



C.R.I. PUMPS

Pumping trust. Worldwide.

Horizontal Openwell Submersible Pumpsets

Plano



Tiny Pumps..

Tidy Performance...



Domestic



Gardens



Multi storey buildings



Irrigation



Rural water supply

C.R.I. PUMPS • PIPES • WIRES & CABLES • SOLAR



Horizontal Openwell Submersible Pumpsets



C.R.I. Horizontal Openwell Submersible Pumpsets are ideally suitable for Openwell / Tanks where a wide fluctuation of water level occur. The pumpset works underwater and rest at the bottom of the well or Tank. Hence suction and priming problem will not arise. The optimal design of impellers and diffusers enables the best possible hydraulic efficiency. Motor sealing is made by polymers, 'O' rings, oil seals and sand guard to avoid ingress of well water/sand into the motor. Pressure equalizing rubber diaphragm is provided to guard the motor from pressure and volume variation of water inside the motor. Plano Series must be filled with clear, cold, drinking water as detailed in our operator's manual.

Specifications :

Power range	0.37 kW - 1.5 kW (0.5HP - 2HP)
Speed	2880 RPM
Version	Single phase 220 - 240V, 50Hz, A.C. Supply
Maximum total head	Upto 45 metre
Maximum flow rate	Upto 8.5 lps (30.6 m ³ /hr)
Type of duty	S1 (Continuous)

Salient Features :

- Rigid Construction
- Long Durability
- High Operating Efficiency
- Stainless Steel Motor body

Performance Chart :

MODEL	kW	HP	SUCTION X DELIVERY IN MM	m ³ /hr	Head in Metres																			Star Rating
					0.0	1	1.8	2.7	3.6	4.5	4.7	5.4	5.6	6.5	7.2	7.4	7.6	7.7	8.6	9.4	10.1	10.4		
PLANO 50	0.37	0.5	25 X 25	17	0.0	0.3	0.5	0.8	1.0	1.3	1.3	1.5	1.5	1.8	2.0	2.1	2.1	2.2	2.4	2.6	2.8	2.9		
PLANO 52	0.37	0.5	25 X 25	21			20	20	19	18	18	17	16	15	14	14	14	13	12	9	9	8	5	
PLANO 104	0.75	1	25 X 25	33	32	30		28	24	23	22	22	21	20	19	19	18	17	15	13			5	
PLANO 102	0.75	1	32 X 25	35	33	31	30	28	27	27	26	25	24	24	23	22	21	18	15	14			5	
PLANO 106	0.75	1	25 X 25	32		28		25.5	24.5	24	23.5	23	22	21.5	21	20.5	20	19.5	18.5	18				
PLANO 150	1.1	1.5	32 X 25	42		39	38	37	36	36	34	34	31	29	29	28	28	25	22	16				
PLANO 151	1.1	1.5	32 X 40	42		39	38	37	36	36	34	34	31	29	29	28	28	25	22	16				

MODEL	kW	HP	SUCTION X DELIVERY IN MM	m ³ /hr	Head in Metres																		
					0	1.8	3.6	5.4	7.2	9	10.8	12.6	13.3	14.4	16.2	18	19.8	20.9	22.7				
				0	0.5	1	1.5	2	2.5	3	3.5	3.7	4	4.5	5	5.5	5.8	6.3					
PLANO 152	1.1	1.5	40 X 40	22.3	22.2	22	21.8	21.5	20.9	20	19.7	19.5	19.3	18.6	17.8	17	16.4	15.6					

MODEL	kW	HP	SUCTION X DELIVERY IN MM	m ³ /hr	Head in Metres																		
					0	5.4	7.2	9	10.8	12.6	14.4	16.2	18	18.7	19.8	21.6	23.4	25.2	27	28.8	29.5	30.6	
				0	1.5	2	2.5	3	3.5	4	4.5	5	5.2	5.5	6	6.5	7	7.5	8	8.2	8.5		
PLANO 200	1.5	2	50 X 50	22	21.5	21.3	21	20.8	20.5	20.1	19.7	19.3	19	18.7	18.1	17.5	16.6	15.7	15.1	14.8	14.1		

MODEL	kW	HP	SUCTION X DELIVERY IN MM	m ³ /hr	Head in Metres																		
					0	1.8	3.6	5.4	7.2	8.28	9	10.8	11.5	12.2	12.6	14.4	15.8	16.2	18				
				0	0.5	1	1.5	2	2.3	2.5	3	3.2	3.4	3.5	4	4.4	4.5	5					
PLANO 201	1.5	2	40 X 40	32	31	30.6	30.2	29.6	29.3	29	28.2	27.8	27.5	27.3	25.7	24	23.6	21.4					

MODEL	kW	HP	SUCTION X DELIVERY IN MM	m ³ /hr	Head in Metres																		
					0	1.44	1.8	3.6	4.32	5.4	5.76	6.84	7.2	7.92	9	10.1	10.8	11.5					
				0	0.4	0.5	1	1.2	1.5	1.6	1.9	2	2.2	2.5	2.8	3	3.2						
PLANO 202	1.5	2	32 X 25	47	44.9	44.6	42.7	41.8	40.2	39.5	37.6	36.9	35.5	33	30.3	28.8	26.4						
PLANO 203	1.5	2	32 X 40	47	45.1	44.8	42.9	42	40.4	39.7	37.8	37.1	35.7	33.2	30.5	29	26.6						