

Heat Pump Guidelines

Heat pumps can offer an energy-efficient alternative for space heating. ATCO Electric Yukon (AEY) will allow the installation of heat pumps when the following conditions are met and agreed upon by all parties and given final approval from AEY:

- Heat pump is designed to only operate at a COP greater than 1.0 (design will need to be reviewed and approved by AEY).
- A back-up heating system is required to supply heat in conditions when the heat pump will not operate at a COP greater than 1.0

If the heat pump is operating at a COP at 1.0 or less, the service may be disconnected.

Definition: *The measure of efficiency for heat pumps is the Coefficient of Performance (COP). A COP of 1.0 means the unit is heating as efficiently as an electric resistance heater (providing 1kWh of heat in the space for 1kWh of energy input into the unit). All heat pumps for space heating can operate at a COP greater than 1, and usually greater than 2.*

If you're interested in installing any of these alternative electrical heating options, please visit our office or call us today to start your application at 867-633-7000.