

# Air Source Heat Pumps



## Save on Heating and Cooling Reduce Your Carbon Footprint

Lower your energy use, increase comfort, and reduce your impact on the environment with an air source heat pump system.



Installing clean HVAC technologies, including air source heat pump systems, can reduce your energy costs, decrease your carbon footprint, and increase everyday comfort. When such technologies are paired with improved insulation and air sealing, the benefits are even greater.

Heat pump systems heat and cool your home or office without burning fossil fuels. No on-site combustion means no risk of dangerous carbon monoxide fumes.

### How do air source heat pump systems work?

Air source heat pumps extract heat from the air outside, and distribute it inside your home or business. During warmer months, the process is reversed to provide cooling by pulling heat out of your interior space. These systems are highly efficient, and can provide up to 100 percent of your heating and cooling needs.

### What are the benefits?

- **Lower energy use.**  
Air source heat pumps are 2–3 times more efficient than traditional HVAC systems, you could save hundreds of dollars annually.
- **Increased comfort.**  
Install in a single room, such as an addition, or heat and cool only the rooms you want via zone control; dehumidify interior air more effectively than traditional HVAC systems.
- **Low maintenance.**  
Air source heat pumps are easy to install and require little maintenance.
- **Clean, healthy, and safe.**  
No combustion of fossil fuels, no fuel storage, no emissions, and no risk of carbon monoxide fumes.

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