



ENERGY SAVINGS ESTIMATOR

Approximate yearly energy savings based on using an Energy Efficient motor in place of a standard pool and spa motor with industry-average efficiency:

"C" Flange Pool Motors

Yearly Savings*	Hours Per Day Operation					Horse-power	Service Factor	Energy Efficient Models	
	6	8	10	12	24			Century® Brand	A.O. Smith Brand
	\$20.96	\$27.95	\$34.94	\$41.93	\$83.68				
\$20.96	\$27.95	\$34.94	\$41.93	\$83.68	3/4	1.00		UCT1072	
\$25.56	\$34.08	\$42.72	\$51.24	\$102.60	3/4	1.50	B631, B634, B638	CT1072	
\$25.56	\$34.08	\$42.72	\$51.24	\$102.60	1	1.00		UCT1102	
\$24.00	\$32.04	\$40.08	\$48.00	\$97.20	1	1.40	B653, B654, B723	CT1102	
\$24.00	\$32.04	\$40.08	\$48.00	\$97.20	1-1/2	1.00		UCT1152	
\$36.84	\$49.20	\$61.44	\$73.80	\$147.48	1-1/2	1.30	B750, B795, B796	ST1152	
\$46.08	\$61.44	\$76.92	\$92.28	\$184.56	2	1.20	B772, B808, B809	ST1202	
\$12.00	\$16.08	\$20.04	\$25.20	\$48.12	3	1.15	B774, B817, B818	ST1302	

Square Flange Pool Motors

Yearly Savings*	Hours Per Day Operation					Horse-power	Service Factor	Energy Efficient Models	
	6	8	10	12	24			Century® Brand	A.O. Smith Brand
	\$42.96	\$57.24	\$71.64	\$85.92	\$171.84				
\$42.96	\$57.24	\$71.64	\$85.92	\$171.84	3/4	1.25	B862SE	UQC1072	
\$27.00	\$36.00	\$45.12	\$54.12	\$108.36	3/4	1.67	B661	QC1072	
\$27.00	\$36.00	\$45.12	\$54.12	\$108.36	1	1.25	B863SE	UQC1102	
\$41.40	\$55.20	\$69.00	\$82.80	\$165.72	1	1.65	B841	QC1102	
\$41.40	\$55.20	\$69.00	\$82.80	\$165.72	1-1/2	1.10	B864SE	UQC1152	
\$49.32	\$65.76	\$82.32	\$98.76	\$197.52	1-1/2	1.47	B842	SQ1152	
\$49.32	\$65.76	\$82.32	\$98.76	\$197.52	2	1.10	B865SE	USQ1202	
\$53.40	\$71.16	\$89.04	\$106.80	\$213.72	2	1.30	B843	SQ1202	
\$53.40	\$71.16	\$89.04	\$106.80	\$213.72	2-1/2	1.04	B866SE	USQ1252	
\$12.00	\$16.08	\$20.02	\$24.12	\$49.20	3	1.15	B844	SQ1302	



Make sure the replacement motor has a max HP more than or equal to the old motor!

BEFORE REPLACING THAT SWIM POOL PUMP MOTOR MAKE SURE YOU UNDERSTAND SERVICE FACTOR!

The same horsepower on the nameplate of the replacement may not mean it is the same as the original. To find the maximum horsepower of a motor you must multiply the horsepower times the service factor.

THESE TWO MOTORS ARE NOT THE SAME:

USQ1102				
THERMALLY PROTECTED				
MOTOR MOD C48K2PA104A3		SER		
VOLTS	115/230	HP 1		
MAX LOAD	AMPS 14.8/7.4	PH 1		
RPM	3450	FR 48Y	HZ 60	
				SF 1.25
INSUL CLASS	B	AMB 50 °C	TIME RATING	CONT.
TYPE UAC				A.O. SMITH CORP.

1 HP x 1.25 SF = 1.25 Max HP

SQ1102				
THERMALLY PROTECTED				
MOTOR MOD C48L2PA103A2		SER		
VOLTS	115/230	HP 1		
MAX LOAD	AMPS 19.2/9.6	PH 1		
RPM	3450	FR 48Y	HZ 60	
				SF 1.65
INSUL CLASS	B	AMB 50 °C	TIME RATING	CONT.
TYPE UAC				A.O. SMITH CORP.

1 HP x 1.65 SF = 1.65 Max HP

THESE TWO MOTORS ARE THE SAME:

SQ1072				
THERMALLY PROTECTED				
MOTOR MOD C48K2PA104A2		SER		
VOLTS	115/230	HP 3/4		
MAX LOAD	AMPS 14.8/7.4	PH 1		
RPM	3450	FR 48Y	HZ 60	
				SF 1.65
INSUL CLASS	B	AMB 50 °C	TIME RATING	CONT.
TYPE UAC				A.O. SMITH CORP.

.75 HP x 1.65 SF = 1.25 Max HP

USQ1102				
THERMALLY PROTECTED				
MOTOR MOD C48K2PA104A3		SER		
VOLTS	115/230	HP 1		
MAX LOAD	AMPS 14.8/7.4	PH 1		
RPM	3450	FR 48Y	HZ 60	
				SF 1.25
INSUL CLASS	B	AMB 50 °C	TIME RATING	CONT.
TYPE UAC				A.O. SMITH CORP.

1 HP x 1.25 SF = 1.25 Max HP

expect something special



Century® Commander★ Centurion®

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