VEW-40/7	3	7	2"	50		77	70	67	63	60	56	53	49
VEW-40/8	3	8	2"	50		88	80	76	72	68	64	60	56
VEW-40/10	4	10	2"	50		110	100	95	90	85	80	75	70
VEW-40/12	5	12	2"	50		132	120	114	108	102	96	90	84
VEW-40/14	6	14	2"	50		154	140	133	126	119	112	105	98
VEW-40/15	6	15	2"	50		165	148	141	134	127	120	112	105
VEW-40/16	6	16	2"	50		176	158	150	142	134	126	118	110
VEW-40/18	7.5	18	2"	50		198	180	171	162	153	144	135	126
VEW-40/20	7.5	20	2"	50		220	198	190	178	168	158	148	138
VEW-40/22	7.5	22	2"	50		242	210	200	190	180	170	159	148
VEW-40/24	10	24	2"	50		264	240	220	205	192	185	168	156
VEW-40/25	10	25	2"	50		275	250	229	213	200	192	175	163
VEW-40/26	10	26	2"	50		286	260	238	221	208	200	182	170
VEW-40/30	12.5	30	2"	50		330	298	285	270	255	240	225	210
VEW-40/35	15	35	2"	50		385	348	333	315	297	280	262	245

MODEL	H.P	STAGE	OUTLET			DISCHARGE IN LPM							
			INCH	MM		0	100	130	160	190	220	230	260
VEW-50/4	2	4	2"	50	HEAD IN METER	48	40	38	36	34	32	30	28
VEW-50/6	3	6	2"	50		72	60	57	54	51	48	45	42
VEW-50/7	4	7	2"	50		84	70	67	63	60	56	53	49
VEW-50/8	4	8	2"	50		96	80	76	72	68	64	60	56
VEW-50/9	5	9	2"	50		108	90	86	81	77	72	68	63
VEW-50/10	5	10	2"	50		120	100	95	90	85	80	75	70
VEW-50/11	6	11	2"	50		132	110	105	99	94	88	83	77
VEW-50/12	6	12	2"	50		144	120	114	108	102	96	90	84

VEW-50/14	7.5	14	2"	50	168	140	133	126	119	112	105	98
VEW-50/15	7.5	15	2"	50	180	150	143	135	128	120	113	105
VEW-50/16	7.5	16	2"	50	192	158	150	142	134	126	118	110
VEW-50/18	10	18	2"	50	216	180	171	162	153	144	135	126
VEW-50/20	10	20	2"	50	240	200	190	180	170	160	150	140
VEW-50/22	10	22	2"	50	264	210	200	190	180	170	159	148
VEW-50/22	12.5	22	2"	50	264	218	207	196	185	174	163	152
VEW-50/24	12.5	24	2"	50	288	240	228	216	204	192	180	168
VEW-50/28	15	28	2"	50	336	280	266	238	224	210	196	182
VEW-50/30	15	30	2"	50	360	300	285	255	240	225	210	195
VEW-50/35	20	35	2"	50	420	350	332	315	297	280	262	245
VEW-50/40	25	40	2"	50	480	400	380	360	340	320	300	280

BORE SIZE : 150 MM					MODEL : 138 MM				MOTOR DIA : 142 MM				
MODEL	H.P	STAGE	OUTLET			DISCHARGE IN LPM							
			INCH	MM		0	160	180	200	220	240	260	280
VEW-60/5	3	5	2"	50	HEAD IN METER	60	50	48	45	43	40	38	35
VEW-60/6	4	6	2"	50		72	60	57	54	51	48	45	42
VEW-60/8	5	8	2"	50		96	80	76	72	68	64	60	56
VEW-60/10	6	10	2"	50		120	100	95	90	85	80	75	70
VEW-60/12	7.5	12	2"	50		144	120	114	108	102	96	90	84
VEW-60/15	10	15	2"	50		180	150	143	135	128	120	113	105
VEW-60/16	10	16	2"	50		192	160	152	144	136	128	120	112
VEW-60/20	12.5	20	2"	50		240	200	190	180	170	160	150	140
VEW-60/21	12.5	21	2"	50		252	210	200	189	179	168	158	147
VEW-60/22	15	22	2"	50		264	220	209	198	187	176	165	154
VEW-60/24	15	24	2"	50		288	240	228	216	200	192	180	168
VEW-60/26	15	26	2"	50		312	260	240	230	210	195	182	169
VEW-60/32	20	32	2"	50		396	330	313	297	264	248	231	215
VEW-60/35	25	35	2"	50		420	350	332	315	297	280	262	245

