

## VALCO Vera<sup>™</sup> range SUBMERSIBLE MULTISTAGE BOREHOLE ELECTRIC PUMPS FOR DEEP WELLS for min. 4-inch wells COMPLETE WITH 2 POLE MOTORS TO NEMA STANDARD.

### Applications

Suitable to replace standard surface pumps, carrying the advantages of lesser space needed, less maintenance and complete absence of noise.

For domestic drinking potable water , residential, commercial, industrial, agricultural, geothermal, civil applications, to pump and explore geothermal resources for fluids in spas, industry, agriculture and private, community and district heating and in all cases where it is requested to lift water out from below the ground from aquifers and to push it above with pressure: boreholes, bored wells, riverbanks, in-line pressure boosting, dewatering, sprinkler and drip irrigation systems, horticulture, greenhouses and gardening, air conditioning, water supply to offshore oil platforms, pressure boosting pumping / increasing water pressure, fire fighting, hydrant systems, deluge systems, fountains and water features, large rural irrigation schemes, turf watering installations and stock watering plants, washing and hobby uses, jet washing, station washing, dairy washdown, vegetable washing, dewatering of mines and excavations, level control (wellpoint) of groundwater waterbeds, sump drainage, artificial snow, solar power, monitor system, in-ground tank installation, underground water storage tanks installation, rainwater collection, etc.

Pumping of clean water in domestic applications from boreholes and wells, agricultural, industry, processing of drinking water distribution, water supply, firefighting, boosters, fountains, municipal water supply, mains and municipal boosting, sump drainage, dam drainage, mine water supply, river water extraction. Private, residential, commercial, industrial buildings, hospitals, airports, schools, nurseries, farms, etc.

**Built-in check non-return valve to protect the pump against water hammer.**  
**Floating Version (F) Sand Resistant: reduces sand locking.**





I-36063 Marostica (Vicenza) Italy  
www.valco.eu

**Vera™ - VALCO BRAND SUBMERSIBLE MULTISTAGE BOREHOLE ELECTRIC PUMPS  
FOR DEEP WELLS for min. 4-inch COMPLETE WITH 2 POLE MOTORS TO NEMA  
STANDARD.**

