

Annual Cooling Cost Estimate With SEER and Comparison (Table)

Electricity cost per kWhr:	\$0.25
Annual Operating Hours:	2,000

(See Annual Hour Calculation Below)

	1 Ton	2 Ton	3 Ton	4 Ton	5 Ton	10 Ton	15 Ton	20 Ton
SEER 8	\$750	\$1,500	\$2,250	\$3,000	\$3,750	\$7,500	\$11,250	\$15,000
SEER 9	\$667	\$1,333	\$2,000	\$2,667	\$3,333	\$6,667	\$10,000	\$13,333
SEER 10	\$600	\$1,200	\$1,800	\$2,400	\$3,000	\$6,000	\$9,000	\$12,000
SEER 11	\$545	\$1,091	\$1,636	\$2,182	\$2,727	\$5,455	\$8,182	\$10,909
SEER 12	\$500	\$1,000	\$1,500	\$2,000	\$2,500	\$5,000	\$7,500	\$10,000
SEER 13	\$462	\$923	\$1,385	\$1,846	\$2,308	\$4,615	\$6,923	\$9,231
SEER 14	\$429	\$857	\$1,286	\$1,714	\$2,143	\$4,286	\$6,429	\$8,571
SEER 15	\$400	\$800	\$1,200	\$1,600	\$2,000	\$4,000	\$6,000	\$8,000
SEER 16	\$375	\$750	\$1,125	\$1,500	\$1,875	\$3,750	\$5,625	\$7,500
SEER 17	\$353	\$706	\$1,059	\$1,412	\$1,765	\$3,529	\$5,294	\$7,059
SEER 18	\$333	\$667	\$1,000	\$1,333	\$1,667	\$3,333	\$5,000	\$6,667
SEER 19	\$316	\$632	\$947	\$1,263	\$1,579	\$3,158	\$4,737	\$6,316
SEER 20	\$300	\$600	\$900	\$1,200	\$1,500	\$3,000	\$4,500	\$6,000
SEER 21	\$286	\$571	\$857	\$1,143	\$1,429	\$2,857	\$4,286	\$5,714
SEER 22	\$273	\$545	\$818	\$1,091	\$1,364	\$2,727	\$4,091	\$5,455
SEER 23	\$261	\$522	\$783	\$1,043	\$1,304	\$2,609	\$3,913	\$5,217
SEER 24	\$250	\$500	\$750	\$1,000	\$1,250	\$2,500	\$3,750	\$5,000
SEER 25	\$240	\$480	\$720	\$960	\$1,200	\$2,400	\$3,600	\$4,800
SEER 26	\$231	\$462	\$692	\$923	\$1,154	\$2,308	\$3,462	\$4,615

Example:

The annual operating cost of a 3 ton AC unit with SEER 15 = \$1,200

The annual operating cost of a 3 ton AC unit with SEER 13 = \$1,385

The annual energy cost saving between an AC unit with SEER 15 vs SEER 13 = -\$185

Annual Hour Calculation

	Typical Office	Computer Room
Hours per day	10	24
Days per week	5	7
Weeks per year	40	52
Annual Operating Hours =	2,000	8,736