



## ***PowerSentry™*** Executive Summary

***PowerSentry™*** is a "smart" micro-computer based energy saving device that can be easily installed on Residential and Commercial hydronic and steam heating systems, central air conditioning systems and commercial refrigeration units. In laboratory tests conducted by independent testing laboratories and in real world installations, ***PowerSentry™*** has delivered energy consumption savings of **10% to 30% or more** without affecting the temperature levels.

***PowerSentry™*** reduces energy consumption by analyzing the demands and characteristics of the entire heating, air-conditioning, or refrigeration system, and dynamically modifies the burner or compressor cycle pattern. These new patterns result in less frequent and more efficient cycles (similar to highway driving vs. stop-and-go driving). Unlike some other products, ***PowerSentry™*** is truly a "smart" product that does not require any programming, and automatically compensates for load and seasonal changes, thus always providing optimal savings. ***PowerSentry™*** products have been granted United States and International patents, are UL listed in the United States and Canada, and are backed by a performance guarantee. If you are not able to achieve a minimum of 10% savings in energy consumption during the first year of operation, SES will refund the full purchase price. Additionally, for 15 years from the date of original installation, any ***PowerSentry™*** product that fails during normal usage will be replaced free of charge.