

# Your Pool Pump

## How much does it cost to run?



PER DAY COST OF OPERATING A POOL PUMP												
Hours Operated	HORSE POWER OF MOTOR											
	0.75		1		1.5		2		2.5		3	
	Summer	Winter	Summer	Winter	Summer	Winter	Summer	Winter	Summer	Winter	Summer	Winter
1	0.14	0.11	0.18	0.15	0.27	0.22	0.36	0.30	0.45	0.37	0.54	0.45
2	0.27	0.22	0.36	0.30	0.54	0.45	0.72	0.60	0.90	0.75	1.08	0.90
3	0.41	0.34	0.54	0.45	0.81	0.67	1.08	0.90	1.36	1.12	1.63	1.35
4	0.54	0.45	0.72	0.60	1.08	0.90	1.45	1.20	1.81	1.50	2.17	1.80
5	0.68	0.56	0.90	0.75	1.36	1.12	1.81	1.50	2.26	1.87	2.71	2.25
6	0.81	0.67	1.08	0.90	1.63	1.35	2.17	1.80	2.71	2.25	3.25	2.70
7	0.95	0.79	1.27	1.05	1.90	1.57	2.53	2.10	3.16	2.62	3.80	3.15
8	1.08	0.90	1.45	1.20	2.17	1.80	2.89	2.40	3.62	3.00	4.34	3.60
9	1.22	1.01	1.63	1.35	2.44	2.02	3.25	2.70	4.07	3.37	4.88	4.04
10	1.36	1.12	1.81	1.50	2.71	2.25	3.62	3.00	4.52	3.75	5.42	4.49
11	1.49	1.24	1.99	1.65	2.98	2.47	3.98	3.30	4.97	4.12	5.97	4.94
12	1.63	1.35	2.17	1.80	3.25	2.70	4.34	3.60	5.42	4.49	6.51	5.39
13	1.76	1.46	2.35	1.95	3.53	2.92	4.70	3.89	5.88	4.87	7.05	5.84
14	1.90	1.57	2.53	2.10	3.80	3.15	5.06	4.19	6.33	5.24	7.59	6.29
15	2.03	1.69	2.71	2.25	4.07	3.37	5.42	4.49	6.78	5.62	8.14	6.74
16	2.17	1.80	2.89	2.40	4.34	3.60	5.79	4.79	7.23	5.99	8.68	7.19
17	2.31	1.91	3.07	2.55	4.61	3.82	6.15	5.09	7.68	6.37	9.22	7.64
18	2.44	2.02	3.25	2.70	4.88	4.04	6.51	5.39	8.14	6.74	9.76	8.09
19	2.58	2.13	3.44	2.85	5.15	4.27	6.87	5.69	8.59	7.12	10.31	8.54
20	2.71	2.25	3.62	3.00	5.42	4.49	7.23	5.99	9.04	7.49	10.85	8.99
21	2.85	2.36	3.80	3.15	5.70	4.72	7.59	6.29	9.49	7.86	11.39	9.44
22	2.98	2.47	3.98	3.30	5.97	4.94	7.96	6.59	9.94	8.24	11.93	9.89
23	3.12	2.58	4.16	3.45	6.24	5.17	8.32	6.89	10.40	8.61	12.48	10.34
24	3.25	2.70	4.34	3.60	6.51	5.39	8.68	7.19	10.85	8.99	13.02	10.79

### To Reduce Costs and Lower Your Electric Bill

- Based on pool condition, consider reducing pool pump operation to 4 hours in the summer and 2 hours in winter.
- Keep pool pump equipment clean and lubricated.
- Run pool pump during off-peak hours; early in the morning or late at night is best.
- Lower pool water temperature and the number of months you heat your pool.
- Consider a pool cover to save energy and money.
- Consider replacing pumps and motors with new, more efficient equipment.

### How Costs Were Calculated

All calculations shown above are based on the following MID 2016 residential rates:

Summer rates: \$0.1808 (Tier 2, over 500 kWh)

Winter rates: \$0.1498 (Tier 2, over 500 kWh)

For more information contact the MID Energy Management Dept. - (209) 526-7339

