

AIR SOURCE HEAT PUMPS

DUCTED/CENTRAL

COOLING & HEATING TECHNOLOGY

With heating and cooling accounting for some of the largest expenses for homeowners, it makes sense for your space to be equipped with one high-efficiency appliance to keep those costs as low as possible – an air source heat pump.

Efficient Energy

Heat pump technology is one of the most advanced and energy-efficient heating and cooling technologies available. An ASHP is up to 300% efficient even when the outdoor air temperatures dip.



Earlier generations of ASHPs were limited in terms of their effectiveness in states with colder climates like Minnesota's, but technology has advanced to where they can now operate down to 0 degrees Fahrenheit – making them ideal for indoor climate control nearly year-round. ASHPs consume up to 72% less electricity than conventional air conditioners and furnaces, leaving you with a savings of up to 30% on your electric bill.

In heating mode, air source heat pumps transfer heat from outdoor air into your home, reducing your reliance on propane, fuel oil or other fuel sources and may be controlled on our dual fuel load management program.

In cooling mode, ASHPs work like a central air conditioner, transferring heat out of your home to keep you comfortable during the hot and humid summer season.

Clean Energy

Air source heat pumps utilize a clean energy source by recycling earth's outdoor air temperatures, offering an environmentally friendly heating and cooling alternative to fossil fuels. ASHPs provide a safe, environmentally-friendly solution for home comfort conditioning. They don't use an open flame or create products of combustion – such as carbon monoxide – so there is no need for venting.

DUCTED AIR SOURCE HEAT PUMPS: DUAL FUEL HEATING AND COOLING

System Requirements - Please refer to the Dual Fuel program guide.

Lake Country Power must have a way to turn on and off or "control" your heat pump, and you must have your system(s) properly wired to a separate meter. LCP will install a DRU (demand response unit) to be programmed for the load management control strategy.

- The Central/Ducted ASHP will need to be installed by a Cooperative QI (Qualified Installer) HVAC contractor. A list is available on our website under "contractor resources."
- A separate meter socket wired by a qualified electrician.

Rebates & Rates

Rebates may be available. Visit www.lakecountrypower.coop for more information or call 800-421-9959 (press 6). Our member service department can provide a list of local HVAC contractors.