



## Single Family Homes

### *What is ecopower®?*

The ecopower® micro-cogeneration system provides heat and electrical power in a cost effective and environmentally friendly manner. Using a natural gas or propane fueled Marathon engine, the ecopower® captures thermal energy for space heating, domestic hot water, pools and other applications. Electricity produced by the generator is either consumed in the building or excess can be sold back to the utility if net metering is available in your state.

### *How ecopower® works.*

The ecopower® uses heat generated by an internal combustion engine to produce between 13,000 - 47,000 BTU per hour of heat while simultaneously co-generating 1.2 - 4.4kW of electricity. Ecopower® is a thermally driven system and the greatest savings coincide with higher heating loads.

### *Why single family homes?*

The ecopower® can be designed to run as much as possible in a heating mode. During this time, it is generating heat and electricity to offset the energy demand in the house (sending excess electricity back to the grid if needed). Once programmed, the microprocessor in the ecopower® controls the unit to run at an optimum level and achieve the most savings. The system can also service as a swimming pool heater. By using it during the summer months as a pool heater, the electricity generated helps offset the high electrical use from pool pumps and air conditioning equipment.

### *Offset electrical costs.*

With the technology of ecopower®, the unit can supplement the thermal load of the home all while creating electricity. Installation of ecopower® will likely not change your gas or propane consumption, but provide you the benefit of lowering your electric bill.

### *Powered by Marathon Engine.*

Proudly made in the USA, the Marathon Engine is the prime energy source for ecopower®. The engine's superior design allows the engine to run for a long life with 4,000 hours between service intervals. Clean burning natural gas or propane contributes to the long life and thermal efficiency. The Marathon Engine is like no other.