Pump and motor construction data  
with limits of use and operating conditions

Types		Pump height Hp (mm)	Pump and motor height H 1PH (mm)	Pump and motor height H 3PH (mm)	Pump weight (Kg)	Pump and motor weight 1PH (Kg)	Pump and motor weight 3PH (Kg)	Impeller radial MF=mixed flow	RA=	DNm	G
1 PH 230V 50Hz	3 PH 400V 50Hz										
4020-FP	4020-FPT	349	710	696	3,4	11,5	10,8	RA		1"1/4	
4050-FP	4050-FPT	270	631	617	2,7	10,8	10,1	RA		1"1/4	
4060-FP	4060-FPT	230	591	577	2,3	10,4	9,7	RA		1"1/4	
4090-FP	4090-FPT	218	579	565	2,2	10,3	9,6	RA		1"1/4	
4115-FP	4115-FPT	449	835	810	4,4	13,6	12,4	RA		1"1/4	
4135-FP	4135-FPT	349	735	710	3,5	12,7	11,5	RA		1"1/4	
4165-FP	4165-FPT	270	656	631	2,7	11,9	10,7	RA		1"1/4	
4180-FP	4180-FPT	262	648	623	2,6	11,8	10,6	RA		1"1/4	
4182-FP	4182-FPT	278	664	639	2,7	11,9	10,7	MF		2"	
4215-FP	4215-FPT	569	977	950	5,6	15,9	14,4	RA		1"1/4	
4230-FP	4230-FPT	430	838	811	4,4	14,7	13,2	RA		1"1/4	
4255-FP	4255-FPT	330	738	711	3,3	13,6	12,1	RA		1"1/4	
4275-FP	4275-FPT	306	714	687	3,0	13,3	11,8	RA		1"1/4	
42100-FP	42100-FPT	352	760	733	3,3	13,6	12,1	MF		2"	
42102-FP	42102-FPT	290	698	671	2,7	13,0	11,5	MF		2"	
4320-FP	4320-FPT	800	1231	1208	7,9	19,3	18,5	RA		1"1/4	
4322-FP	4322-FPT	569	1000	977	5,8	17,2	16,4	RA		1"1/4	
4355-FP	4355-FPT	430	861	838	4,3	15,7	14,9	RA		1"1/4	
4380-FP	4380-FPT	393	824	801	3,8	15,2	14,4	RA		1"1/4	
43105-FP	43105-FPT	463	894	871	4,3	15,7	14,9	MF		2"	
43125-FP	43125-FPT	370	801	778	3,4	14,8	14,0	MF		2"	
43127-FP	43127-FPT	402	833	810	3,4	14,8	14,0	MF		2"	
4400-FP	4400-FPT	1000	1464	1425	9,9	22,7	20,7	RA		1"1/4	
4415-FP	4415-FPT	728	1192	1153	7,4	20,2	18,2	RA		1"1/4	
4445-FP	4445-FPT	529	993	954	5,3	18,1	16,1	RA		1"1/4	
4465-FP	4465-FPT	481	945	906	4,7	17,5	15,5	RA		1"1/4	
4490-FP	4490-FPT	573	1037	998	5,3	18,1	16,1	MF		2"	
44110-FP	44110-FPT	450	914	875	4,1	16,9	14,9	MF		2"	
44130-FP	44130-FPT	435	899	860	3,5	16,3	14,3	MF		2"	
44132-FP	44132-FPT	470	934	895	3,9	16,7	14,7	MF		2"	
4500-FP	4500-FPT	1451	2013	1915	14,4	31,8	26,9	RA		1"1/4	
4520-FP	4520-FPT	1040	1602	1504	10,7	28,1	23,2	RA		1"1/4	
4545-FP	4545-FPT	728	1290	1192	7,3	24,7	19,8	RA		1"1/4	
4565-FP	4565-FPT	657	1219	1121	6,4	23,8	18,9	RA		1"1/4	
45100-FP	45100-FPT	794	1356	1258	7,3	24,7	19,8	MF		2"	
45120-FP	45120-FPT	609	1171	1073	5,5	22,9	18,0	MF		2"	
45150-FP	45150-FPT	557	1119	1021	4,4	21,8	16,9	MF		2"	
45152-FP	45152-FPT	674	1236	1138	5,4	22,8	17,9	MF		2"	
-	4600-FPT	1391	-	1910	14,3	-	29,3	RA		1"1/4	
-	4610-FPT	960	-	1479	9,8	-	24,8	RA		1"1/4	
-	4635-FPT	864	-	1383	8,5	-	23,5	RA		1"1/4	
-	4660-FPT	1048	-	1567	9,8	-	24,8	MF		2"	
-	4680-FPT	769	-	1288	6,9	-	21,9	MF		2"	
-	46110-FPT	740	-	1259	5,7	-	20,7	MF		2"	
-	45152-FPT	877	-	1396	7,0	-	22,0	MF		2"	
-	4700-FPT	1240	-	1824	12,6	-	30,9	RA		1"1/4	
-	4715-FPT	1128	-	1712	11,0	-	29,3	RA		1"1/4	
-	4765-FPT	1416	-	2000	13,1	-	31,4	MF		2"	
-	47100-FPT	1040	-	1624	9,4	-	27,7	MF		2"	
-	47155-FPT	983	-	1567	7,5	-	25,8	MF		2"	
-	47157-FPT	1182	-	1766	9,5	-	27,8	MF		2"	
-	4802-FPT	1511	-	2195	15,2	-	37,9	RA		1"1/4	
-	4805-FPT	1853	-	2537	17,2	-	41,5	MF		2"	
-	4820-FPT	1360	-	2044	12,1	-	36,4	MF		2"	
-	4860-FPT	1287	-	1971	9,7	-	34,0	MF		2"	
-	4862-FPT	1520	-	2204	12,0	-	36,3	MF		2"	
-	49A2-FPT	1984	-	2749	20,0	-	36,9	RA		1"1/4	
-	4900-FPT	2411	-	3176	22,2	-	50,5	MF		2"	
-	4910-FPT	1758	-	2523	15,6	-	43,9	MF		2"	
-	4930-FPT	1652	-	2417	12,4	-	40,7	MF		2"	
-	4932-FPT	1928	-	2693	15,1	-	43,4	MF		2"	
-	410A02-FPT	2457	-	-	24,8	-	-	RA		1"1/4	

