Keep Your Home Comfortable All Year Long

Stay warm in the winter and cool in the summer with cleaner air from energy-efficient electric heat pumps.
What is a heat pump?

Heat pumps are the latest in technology to keep your home comfortable year-round. They’re environmentally friendly, extremely efficient, and affordable to operate.

How do heat pumps work?

Heat pumps pull heat from the air or from underground and use it to heat your home in the colder months. They flow in reverse and use a refrigerant to cool your home in the warmer months.

The benefits of heat pumps

Efficiency: Heating your home with a heat pump typically costs less than oil heat and is more environmentally conscious.

Dual Heating and Cooling: In addition to providing heating efficiency, high-performance heat pumps help you save on cooling costs and are substantially more efficient than window A/C units.

Financial Incentives: Orange & Rockland (O&R) offers financial incentives to make purchasing and installing heat pump technology even more affordable.

Interested in learning more? Visit oru.com/HeatPumps

Which heat pump is right for you?

Geothermal Heat Pumps

Geothermal heat pumps (or ground-source heat pumps) take heat from underground and use it to warm water. That water holds onto the heat until it gets pumped into your home to warm the air. This system is the most efficient type of heat pump, and it’s usually used in whole-home applications.

Best suited for:
Single family homes with lawn space to accommodate geothermal loops

Up to 60% more efficient than oil-fueled systems

Estimated annual savings of up to $1,500*

* When compared to oil-fueled systems

Air-Source Heat Pumps

Air-source heat pumps extract heat from outside air that is then used for heating indoor spaces during the colder months. They can also extract heat from indoors and expel it outside to cool indoor spaces during the warmer months. Air-source heat pumps like a ductless mini-split can be used to heat or cool single rooms (partial load) and whole homes (full load).

Best suited for:
Apartments, additions, or rooms that always seem too hot or too cold, no matter what you do to the thermostat

Up to 40% more efficient than oil-fueled systems

Estimated annual savings of up to $900*

* When compared to oil-fueled systems

Heat Pump Water Heaters

Heat pump water heaters extract heat from the air surrounding the unit to heat water. They can replace electric or fossil fuel-powered water heaters that require much more energy to run efficiently—leading to big savings.

Best suited for:
Residences with basements or separate utility rooms (these units lose efficiency if installed in closets without ample clearance)

Up to 60% more efficient than oil-fueled systems

Estimated annual savings of up to $350*

* When compared to older conventional electric resistance water heaters

Heat pump water heater incentives are limited to one per customer. If you require more than one unit, please call 1-877-434-4100 or email info@oandrresidential.com
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Which heat pump is right for you?

- **Geothermal Heat Pumps**
  - Best suited for: Single family homes with lawn space to accommodate geothermal loops
  - Up to 60% more efficient than oil-fueled systems
  - Estimated annual savings of up to $1,500*
  
  *When compared to oil-fueled systems

- **Air-Source Heat Pumps**
  - Best suited for: Apartments, additions, or rooms that always seem too hot or too cold, no matter what you do to the thermostat
  - Up to 40% more efficient than oil-fueled systems
  - Estimated annual savings of up to $900*
  
  *When compared to oil-fueled systems

- **Heat Pump Water Heaters**
  - Best suited for: Residences with basements or separate utility rooms (these units lose efficiency if installed in closets without ample clearance)
  - Approx. 3x more efficient than conventional electric resistance water heaters
  - Estimated annual savings of up to $350*
  
  *When compared to older conventional electric water heater

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Full Load vs. Partial Load: What’s the difference?

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<thead>
<tr>
<th>Full Load</th>
<th>Partial Load</th>
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<tbody>
<tr>
<td>Full-load—or whole-home—heat pumps will do all of the heating and cooling in the home or building. For replacement situations, your existing heating-and-cooling systems are no longer required.</td>
<td>In partial-load applications, your new heat pump will supplement your existing heating system, as well as cool your home during the warmer months.</td>
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<tr>
<td>Responsible for <strong>90-120%</strong> of the heating load</td>
<td>Responsible for <strong>less than 90%</strong> of the heating load</td>
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What is right for your home or project?

**I have an existing forced air or radiant heating system.**
Cutting-edge ground-source geothermal technology can modernize your traditional system and make it more efficient.

**I have an existing duct system.**
Consider a central or mini-split heat pump that replaces or supplements your existing heating system, while also replacing the air conditioning in its entirety.

**I have baseboards and/or radiators.**
Ductless units may be the right choice for you.

**I only need to heat or cool one room.**
A single ductless unit will sufficiently heat and cool your room.

**I’m working on a new construction project.**
For a smaller house or apartment, one or two ductless units will heat and cool your space sufficiently. A combination of a compacted ducted system with one or two additional ductless units for bedrooms, etc., would be a good choice. For peak efficiency, consider adding a ground-source geothermal heat pump.

**I’m looking to supplement my current heating system.**
If your current heating system is working fine but could use a boost, try adding one or two additional single-zone ductless units.

For more information, visit oru.com/HeatPumps

Questions?

Contact our Customer Energy Services line at **1-877-852-5678**
For more ways to save with Orange and Rockland rebates, visit oru.com/Save