MODEL	H.P	STAGE	OUTLET			DISCHARGE IN LPM							
			INCH	MM		0	180	200	220	240	260	280	300
VEW-70/4	3	4	2"	50	HEAD IN METER	48	40	38	36	34	32	30	28
VEW-70/7	5	7	2"	50		84	70	67	63	60	56	53	49
VEW-70/8	6	8	2"	50		96	80	76	72	68	64	60	56
VEW-70/11	7.5	11	2"	50		132	110	104	99	94	88	83	77
VEW-70/14	10	14	2"	50		144	140	133	126	119	112	105	98
VEW-70/16	12.5	16	2"	50		192	160	152	144	136	128	120	112
VEW-70/18	12.5	18	2"	50		216	180	171	162	153	144	135	126
VEW-70/20	15	20	2"	50		240	200	190	180	170	160	150	140
VEW-70/23	17.5	23	2"	50		276	230	218	195	184	172	161	150
VEW-70/27	20	27	2"	50		324	270	256	243	216	202	189	175
VEW-70/32	25	32	2"	50		384	320	304	288	272	256	240	224

MODEL	H.P	STAGE	OUTLET			DISCHARGE IN LPM							
			INCH	MM		0	200	220	240	260	280	300	320
VEW-80/5	4	5	2"	50	HEAD IN METER	60	50	48	45	43	40	38	35
VEW-80/6	5	6	2"	50		72	60	57	54	51	48	45	42
VEW-80/7	6	7	2"	50		84	70	67	63	60	56	53	49
VEW-80/9	7.5	9	2"	50		108	90	86	81	77	72	68	63
VEW-80/10	7.5	10	2"	50		120	100	95	90	85	80	75	70
VEW-80/12	10	12	2"	50		144	120	114	108	102	96	90	84
VEW-80/14	12.5	14	2"	50		168	140	133	126	119	112	105	98
VEW-80/15	12.5	15	2"	50		180	150	143	135	128	120	113	105
VEW-80/18	15	18	2"	50		216	180	171	162	153	144	135	126
VEW-80/21	17.5	21	2"	50		252	208	198	188	178	168	158	147
VEW-80/24	20	24	2"	50		288	240	228	216	204	192	180	168
VEW-80/25	20	25	2"	50		300	250	237	225	200	187	175	162
VEW-80/30	25	30	2"	50		360	300	285	270	240	225	210	195

**PERFORMANCE CHART OF 150 MM (6") WATER FILLED SUBMERSIBLE PUMP 50HZ FREQUENCY, 415 VOLTS**

**RATED VOLTAGE**

MODEL	H.P	STAGE	OUTLET			MODEL : 138 MM				MOTOR DIA : 142 MM			
			INCH	MM		DISCHARGE IN LPM							
						0	210	240	275	310	350	380	415
VEW-100/3	3	3	2"	50	HEAD IN METER	36	30	29	27	26	24	23	21
VEW-100/4	4	4	2"	50		48	40	38	36	34	32	30	28
VEW-100/5	5	5	2"	50		60	50	48	45	43	40	38	35
VEW-100/6	6	6	2"	50		72	60	57	54	51	48	45	42
VEW-100/8	7.5	8	2"	50		96	80	76	72	68	64	60	56
VEW-100/10	10	10	2"	50		120	100	95	90	85	80	75	70
VEW-100/12	12.5	12	2"	50		144	120	114	108	102	96	90	84
VEW-100/14	15	14	2"	50		168	148	140	123	112	84	56	98
VEW-100/15	15	15	2"	50		180	150	143	135	128	120	113	105
VEW-100/16	15	16	2"	50		192	160	150	144	136	128	120	112
VEW-100/17	17.5	17	2"	50		204	168	160	152	144	136	127	119
VEW-100/20	20	20	2"	50		240	200	190	180	170	160	150	140
VEW-100/25	25	25	2"	50		300	250	238	225	200	188	175	162

