

→ GENERATOR AIR-SOURCE HEAT PUMPS

Increase Energy Efficiency and Promote Heating Redundancy

Emergency generator engine blocks should be heated to temperatures over 90-degrees to help ensure reliable start-up and promote safety. **ECM can install cutting-edge air source heat pumps that help you keep your emergency generator properly heated, while also helping you realize significant energy savings.**

Protect Your Heating System without Wasting Energy

Typically, generators are sold with resistive block heaters that operate constantly and consume large amounts of energy. While these systems are essential for helping generators start-up safely and effectively, they can also be a huge burden on utility expenses.

Our air-source heat pumps augment resistive heaters, helping improve efficiency by up to 85 percent. Further, they also add an additional layer of system redundancy by allowing the existing block heater to function as a back-up heating device when needed.

Cutting-edge, Customized Equipment

We utilize some of the finest air-source heat pumps available on the market. They are designed by a leading manufacturer and trusted by thousands of clients nationwide.

Typical block heaters are prone to fail every 18 to 36 months, opening your generator up to risk from cold start. In contrast, we have had heat pump units in the field for more than two decades. Further, we work with the manufacturer to customize the pumps to our patented specifications aimed at minimizing failure.



BENEFITS OF OUR AIR-SOURCE HEAT PUMPS

- Increase heating system redundancy
- Long operating lifespan
- Avoid cold starts and minimize wear on generator
- Minimize potential point of failure
- Improve energy efficiency
- Reduce operating costs
- Promote sustainability

Our **air-source heat pumps** augment resistive heaters, helping improve efficiency by up to

85%

8KW Resistance Heater	6KW Resistance Heater	Air-Source Heat Pump
\$7,500 Annual Spend	\$5,800 Annual Spend	\$900 Annual Spend

LEARN MORE

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