

AIR SOURCE HEAT PUMPS

DUCTLESS

DUCTLESS (MINI-SPLIT) ASHP

Ductless mini-split air source heat pumps are highly efficient products that deliver warm or cool air directly into different zones in your home, instead of routing it through ducts.

They are a cost-effective solution to replace inefficient baseboard electric heating and window air conditioners in older homes. They are also used in new construction, home additions, multifamily (condo or apartment) housing and to improve comfort in poorly heated or cooled rooms.

Benefits:

Reliable heating and cooling – Because they transfer instead of generate heat, they use 60% less energy than standard home electric resistance-based heating systems. In colder climates, a backup heating system may be needed.

Energy savings – Mini splits have no ducts. They use sophisticated compressors and fans that can adjust speeds to save energy. You can cut cooling costs by 30% compared to conventional room air conditioners.

Design flexibility – Indoor air handlers can be suspended from the ceiling, mounted into a drop ceiling or hung on a wall. Floor-standing units are also available, and many models come with remote controls to make turning the system on and off more convenient. Ductless ASHP are perfect for your home or cabin where no duct work is installed.

DUCTLESS DUAL FUEL ASHP

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 the same as dual fuel. ASHP with an automatic on switch is required.

In cooling mode, they work like a central air conditioner, transferring heat out of your home to keep it comfortable during the hot and humid summer season. Take advantage of the cycle air load management program.

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.

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.

Rebates & Rates

Rebates may be available when installing on a load management program. Visit www.lakecountrypower.coop for more information or call 800-421-9959 (press 6).