## V6 MIX FLOW SUBMERSIBLE PUMP SET

### PERFORMANCE CHART OF 150 MM (6") WATER FILLED SUBMERSIBLE PUMP 50HZ FREQUENCY, 350 TO 415 VOLTS

MODEL	H.P	STAGE	OUTLET			DISCHARGE IN LPM							
			INCH	MM		0	290	330	370	420	460	490	540
VQ-262/3	3	3	2.5" & 3"	65 & 75	HEAD IN METER	33	27	26	24	23	21	20	18
VQ-262/4	4	4	2.5" & 3"	65 & 75		44	36	34	32	30	28	26	24
VQ-262/5	5	5	2.5" & 3"	65 & 75		55	45	43	40	38	35	33	30
VQ-262/6	6	6	2.5" & 3"	65 & 75		66	54	51	48	45	42	39	36
VQ-262/7	7.5	7	2.5" & 3"	65 & 75		77	63	60	56	53	49	46	42
VQ-262/8	7.5	8	2.5" & 3"	65 & 75		88	72	68	64	60	56	52	48
VQ-262/10	10	10	2.5" & 3"	65 & 75		110	90	85	80	75	70	65	60
VQ-262/12	12.5	12	2.5" & 3"	65 & 75		132	106	100	96	90	84	78	72
VQ-262/14	15	14	2.5" & 3"	65 & 75		154	126	119	112	105	98	91	84
VQ-262/15	15	15	2.5" & 3"	65 & 75		165	135	128	120	113	105	98	90
VQ-262/16	15	16	2.5" & 3"	65 & 75		176	144	136	128	115	109	102	96
VQ-262/20	20	20	2.5" & 3"	65 & 75		220	180	170	160	150	140	130	120
VQ-262/25	25	25	2.5" & 3"	65 & 75		275	225	212	200	187	175	162	150

MODEL	H.P	STAGE	OUTLET			DISCHARGE IN LPM							
			INCH	MM		0	350	400	450	500	550	600	650
VQ-265/3	4	3	2.5" & 3"	65 & 75	HEAD IN METER	33	28	27	25	24	22	20	18
VQ-265/4	5	4	2.5" & 3"	65 & 75		44	38	36	34	32	30	28	26
VQ-265/5	6	5	2.5" & 3"	65 & 75		55	48	45	42	40	37	35	32
VQ-265/6	7.5	6	2.5" & 3"	65 & 75		66	57	54	51	48	45	42	39
VQ-265/8	10	8	2.5" & 3"	65 & 75		88	76	72	68	64	60	56	52
VQ-265/10	12.5	10	2.5" & 3"	65 & 75		120	95	90	85	80	75	70	65
VQ-265/12	15	12	2.5" & 3"	65 & 75		132	114	108	102	96	90	84	78
VQ-265/14	17.5	14	2.5" & 3"	65 & 75		154	133	126	119	112	105	98	91
VQ-265/16	20	16	2.5" & 3"	65 & 75		176	152	144	136	128	120	112	104
VQ-265/20	25	20	2.5" & 3"	65 & 75		220	190	180	170	160	150	140	130

