

HSR COST ANALYSIS



One Year Cost Analysis						
Annual Electrical Costs				Annual Labor Costs		Total Annual Costs
Watts	Operation Hours	Generator Hours	Annual Cost	Annual Cleaning Labor	Annual generator maintenance	
18000	18	8	\$5,702	2737	750	\$9,189
9000	18	8	\$2,851	780	100	\$3,731
9000	18	4	\$1,425	780	100	\$2,305

Traditional Steam Room 24HR Timer
 Advanced Hybrid Steam 24HR Timer
 Advanced Hybrid Steam 60min Timer

6-Year TCO				
6-year Energy Costs	Re-Grout / silicone	Re-tiling	Cleaning /Maintenance	6-Year Total
\$34,212	\$600	\$12,000	\$20,922	\$55,134
\$17,106	\$120	\$0	\$5,280	\$22,386
\$8,550	\$120	\$0	\$5,280	\$13,830

Traditional Steam Room 24HR Timer
 Advanced Hybrid Steam 24HR Timer
 Advanced Hybrid Steam 60min Timer



Energy: US\$ 0.11KW/HR (source US Dept. of Energy)

Cleaning: Tile-1hr 3.5 days/ week - \$20/HR including chemicals. Hybrid: 1hr week - \$20/HR no chemicals.

Maintenance: Tile - quarterly tank cleaning/annual element exchange. Hybrid - annual tank cleaning, 3rd year element exchange, semi annual filter replacement (\$400/year)