

Pool Pump	1	2	3	4	5a	5b	5c	6a	6b	6c	7
Brand/ (variable speed)	Onga Pentair	Reltech	Waterco	Hyclor Pump	Onga (Low)	Onga (med)	Onga (High)	Viron (low)	Viron (Med)	Viron (High)	Enviroswim
Type	LTP 400	PR 50	Baker Hydro	P100	Eco 800	Eco 800	Eco 800	P 600	P 600	P 600	
Speed/Type	single	single	single	single	Variable Low	Variable Med	VariableHigh	Low	Medium	High	single
Serial Number	13-12-02 045				TUV 15819EA	VariableMedium	TUV 15819EA	PNE 0814 57119			
RPM	2800				1000-2850	VariableMedium	1000-2850			2850	2900
HZ	50HZ	50HZ	50HZ	50HZ	50HZ	50HZ	50HZ	50HZ	50HZ	50HZ	50HZ
Volts	230-240V	220-240V	220-240V	220-240V	230-240V	230-240V	230-240V	230-240V	220-240V	230/240	230/240
Amps	2.7	2.8	3.6	4.54			6.5			8.65	2
Watts		650	860	1000			975-800			1950	480
<b>Tested Data</b>											
Watts - Actual	579	660	818	978	152	555	858	64	641	1685	400
HP - Actual	0.77	0.88	1.09		0.2	0.74	1.15	0.08	0.86	2.25	0.53
Flow Hr	10040	10080	12630.00	11824	6810	11370	13350	4488	12450	17795	9200
Flow Min	167	168	210	197	113	190	222	75	207	297	154
RPM								750		2825	2900
Turn Over For Time 50L Pool /hr	5.00	5.00	3.96	4.23	7.34	4.40	3.75	11.14	4.02	2.81	5.43
Hrs x Watts = KW/Hrs	2.90	3.30	3.24	4.14	1.12	2.44	3.21	0.71	2.57	4.73	2.17
Tarriff 33 QLD	\$0.20	\$0.20	\$0.20	\$0.20	\$0.20	\$0.20	\$0.20	\$0.20	\$0.20	\$0.20	\$0.20
Running cost/day = KW/HR x hr	\$0.58	\$0.66	\$0.65	\$0.83	\$ 0.22	\$0.49	\$0.64	\$0.14	\$0.51	\$0.95	\$0.43

Total Cost over 5 yrs (Buy & Run)	1	2	3	4	5a	5b	5c	6a	6b	6c	
Brand/ (speed)	Onga (Pentair)	Reltech	Waterco	Hyclor Pump	Onga (Low)	Onga (med)	Onga (High)	Viron (low)	Viron (Med)	Viron (High)	Enviroswim
Type	LTP 400	PR 50	Baixer Hydro	Mini Mighty	Eco 800	Eco 800	Eco 800	P 600	P 600	P 600	
Stockist	Qld supplier	Qld supplier	Qld supplier	Qld supplier	Qld supplier	Qld Supplier	Qld supplier	Qld supplier	Qld supplier	Qld supplier	Enviroswim sourced
Pump RRP	\$599.00	\$654.00	\$625.90	\$270.00	\$2,099.00	\$2,099.00	\$2,099.00	\$2,169.00	\$2,169.00	\$2,169.00	\$298.00
Running Cost Per Day	\$0.58	\$0.66	\$0.65	\$0.83	\$0.22	\$0.49	\$0.64	\$0.14	\$0.51	\$0.95	\$0.43
Running Cost Per year	\$211.70	\$240.90	\$237.25	\$302.95	\$80.30	\$178.85	\$233.60	\$51.10	\$186.15	\$346.75	\$158.70
Running Cost over 5 years	\$1,058.50	\$1,204.50	\$1,186.25	\$1,514.75	\$401.50	\$894.25	\$1,168.00	\$255.50	\$930.75	\$1,733.75	\$793.48
Cost of Pump + 5 years Running	\$1,657.50	\$1,858.50	\$1,812.15	\$1,784.75	\$2,500.50	\$2,993.25	\$3,267.00	\$2,424.50	\$3,099.75	\$3,902.75	\$1,091.48

**Summary: All five conventional single speed pumps proved to be a more economical option for the consumer when tested against the multi or variable speed pumps**

**All tests conducted using the same pool & fittings. The test were based on Qld Tarriff 33 rate. It should be noted that regardless of the actual tarriff the costs/savings will remain proportionally the same for each pump.**