MODEL	H.P	STAGE	OUTLET			DISCHARGE IN LPM							
			INCH	MM		0	470	550	600	650	680	720	760
VQ-271/3	5	3	2.5" & 3"	65 & 75	HEAD IN METER	33	27	25	23	21	19	17	15
VQ-271/4	6	4	2.5" & 3"	65 & 75		44	36	34	32	30	28	26	24
VQ-271/5	7.5	5	2.5" & 3"	65 & 75		55	45	42	40	37	35	32	29
VQ-271/6	10	6	2.5" & 3"	65 & 75		66	54	51	48	45	42	39	36
VQ-271/8	12.5	8	2.5" & 3"	65 & 75		88	72	68	64	60	56	52	48
VQ-271/9	15	9	2.5" & 3"	65 & 75		99	81	77	74	69	65	61	56
VQ-271/10	15	10	2.5" & 3"	65 & 75		110	90	85	80	75	70	65	60
VQ-271/11	17.5	11	2.5" & 3"	65 & 75		121	99	94	88	83	77	72	66
VQ-271/13	20	13	2.5" & 3"	65 & 75		143	117	111	104	98	91	85	78
VQ-271/16	25	16	2.5" & 3"	65 & 75		176	144	136	128	120	112	104	96
VQ-271/20	30	20	2.5" & 3"	65 & 75		220	180	170	160	150	140	130	120

**PERFORMANCE CHART OF 150 MM (6") WATER FILLED SUBMERSIBLE PUMP  
50HZ FREQUENCY, 350 TO 415 VOLTS RATED VOLTAGE**

MODEL	H.P	STAGE	OUTLET		HEAD IN METER	DISCHARGE IN LPM							
			INCH	MM		0	540	650	730	760	790	840	900
VQ-302/3	6	3	2.5"	65	HEAD IN METER	33	27	25	23	21	19	17	15
VQ-302/4	7.5	4	2.5"	65		44	36	34	32	30	28	26	24
VQ-302/5	10	5	2.5"	65		55	45	43	40	38	35	33	30
VQ-302/6	12.5	6	2.5"	65		66	54	51	48	45	42	39	36
VQ-302/7	15	7	2.5"	65		77	63	60	56	52	49	45	42
VQ-302/8	15	8	2.5"	65		88	72	68	64	60	56	52	48
VQ-302/10	20	10	2.5"	65		110	90	85	80	75	70	65	60
VQ-302/12	25	12	2.5"	65		132	108	102	96	90	84	78	72
VQ-302/15	30	15	2.5"	65		165	135	128	120	113	105	98	90

MODEL	H.P	STAGE	OUTLET		HEAD IN METER	DISCHARGE IN LPM							
			INCH	MM		0	660	710	850	900	940	980	1020
VQ-305/2	6	2	3"	75	HEAD IN METER	22	18	17	16	15	14	13	12
VQ-305/3	7.5	3	3"	75		33	27	25	23	21	19	17	15
VQ-305/4	10	4	3"	75		44	36	34	32	30	28	26	24
VQ-305/5	12.5	5	3"	75		55	45	43	40	38	35	33	30
VQ-305/6	15	6	3"	75		66	54	51	48	45	42	39	36
VQ-305/8	20	8	3"	75		88	72	68	64	60	56	52	48
VQ-305/10	25	10	3"	75		110	90	85	80	75	70	65	60
VQ-305/12	30	12	3"	75		132	108	102	96	90	84	78	72

**TWO PHASE SUBMERSIBLE PUMP**

**PERFORMANCE CHART OF 150 MM (6") WATER FILLED SUBMERSIBLE PUMP 50HZ FREQUENCY,  
200 TO 415 VOLTS RATED VOLTAGE ( 2 PHASE)**

MODEL	H.P	STAGE	OUTLET		HEAD IN METER	DISCHARGE IN LPM							
			INCH	MM		0	40	70	95	120	160	190	230
VRF-2/5	2	5	2"	50	HEAD IN METER	55	50	47	45	40	35	30	25
VRF-3/8	3	8	2"	50		88	80	76	72	64	56	48	40
VRF-3/6	3	6	2"	50		69	60	57	54	48	42	36	30
VRF-5/10	5	10	2"	50		115	100	95	90	80	70	60	50
VRF-3/5	3	5	2"	50		58	50	46	44	40	37	30	25
VRF-5/8	5	8	2"	50		94	80	75	70	65	60	48	40
VRF-3/4	3	4	2.5"	65		48	40	36	34	32	28	24	20
VRF-5/7	5	7	2.5"	65		84	70	66	63	56	49	42	35
VRF-5/6	5	6	2.5"	65		72	60	57	54	48	42	36	30
VRF-3/3	3	3	2.5"	65		36	30	28	25	24	21	18	15
VRF-5/5	5	5	2.5"	65		60	50	47	42	40	35	30	25

