

WHAT IS AN AIR SOURCE HEAT PUMP



Today's air source heat pumps offer a whole new level of home comfort technology. The genius and convenience of air source heat pumps is that these electricity-powered HVAC systems are a dual-purpose, **ALL-IN-ONE** solution — delivering heating in the winter, cooling in the summer, and energy-efficient comfort year-round.



WHY ARE HEAT PUMPS MORE ENERGY EFFICIENT?

Heat pumps are more energy efficient because it's easier to extract and move existing energy than it is to create it. In the winter, refrigerant coils in the system absorb heat energy from the outdoors — yes, even cold air can supply heat energy! That heat energy is then concentrated through a compressor and pumped inside to efficiently heat up indoor spaces. In the summer, the same unit operates in reverse, cooling the indoors by absorbing the heat energy in the air and moving it outdoors. Instead of generating energy, you're moving it — which is a much more efficient and economical process.

WHAT SIZE AND TYPE OF HEAT PUMP IS RIGHT FOR YOU?

Heat pumps come in a wide variety of sizes to cover the needs of most any home or business. There are partial-home and whole-home solutions for residents, and each earns different rebates. You can choose a ducted system that utilizes your existing ductwork or a ductless system if you have baseboard heating. Heat pumps are sized and configured to specific spaces, capacity needs and comfort preferences. Be sure to work with an expert contractor who can compute these load calculations correctly. If you don't have one, visit PSEGLINY.com/homecomfort for a list of certified PSEG Long Island Home Comfort Partners who serve your area.



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THE BENEFITS OF HEAT PUMP TECHNOLOGY

Don't let the name "heat pump" throw you. Think of them as air conditioners that also work in reverse. When expertly sized to your home or business, this ALL-IN-ONE heating and cooling solution delivers the following benefits all year:



> ALL-IN-ONE HEATING & COOLING

One intelligent, innovative, dual-purpose system delivers ideal comfort no matter the season — quietly, sustainably and energy efficiently.



> AFFORDABILITY

Substantial incentives, energy efficiency and lower operating costs year-round make heat pumps a smart, economical and affordable choice that rapidly pays for itself.



> HEALTHY & SAFE

Breathing the fresh, filtered, humidified or dehumidified air that heat pumps can deliver is more vital than ever. They also reduce the worries of oil spills, gas leaks and carbon monoxide poisoning.



> VERSATILE & CUSTOMIZABLE

No matter your setup — ducted or ductless — there's a heat pump for you. Variable capacity and zone control technologies let you customize your comfort room-to-room.



> GREEN & CLEAN

As New York State accelerates its move from fossil fuels to renewable energy, electricity-powered heat pumps allow residents and businesses to reduce emissions and carbon footprint without sacrificing comfort.

UPGRADE TO AIR SOURCE HEAT PUMP TECHNOLOGY.

To learn more about energy-efficient, money-saving and sustainable air source heat pumps, please visit PSEGLINY.com/homecomfort or call our Energy Efficiency Infoline at 1.800.692.2626 today. ACT NOW while valuable rebates and incentives are still in effect.



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