MODEL	HP	STAGE	OUTLET	PHASE	0	100	150	200	250	280	320	340
VK-100/3	3	3	2"	3	48	43	42	39	36	33	30	27
VK-100/4	4	4	2"	3	64	58	56	52	48	44	40	36
VK-100/5	5	5	2"	3	80	73	70	65	60	55	50	45
VK-100/6	6	6	2"	3	96	87	84	78	72	66	60	54
VK-100/8	7.5	8	2"	3	128	116	112	104	96	88	80	72
VK-100/10	10	10	2"	3	160	145	140	130	120	110	100	90
VK-100/12	12.5	12	2"	3	192	174	168	156	144	132	120	108
VK-100/15	15	15	2"	3	240	218	210	195	180	165	150	135
VK-100/18	17.5	18	2"	3	288	261	248	230	216	195	180	162
VK-100/20	20	20	2"	3	320	290	270	255	240	215	190	165
VK-100/25	25	25	2"	3	375	365	350	325	300	275	250	225

MODEL	HP	STAGE	OUTLET	PHASE	0	130	215	270	330	370	390	420
VK-125/3	4	3	2.5"	3	48	45	42	39	36	33	30	27
VK-125/4	5	4	2.5"	3	64	60	56	52	48	44	40	36
VK-125/5	6	5	2.5"	3	80	75	70	65	60	55	50	45
VK-125/6	7.5	6	2.5"	3	96	90	84	78	72	66	60	54
VK-125/8	10	8	2.5"	3	128	120	112	104	96	88	80	72
VK-125/10	12.5	10	2.5"	3	160	150	140	130	120	110	100	90
VK-125/12	15	12	2.5"	3	192	174	162	150	141	128	117	104
VK-125/14	17.5	14	2.5"	3	224	196	184	178	168	140	128	112
VK-125/16	20	16	2.5"	3	256	225	216	204	192	160	142	128
VK-125/20	25	20	2.5"	3	300	290	280	260	240	220	200	180

MODEL	HP	STAGE	OUTLET	PHASE	0	150	235	320	380	450	490	530
VK-150/2	3	2	2.5"	3	32	30	28	26	24	22	20	16
VK-150/3	5	3	2.5"	3	48	45	42	39	36	33	30	24
VK-150/4	6	4	2.5"	3	64	60	56	52	48	44	40	32
VK-150/5	7.5	5	2.5"	3	80	75	70	65	60	55	50	40
VK-150/6	10	6	2.5"	3	96	90	84	78	72	66	60	48
VK-150/8	12.5	8	2.5"	3	128	120	112	104	96	88	80	64
VK-150/10	15	10	2.5"	3	160	150	140	130	120	110	90	80
VK-150/12	17.5	12	2.5"	3	192	174	162	150	138	126	114	90
VK-150/13	20	13	2.5"	3	208	195	182	169	156	143	130	104
VK-150/16	25	16	2.5"	3	240	232	224	208	192	176	160	144

MODEL	HP	STAGE	OUTLET	PHASE	0	170	200	340	420	490	530	570
VK-200/2	4	2	2.5"	3	32	30	28	26	24	22	20	18
VK-200/3	6	3	2.5"	3	48	45	42	39	36	33	30	27
VK-200/4	7.5	4	2.5"	3	64	60	56	52	48	44	40	36
VK-200/5	10	5	2.5"	3	80	75	70	65	60	55	50	45
VK-200/6	12.5	6	2.5"	3	96	90	84	78	72	66	60	54
VK-200/7	15	7	2.5"	3	112	105	98	91	84	77	70	63
VK-200/8	17.5	8	2.5"	3	128	120	112	104	96	88	80	72
VK-200/10	20	10	2.5"	3	160	150	140	130	120	110	100	90
VK-200/12	25	12	2.5"	3	180	174	168	156	144	132	120	108